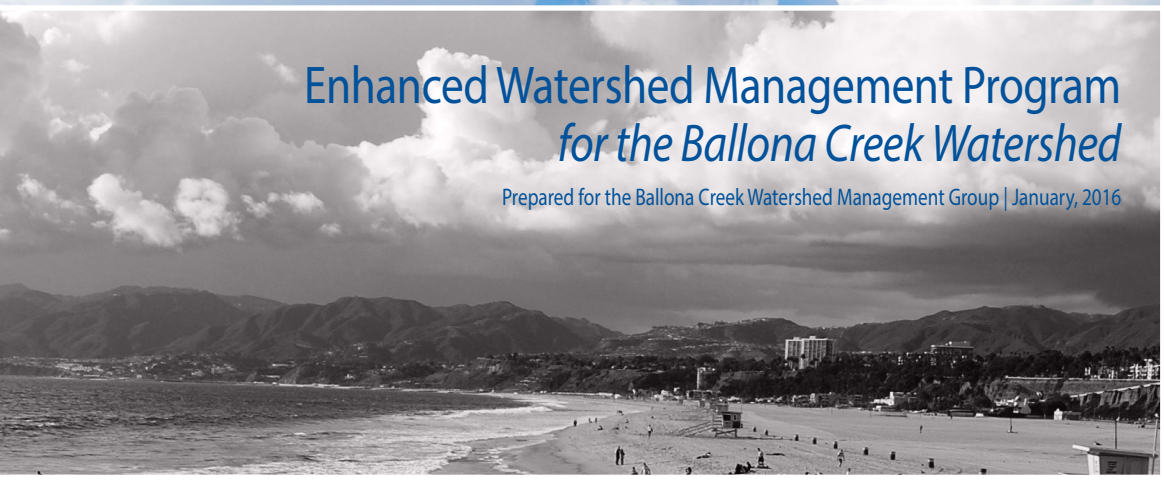








Enhanced Watershed Management Program
for the Ballona Creek Watershed

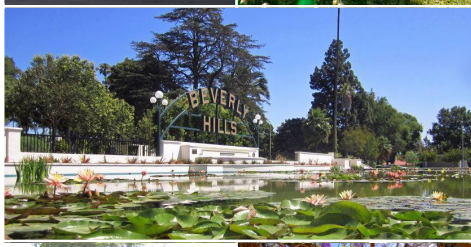
Prepared for the Ballona Creek Watershed Management Group | January, 2016























Appendix 2.A
Legal Authority Ordinance Citations

The following tables lists the municipal codes and ordinances cited by each jurisdiction as evidence of legal authority to implement Permit Sections VI.A.2.a and VI.A.2.b.

Table 1 Legal Authority for Permit Section VI.A.2.a.i

Control the contribution of pollutants to its MS4 from storm water discharges associated with industrial and construction activity and control the quality of storm water discharged from industrial and construction sites. This requirement applies both to industrial and construction sites with coverage under an NPDES permit, as well as to those sites that do not have coverage under an NPDES permit.	
Agency	**Water Quality Ordinance**
City of Los Angeles	LAMC 64.70.02.B; LAMC 64.70.02.C.1.a; LAMC 64.70.02.D; LAMC 64.70.03.A
County of Los Angeles	LACC §12.80.410 [illicit discharge prohibited]; LACC §12.80.450 [construction]; LACC §12.80.460 [industrial and commercial]; LACC §12.80.470 and §12.80.480 [industrial and commercial NPDES requirements]; LACC §12.84.440 [LID standards]; LACC §12.84.445 [hydromodification control]; LACC §12.84.450 [LID Plan Review]; LACC §22.60.330 [general prohibitions]; LACC §22.60.340 [violations]; LACC §12.60.350 [public nuisance]; LACC §12.60.360 [infractions]; LACC §12.60.370 [injunction]; LACC §12.60.380 [enforcement]; LACC §12.60.390 [zoning enforcement order]; LACC §26.103 [violations and penalties]; LACC §26.104 [enforcement]; LACC §26.106 [permits]; LACC §26.108 [inspections]; LACFCD Code §21.05 Standards, Guidelines, and Criteria; LACFCD Code §21.07 Prohibited Discharges; LACFCD Code §21.13 Evidence of Compliance With Permit Requirements for Industrial or Commercial Activity; LACFCD Code §21.15 Notification of Uncontrolled Discharges Required; LACFCD Code §21.17 Requirement to Monitor and Analyze; LACFCD Code §21.23 Violation a Public Nuisance
City of Beverly Hills	BHMC §§ 9-4-504 Prohibited Activities; BHMC §§ 9-4-507 Requirements for Construction Activities
City of Culver City	CCMC 5.05.035; CCMC 5.05.025(D); CCMC 5.05.040
City of Inglewood	IMC §10-207 Requirements for Industrial/Commercial and Construction Activities
City of West Hollywood	WHMC 15.56.060 Prohibited Activities; WHMC 15.56.090 Requirements for Industrial/Commercial and Construction Activities
City of Santa Monica	SMMC Chapter 5.20 – Sections 5.20.010 through 5.20.620; SMMC Chapter 7.10 – Sections 7.10.010 through 7.10.080

Table 2 Legal Authority for Permit Section VI.A.2.a.ii

Prohibit all non-storm water discharges through the MS4 to receiving waters not otherwise authorized or conditionally exempt pursuant to Part III.A.	
Agency	**Water Quality Ordinance**
City of Los Angeles	LAMC 64.70.03.A
County of Los Angeles	LACC §12.80.410 [illicit discharge prohibited]; LACFCD Code §21.07 Prohibited Discharges
City of Beverly Hills	BHMC §§ 9-4-504F Prohibited Activities
City of Culver City	CCMC 5.05.025(A)(1)
City of Inglewood	IMC §10-204 Prohibited Activities; IMC §10-206 Requirements for Existing Properties
City of West Hollywood	WHMC 15.56.060 Prohibited Activities
City of Santa Monica	SMMC Chapter 5.20 – Sections 5.20.010 through 5.20.620; SMMC Chapter 7.10 – Sections 7.10.010 through 7.10.080

Table 3 Legal Authority for Permit Section VI.A.2.a.iii

Prohibit and eliminate illicit discharges and illicit connections to the MS4.	
Agency	**Water Quality Ordinance**
City of Los Angeles	LAMC 64.70.03.A; LAMC 64.70.03.B
County of Los Angeles	LACC §12.80.410 [illicit discharge prohibited]; LACC §12.80.420 [illicit connections prohibited]; LACFCD Code §21.05 Standards, Guidelines, and Criteria; LACFCD Code §21.07 Prohibited

	Discharges; LACFCD Code §21.09 Installation or Use of Illicit Connections Prohibited; LACFCD Code §21.23 Violation a Public Nuisance
City of Beverly Hills	BHMC §§ 9-4-504A Prohibited Activities
City of Culver City	CCMC 5.05.025(A)(1)
City of Inglewood	IMC §10-204 Prohibited Activities
City of West Hollywood	WHMC 15.56.060 Prohibited Activities
City of Santa Monica	SMMC Chapter 5.20 – Sections 5.20.010 through 5.20.620; SMMC Chapter 7.10 – Sections 7.10.010 through 7.10.080

Table 4 Legal Authority for Permit Section VI.A.2.a.iv

Control the discharge of spills, dumping, or disposal of materials other than storm water to its MS4.	
Agency	**Water Quality Ordinance**
City of Los Angeles	LAMC 64.70.03.A
County of Los Angeles	LACC §12.80.410 [illicit discharge prohibited]; LACC §12.80.440 [littering and other polluting prohibited]; LACFCD Code §19.07 Interference With or Placing Obstructions, Refuse, Contaminating Substances, or Invasive Species in Facilities Prohibited; LACFCD Code §21.05 Standards, Guidelines, and Criteria; LACFCD Code §21.07 Prohibited Discharges; LACFCD Code §21.09 Installation or Use of Illicit Connections Prohibited; LACFCD Code §21.11 Littering Prohibited; LACFCD Code §21.13 Evidence of Compliance With Permit Requirements for Industrial or Commercial Activity; LACFCD Code §21.15 Notification of Uncontrolled Discharges Required; LACFCD Code §21.17 Requirement to Monitor and Analyze; LACFCD Code §21.23 Violation a Public Nuisance
City of Beverly Hills	BHMC §§ 9-4-504 Prohibited Activities
City of Culver City	CCMC 5.05.025(A)(1)
City of Inglewood	IMC §10-206 Requirements for Existing Properties; IMC §10-211 Enforcement
City of West Hollywood	WHMC 15.56.060 Prohibited Activities; WHMC 15.56.080 Good Housekeeping Provisions; WHMC 15.56.090 Requirements for Industrial/Commercial and Construction Activities; WHMC 15.56.095 Standard Urban Storm Water Mitigation Plan (SUSMP) Requirements for New Development and Redevelopment Projects
City of Santa Monica	SMMC Chapter 5.20 – Sections 5.20.010 through 5.20.620; SMMC Chapter 7.10 – Sections 7.10.010 through 7.10.080

Table 5 Legal Authority for Permit Section VI.A.2.a.v

Require compliance with conditions in Permittee ordinances, permits, contracts or orders (i.e., hold dischargers to its MS4 accountable for their contributions of pollutants and flows).	
Agency	**Water Quality Ordinance**
City of Los Angeles	LAMC 64.70.03.A; LAMC 64.70.07
County of Los Angeles	LACC §12.80.490 [notification of uncontrolled discharge]; LACC §12.80.570 [obstructing access to facilities]; LACC §12.80.580 [compliance inspection]; LACC §12.80.610 [violation a nuisance]; LACC §12.80.620 [nuisance abatement]; LACC §12.80.635 [violation penalty]; LACC §12.80.640 [penalties not exclusive]; LACC §12.80.440 [LID standards]; LACC §12.80.445 [hydromodification control]; LACC §12.84.450 [LID Plan Review]; LACC §22.60.330 [general prohibitions]; LACC §22.60.340 [violations]; LACC §12.60.350 [public nuisance]; LACC §12.60.360 [infractions]; LACC §12.60.370 [injunction]; LACC §12.60.380 [enforcement]; LACC §12.60.390 [zoning enforcement order]; LACC §26.103 [violations and penalties]; LACC §26.104 [enforcement]; LACC §26.106 [permits]; LACC §26.108 [inspections]; LACFCD Code §19.11 Violation a Public Nuisance; LACFCD Code §21.05 Standards, Guidelines, and Criteria; LACFCD Code §21.07 Prohibited Discharges; LACFCD Code §21.09 Installation or Use of Illicit Connections Prohibited; LACFCD Code §21.11 Littering Prohibited; LACFCD Code §21.13 Evidence of Compliance With Permit Requirements for Industrial or Commercial Activity; LACFCD Code §21.15 Notification of Uncontrolled Discharges Required; LACFCD Code §21.17 Requirement to Monitor and Analyze; LACFCD Code §21.19 Conflicts With Other Code Sections; LACFCD Code §21.23 Violation a Public Nuisance
City of Beverly Hills	BHMC §§ 9-4-504G Prohibited Activities; BHMC §§ 9-4-509 Enforcement

City of Culver City	CCMC 5.05.025(F); CCMC 5.05.045
City of Inglewood	IMC §10-211 Enforcement
City of West Hollywood	WHMC 15.56.090 Requirements for Industrial/Commercial and Construction Activities; WHMC 15.56.100 Standard Urban Stormwater Mitigation Plan (SUSMP) Requirements for New Development and Redevelopment Projects; WHMC 15.56.100 Enforcement; WHMC 1.08 General Penalty Provisions
City of Santa Monica	SMMC Chapter 5.20 – Sections 5.20.010 through 5.20.620; SMMC Chapter 7.10 – Sections 7.10.010 through 7.10.080

Table 6 Legal Authority for Permit Section VI.A.2.a.vi

Utilize enforcement mechanisms to require compliance with applicable ordinances, permits, contracts, or orders.	
Agency	**Water Quality Ordinance**
City of Los Angeles	LAMC 64.70.05.A; LAMC 64.70.05.B.6
County of Los Angeles	LACC §12.80.490 [notification of uncontrolled discharge]; LACC §12.80.570 [obstructing access to facilities]; LACC §12.80.580 [compliance inspection]; LACC §12.80.610 [violation a nuisance]; LACC §12.80.620 [nuisance abatement]; LACC §12.80.635 [violation penalty]; LACC §12.80.640 [penalties not exclusive]; LACC §12.80.440 [LID standards]; LACC §12.80.445 [hydromodification control]; LACC §12.84.450 [LID Plan Review]; LACC §22.60.330 [general prohibitions]; LACC §22.60.340 [violations]; LACC §12.60.350 [public nuisance]; LACC §12.60.360 [infractions]; LACC §12.60.370 [injunction]; LACC §12.60.380 [enforcement]; LACC §12.60.390 [zoning enforcement order]; LACC §26.103 [violations and penalties]; LACC §26.104 [enforcement]; LACC §26.106 [permits]; LACC §26.108 [inspections]; LACFCD Code §19.11 Violation a Public Nuisance; LACFCD Code §21.05 Standards, Guidelines, and Criteria; LACFCD Code §21.07 Prohibited Discharges; LACFCD Code §21.09 Installation or Use of Illicit Connections Prohibited; LACFCD Code §21.11 Littering Prohibited; LACFCD Code §21.13 Evidence of Compliance With Permit Requirements for Industrial or Commercial Activity; LACFCD Code §21.15 Notification of Uncontrolled Discharges Required; LACFCD Code §21.17 Requirement to Monitor and Analyze; LACFCD Code §21.19 Conflicts With Other Code Sections; LACFCD Code §21.23 Violation a Public Nuisance
City of Beverly Hills	BHMC §§ 9-4-509 Enforcement
City of Culver City	CCMC 5.05.045
City of Inglewood	IMC §10-211 Enfocement
City of West Hollywood	WHMC 15.56.100 Enforcement; WHMC 1.08 General Penalty Provisions
City of Santa Monica	SMMC Chapter 5.20 – Sections 5.20.430 (Inspections and sampling), 5.20.330 (Monitoring facilities), 5.20.450 (Search warrants), and 5.20.500 (Notice of Violation); SMMC Chapter 7.10 – Sections 7.10.070 (Enforcement and penalties)

Table 7 Legal Authority for Permit Section VI.A.2.a.vii

Control the contribution of pollutants from one portion of the shared MS4 to another portion of the MS4 through interagency agreements among Co-permittees.	
Agency	**Water Quality Ordinance**
City of Los Angeles	California Government Code §6502; California Government Code §23004
County of Los Angeles	California Government Code §6502; California Government Code §23004
Los Angeles County Flood Control District	
City of Beverly Hills	BHMC §§ 9-4-504G Prohibited Activities; BHMC §§ 9-4-504H Exempted Discharges, Conditionally Exempted Discharges, or Designated Discharges
City of Culver City	California Government Code §6502; California Government Code §23004
City of Inglewood	IMC §10-204 Prohibited Activities; IMC §10-211 Enforcement
City of West Hollywood	WHMC 15.56; The City, as a municipal corporation, has authority to enter into contracts that enable it to carry out its necessary functions, including the power to enter into interagency

	agreements to control the contribution of pollutants from one portion of the shared MS4 to another.
City of Santa Monica	SMMC Chapter 5.20 and SMMC Chapter 7.10

Table 8 Legal Authority for Permit Section VI.A.2.a.viii

Control of the contribution of pollutants from one portion of the shared MS4 to another portion of the MS4 through interagency agreements with other owners of the MS4 such as the State of California Department of Transportation.	
Agency	**Water Quality Ordinance**
City of Los Angeles	California Government Code §6502; California Government Code §23004
County of Los Angeles	California Government Code §6502; California Government Code §23004
City of Beverly Hills	BHMC §§ 9-4-504G Prohibited Activities; BHMC §§ 9-4-504H Exempted Discharges, Conditionally Exempted Discharges, or Designated Discharges
City of Culver City	California Government Code §6502; California Government Code §23004
City of Inglewood	IMC §10-204 Prohibited Activities; IMC §10-211 Enforcement
City of West Hollywood	WHMC 15.56; The City, as a municipal corporation, has authority to enter into contracts that enable it to carry out its necessary functions, including the power to enter into interagency agreements to control the contribution of pollutants from one portion of the shared MS4 to another.
City of Santa Monica	SMMC Chapter 5.20 and SMMC Chapter 7.10

Table 9 Legal Authority for Permit Section VI.A.2.a.ix

Carry out all inspections, surveillance, and monitoring procedures necessary to determine compliance and noncompliance with applicable municipal ordinances, permits, contracts and orders, and with the provisions of this Order, including the prohibition of non-storm water discharges into the MS4 and receiving waters. This means the Permittee must have authority to enter, monitor, inspect, take measurements, review and copy records, and require regular reports from entities discharging into its MS4.	
Agency	**Water Quality Ordinance**
City of Los Angeles	LAMC 64.70.05.A; LAMC 64.70.05.B; LAMC 64.70.04.B
County of Los Angeles	LACC §12.80.490 [notification of uncontrolled discharge]; LACC §12.80.570 [obstructing access to facilities]; LACC §12.80.580 [compliance inspection]; LACC §12.80.610 [violation a nuisance]; LACC §12.80.620 [nuisance abatement]; LACC §12.80.635 [violation penalty]; LACC §20.60.380 [enforcement]; LACC §26.106 [permits]; LACC §26.108 [inspections]; LACFCD Code §21.05 Standards, Guidelines, and Criteria; LACFCD Code §21.07 Prohibited Discharges; LACFCD Code §21.09 Installation or Use of Illicit Connections Prohibited; LACFCD Code §21.11 Littering Prohibited; LACFCD Code §21.13 Evidence of Compliance With Permit Requirements for Industrial or Commercial Activity; LACFCD Code §21.15 Notification of Uncontrolled Discharges Required; LACFCD Code §21.17 Requirement to Monitor and Analyze; LACFCD Code §21.23 Violation a Public Nuisance
City of Beverly Hills	BHMC §§ 9-4-506 Urban Runoff and Storm Water Mitigation Plans for New Development and Redevelopment Projects; BHMC §§ 1-3-103 Public Nuisances; BHMC §§ 1-3 Code Violations
City of Culver City	CCMC 5.05.045(C)
City of Inglewood	IMC §10-208 Low Impact Development Requirements for New Development and Redevelopment; IMC §10-211 Enforcement
City of West Hollywood	WHMC 15.56.100.H Enforcement
City of Santa Monica	SMMC Chapter 5.20 – Sections 5.20.430 (Inspections and sampling), 5.20.330 (Monitoring facilities), 5.20.450 (Search warrants), and 5.20.500 (Notice of Violation); SMMC Chapter 7.10 – Sections 7.10.070 (Enforcement and penalties)

Table 10 Legal Authority for Permit Section VI.A.2.a.x

Require the use of control measures to prevent or reduce the discharge of pollutants to achieve water quality standards/receiving water limitations.	
Agency	**Water Quality Ordinance**
City of Los Angeles	LAMC 64.70.02.D
County of Los Angeles	LACC §12.80.450 [construction mitigation]; LACC §12.80.500 [good housekeeping practices]; LACC §12.80.510 [construction BMPs]; LACC §12.80.520 [industrial/commercial BMPs]; LACC §12.84.440 [LID standards]; LACC §12.84.450 [LID Plan Review]; LACC §22.60.330 [general prohibitions]; LACC §22.60.380 [enforcement]; LACC §22.60.390 [zoning enforcement order]; LACC §26.106 [permits]; LACC §26.108 [inspections]; LACFCD Code §21.05 Standards, Guidelines, and Criteria; LACFCD Code §21.07 Prohibited Discharges; LACFCD Code §21.09 Installation or Use of Illicit Connections Prohibited; LACFCD Code §21.11 Littering Prohibited; LACFCD Code §21.13 Evidence of Compliance With Permit Requirements for Industrial or Commercial Activity; LACFCD Code §21.15 Notification of Uncontrolled Discharges Required; LACFCD Code §21.17 Requirement to Monitor and Analyze; LACFCD Code §21.23 Violation a Public Nuisance
City of Beverly Hills	BHMC §§ 9-4-506 Urban Runoff and Storm Water Mitigation Plans for New Development and Redevelopment Projects; BHMC §§ 9-4-509 Enforcement; BHMC §§ 1-3-103 Public Nuisances
City of Culver City	5.05.040
City of Inglewood	IMC §10-208 Low Impact Development Requirements for New Development and Redevelopment; IMC §10-204 Prohibited Activities; IMC §10-206 Requirements for Existing Properties; IMC §10-211 Enforcement
City of West Hollywood	Article 11, §7 of the California Constitution; California Public Resources Code §21000 et seq. (CEQA); WHMC 15.56.080 Good Housekeeping Provisions; WHMC 15.56.090 Requirements for Industrial/Commercial and Construction Activities; WHMC 15.56.100 Standard Urban Stormwater Mitigation Plan (SUSMP) Requirements for New Development and Redevelopment Projects; WHMC Title 17 Zoning
City of Santa Monica	SMMC Chapter 5.20 – Sections 5.20.010 through 5.20.620; SMMC Chapter 7.10 – Sections 7.10.010 through 7.10.080

Table 11 Legal Authority for Permit Section VI.A.2.a.xi

Require that structural BMPs are properly operated and maintained.	
Agency	**Water Quality Ordinance**
City of Los Angeles	LAMC 64.70.02.D
County of Los Angeles	LACC §12.80.530 [installation of structural BMPs]; LACC §22.60.380 [enforcement]; LACC §22.60.390 [zoning enforcement order]; LACC §26.106 [permits]; LACC §26.108 [inspections]; LCFCD Code §21.05 Standards, Guidelines, and Criteria; LACFCD Code §21.07 Prohibited Discharges; LACFCD Code §21.09 Installation or Use of Illicit Connections Prohibited; LACFCD Code §21.11 Littering Prohibited; LACFCD Code §21.13 Evidence of Compliance With Permit Requirements for Industrial or Commercial Activity; LACFCD Code §21.15 Notification of Uncontrolled Discharges Required; LACFCD Code §21.17 Requirement to Monitor and Analyze; LACFCD Code §21.23 Violation a Public Nuisance
City of Beverly Hills	BHMC §§ 9-4-506 Urban Runoff and Storm Water Mitigation Plans for New Development and Redevelopment Projects; BHMC §§ 9-4-509 Enforcement
City of Culver City	CCMC 5.05.040(G); CCMC 5.05.040(H)
City of Inglewood	IMC §10-208 Low Impact Development Requirements for New Development and Redevelopment; IMC §10-206 Requirements for Existing Properties; IMC §10-207 Requirements for Industrial/Commercial and Construction Activities
City of West Hollywood	Article 11, §7 of the California Constitution; California Public Resources Code §21000 et seq. (CEQA); WHMC 15.56.080 Good Housekeeping Provisions; WHMC 15.56.090 Requirements for Industrial/Commercial and Construction Activities; WHMC 15.56.100 Standard Urban Stormwater Mitigation Plan (SUSMP) Requirements for New Development and Redevelopment Projects; WHMC Title 17 Zoning
City of Santa Monica	SMMC Chapter 5.20 – Sections 5.20.010 through 5.20.620; SMMC Chapter 7.10 – Sections 7.10.010 through 7.10.080

Table 12 Legal Authority for Permit Section VI.A.2.a.xii

Require documentation on the operation and maintenance of structural BMPs and their effectiveness in reducing the discharge of pollutants to the MS4.	
Agency	**Water Quality Ordinance**
City of Los Angeles	LAMC 64.70.05.B.3
County of Los Angeles	LACC §12.80.530 [installation of structural BMPs]; LACC §22.60.380 [enforcement]; LACC §22.60.390 [zoning enforcement order]; LACC §26.106 [permits]; LACC §26.108 [inspections]; LCFCD Code §21.05 Standards, Guidelines, and Criteria; LACFCD Code §21.07 Prohibited Discharges; LACFCD Code §21.09 Installation or Use of Illicit Connections Prohibited; LACFCD Code §21.11 Littering Prohibited; LACFCD Code §21.13 Evidence of Compliance With Permit Requirements for Industrial or Commercial Activity; LACFCD Code §21.15 Notification of Uncontrolled Discharges Required; LACFCD Code §21.17 Requirement to Monitor and Analyze; LACFCD Code §21.23 Violation a Public Nuisance
City of Beverly Hills	BHMC §§ 9-4-506 Urban Runoff and Storm Water Mitigation Plans for New Development and Redevelopment Projects; BHMC §§ 9-4-509 Enforcement
City of Culver City	CCMC 5.05.040(G); CCMC 5.05.040(H)
City of Inglewood	IMC §10-208 Low Impact Development Requirements for New Development and Redevelopment; IMC §10-206 Requirements for Existing Properties; IMC §10-211 Enforcement
City of West Hollywood	California Public Resources Code § 21000 et seq (CEQA); WHMC 15.56.100 Enfocement
City of Santa Monica	SMMC Chapter 5.20 – Sections 5.20.010 through 5.20.620; SMMC Chapter 7.10 – Sections 7.10.010 through 7.10.080

Table 13 Legal Authority for Permit Section VI.A.2.b.i

These statements must include: (i) Citation of applicable municipal ordinances or other appropriate legal authorities and their relationship to the requirements of 40 CFR § 122.26(d)(2)(i)(A)-(F) and of this Order.	
Agency	**Water Quality Ordinance**
City of Los Angeles	LAMC 64.70 General Provisions; LAMC 64.70.01 (Definitions and Abbreviations); LAMC 64.70.02 (Pollutant and Discharge Control); LAMC 64.70.03 (Elimination of Illicit Discharges and Illicit Connections); LAMC 64.70.05 (Authority to Inspect); LAMC 64.70.06 (Authority to Arrest and Issue Citations); LAMC 64.70.07 (Enforcement); LAMC 64.70.09 (Remedies Not Exclusive); LAMC 64.70.10 (Disposition of Money Collected); LAMC 64.70.11 (Stormwater and Urban Runoff Pollution Education); LAMC 64.70.12 (Construction and Application); LAMC 64.70.13 (Severability); LAMC 64.72 (Stormwater Pollution Control Measures for Development Planning and Construction Activities); LAMC 64.72.01 (Authority of the Board of Public Works); LAMC 64.72.02 (Funds Collected from Waiver); LAMC 64.72.03 (Supplemental Provisions); LAMC 64.72.04 (Authority to Inspect and Enforce Stormwater Pollution Control Measures); LAMC 64.72.05 (LID Plan Check Fees); California Government Code §6502; California Government Code §23004
County of Los Angeles	LACC Title 12 Chapter 12.08 including §12.80.010 through §12.80.360 [Definition], §12.80.370 [Short title], §12.80.380 [Purpose and intent], §12.80.390 [Applicability of this chapter], §12.80.400 [Standards, guidelines, and criteria], §12.80.410 [Illicit discharges prohibited], §12.80.420 [Installation or use of illicit connections prohibited], §12.80.430 [Removal of illicit connection from the storm drain system], §12.80.440 [Littering and other discharge of polluting or damaging substances prohibited], §12.80.450 [Stormwater and runoff pollution mitigation for construction activity], §12.80.460 [Prohibited discharges from industrial or commercial activity], §12.80.470 [Industrial/commercial facility sources required to obtain a NPDES permit], §12.80.480 [Public facility sources required to obtain a NPDES permit], §12.80.490 [Notification of uncontrolled discharges required], §12.80.500 [Good housekeeping provisions]; §12.80.510 [Best management practices for construction activity], §12.80.520 [Best management practices for industrial and commercial facilities], §12.80.530 [Installation of structural BMPs], §12.80.540 [BMPs to be consistent with environmental goals], §12.80.550 [Enforcement – Director's powers and duties], §12.80.560 [Identification for inspectors and maintenance personnel], §12.80.570 [Obstructing access to facilities prohibited], §12.80.580 [Inspection to ascertain compliance – Access required], §12.80.590 [Interference with inspector prohibited], §12.80.600 [Notice to correct violations – Director may take action], §12.80.610 [Violation a public nuisance], §12.80.620 [Nuisance abatement – Director to perform work when – Costs], §12.80.630 [Violation – Penalty], §12.80.635 [Administrative fines], §12.80.640 [Penalties not exclusive], §12.80.650 [Conflicts with other code sections], §12.80.660 [Severability], §12.80.700 [Purpose], §12.80.710 [Applicability], §12.80.720

Table 13 Legal Authority for Permit Section VI.A.2.b.i

These statements must include: (i) Citation of applicable municipal ordinances or other appropriate legal authorities and their relationship to the requirements of 40 CFR § 122.26(d)(2)(i)(A)-(F) and of this Order.	
Agency	**Water Quality Ordinance**
	[Registration required], §12.80.730 [Exempt facilities], §12.80.740 [Certificate of inspection – Issuance by the director], §12.80.750 [Certificate of inspection – Suspension or revocation], §12.80.760 [Certificate of inspection – Termination], §12.80.770 [Service fees], §12.80.780 [Fee schedule], §12.80.790 [Credit for overlapping inspection programs], §12.80.800 [Annual review of fees]; LACC Title 12, Chapter 12.84 Low Impact Development Standards including §12.84.410 [Purpose], §12.84.420 [Definitions], §12.84.430 [Applicability], §12.84.440 [Low Impact Development Standards, §12.84.445 [Hydromodification Control], §12.84.450 [LID Plan Review], §12.84.460 [Additional Requirements]; LACC Title 22 Planning and Zoning Part 6 Enforcement Procedures including §22.60.330 [General prohibitions], §22.60.340 [Violations], §22.60.350 [Public nuisance], §22.60.360 [Infractions], §22.60.370 [Injunction], §22.60.380 [Enforcement], §22.60.390 [Zoning enforcement order and noncompliance fee]; LACC Title 26 Building Code including §26.103 [Violations and Penalties], §26.104 [Organization and Enforcement], §26.105 [Appeals Boards], §26.106 [Permits], §26.107 [Fees], §26.108 [Inspections]; LACFCD Code Chapter 21 Stormwater and Runoff Pollution Control including §21.01 [Purpose and Intent], §21.03 [Definitions], §21.05 [Standards, Guidelines, and Criteria], §21.07 [Prohibited Discharges], §21.09 [Installation or Use of Illicit Connections Prohibited], §21.11 [Littering Prohibited], §21.13 [Evidence of Compliance with Permit Requirements for Industrial or Commercial Activity], §21.15 [Notification of Uncontrolled Discharges Required], §21.17 [Requirement to Monitor and Analyze], §21.21 [Severability], §21.23 [Violation a Public Nuisance]; California Government Code §6502, §23004, §8100 et seq.
City of Beverly Hills	BHMC §§ 9-4-504G Prohibited Activities; BHMC §§ 9-4-504H Exempted Discharges, Conditionally Exempted Discharges, or Designated Discharges
City of Culver City	CCMC 5.05.005 Title; CCMC 5.05.010 Findings; CCMC 5.05.015 Purpose and Intent; CCMC 5.05.020 Definitions; CCMC 5.05.025 Prohibited Activities; CCMC 5.05.030 Requirements for existing properties, good housekeeping provisions; CCMC 5.05.035 Requirements for Industrial/Commercial and Construction Activities; CCMC 5.05.040 Standard Urban Stormwater Mitigation Plan (SUSMP) requirements for new development and redevelopment projects; CCMC 5.05.045 Enforcement; CCMC 5.05.050 Fees; California Government Code §6502; California Governement Code §23004
City of Inglewood	IMC §1-18 Penalty Provisions; IMC §1-3; IMC §10-211 Enforcement; IMC §11-11.1; IMC §1-18.3 Authority of City Attorney to File Misdemeanor Charges
City of West Hollywood	WHMC Chapter 1.08 General Penalty Provisions; WHMC Chapter 15.56 Stormwater and Urban Runoff Pollution Control; 1 – Criminal Citation (judicial); 2 – Administrative Citation (administrative); 3 – Administrative Cease and Desist Order (administrative); 4 – Civil Nuisance Abatement (judicial); 5 – Civil Injunction (judicial); 6 – Permit Revocation/Modification (administrative); 7 – All other criminal and civil remedies available by law
City of Santa Monica	SMMC Chapter 5.20 – Sections 5.20.010 through 5.20.620; SMMC Chapter 7.10 – Sections 7.10.010 through 7.10.080

Table 14 Legal Authority for Permit Section VI.A.2.b.ii

These statements must include: (ii) Identification of the local administrative and legal procedures available to mandate compliance with applicable municipal ordinances identified in subsection (i) above and therefore with the conditions of this Order, and a statement as to whether enforcement actions can be completed administratively or whether they must be commenced and completed in the judicial system.	
Agency	**Water Quality Ordinance**
City of Los Angeles	LAMC 64.70.06; LAMC 64.70.07; Previously listed LAMC ordinances
County of Los Angeles	LACC §12.80.550 [Enforcement – Director's powers and duties]; LACC §12.80.600 [Notice to correct violations – Director may take action]; LACC §12.80.610 [Violation a public nuisance]; LACC §12.80.620 [Nuisance abatement – Director to perform work when – Costs]; LACC §12.80.630 [Violation – Penalty]; LACC §12.80.635 [Administrative fines]; LACC §12.80.640 [Penalties not exclusive]; LACC §12.84.450 [LID Plan Review]; LACC §12.84.460 [Additional Requirements]; Title 26 §103 [Violations and Penalties]; Title 26 §104 [Organization and Enforcement]; Title 26 §105 [Appeals Board]; Title 26 §106 [Permits]; LACC §22.60.330 [General prohibitions]; LACC §22.60.340 [Violations]; LACC §22.60.350 [Public nuisance]; LACC §22.60.360 [Infractions]; LACC §22.60.370 [Injunction]; LACC §22.60.380 [Enforcement]; LACC §22.60.390 [Zoning enforcement order and noncompliance fee]; LACFCD Code §21.05 [Standards, Guidelines, and Criteria]; LACFCD Code §21.07 [Prohibited Discharges]; LACFCD Code §21.09 [Installation or Use of Illicit Connections Prohibited]; LACFCD Code §21.11 [Littering Prohibited]; LACFCD Code §21.13 [Evidence of Compliance with Permit Requirements for Industrial or Commercial Activity]; LACFCD Code §21.15 [Notification of Uncontrolled Discharges Required]; LACFCD Code §21.17 [Requirement to Monitor and Analyze]; LACFCD Code §21.23 [Violation a Public Nuisance]
City of Beverly Hills	BHMC §§ 9-4-504G Prohibited Activities; BHMC §§ 9-4-504H Exempted Discharges, Conditionally Exempted Discharges, or Designated Discharges
City of Culver City	CCMC 5.05.045(E)
City of Inglewood	IMC §1-18 Penalty Provisions; IMC §1-3; IMC §10-211 Enforcement; IMC §11-11.1; IMC §1-18.3 Authority of City Attorney to File Misdemeanor Charges
City of West Hollywood	WHMC 15.56; The City, as a municipal corporation, has authority to enter into contracts that enable it to carry out its necessary functions, including the power to enter into interagency agreements to control the contribution of pollutants from one portion of the shared MS4 to another.
City of Santa Monica	SMMC Chapter 5.20 – Section 5.20.500 (Notice of Violation), 5.20.510 (Consent Orders), 5.20.520 (Show Cause Hearing), 5.20.530 (Compliance Orders), 5.20.540 (Cease and Desist Orders), 5.20.550 (Liability for Costs of Correction Arising From Unlawful Discharge), 5.20.560 (industrial Wastewater Permit Suspension or Revocation Order), 5.20.570 (Disconnection of Nonpermitted Violators), 5.20.580 (Additional Emergency Remedial Measures), 5.20.590 (Injunctive Relief), 5.20.600 (Civil Liability), 5.20.610 (Criminal Prosecution), and 5.20.620 (Water Supply Severance); SMMC Chapter 7.10 – Sections 7.10.070 (Enforcement and penalties), 7.10.080 (Additional best management practice requirements)

Appendix 2.B
Legal Authority Documentation

City of Beverly Hills

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December 1, 2014

VIA ELECTRONIC TRANSMISSION

Mr. Samuel Unger
Executive Officer
Los Angeles Regional Quality Control Board
320 W. 4th Street, Suite 200
Los Angeles, CA 90013
sunger@waterboards.ca.gov

Re: Legal Authority of the City of Beverly Hills to Implement and Enforce the Requirements of 40 C.F.R. § 122.26(d)(2)(i)(A-F) and RWQCB Order R4-2012-0175, NPDES Permit CAS004001

Dear Mr. Unger:

The City of Beverly Hills (the "City"), by and through its City Attorney, hereby submits the following certification ("Statement"), pursuant to Section VI.A.2.b of Order R4-2012-0175 (NPDES Permit CAS004001), issued by the California Regional Water Quality Control Board, Los Angeles Region ("RWQCB") on November 8, 2012 and entitled "Waste Discharge Requirements for Municipal Separate Storm Sewer System ("MS4") Discharges within the Coastal Watersheds of Los Angeles County, Except Those Discharges Originating from the City of Long Beach MS4" (the "Permit").

The City is one of the co-permittees under the Permit. Section VI.A.2.b of the Permit requires the City to provide the RWQCB with a statement by its chief legal counsel, certifying that the City has the legal authority to implement and enforce each of the current requirements set forth in 40 C.F.R. § 122.26(d)(2)(i)(A-F) and the Permit. The purpose of this Statement is to describe the City's compliance with Section VI.A.2.b of the Permit. As discussed in further detail herein, it is our opinion that the City has the necessary legal authority to implement the Permit and to control and prohibit discharges of pollutants into the Municipal Separate Storm Sewer System ("MS4"). However, this Statement is not, nor should it be construed as, a waiver of any rights that the City may have relating to the Permit.

1. Legal Authority Statement

In our opinion, the City has the necessary legal authority to comply with the legal requirements imposed upon it under the Permit, consistent with the requirements set

forth in the U.S. Environmental Protection Agency's regulations promulgated under the Clean Water Act, and, specifically, 40 C.F.R. § 122.26(d)(2)(i)(A-F), and to the extent permitted by state and federal law and subject to the limitations on municipal action under the California and United States Constitutions.

The City, as a general law city, has broad general police powers under the California Constitution to enact legislation to promote the health and welfare of the community to the extent not preempted by federal or state law. In addition, the City adopted ordinances for the purpose of ensuring that it has adequate legal authority to implement and enforce its storm water control program. The City has the authority under the California Constitution and state statutes to enact and enforce these ordinances, and these ordinances were duly enacted.

2. Ordinances

The City has adopted ordinances related to the regulation of urban runoff to control and prohibit discharges of pollutants into the MS4 and to comply with the requirements of the Permit applicable to it, as well as, to the extent applicable, 40 C.F.R. § 122.26(d)(2)(i)(A)-(F). The City's Storm Water Ordinance (Article 5 of Chapter 4 of Title 9 of the Beverly Hills Municipal Code ("BHMC")) is the principal City ordinance addressing the control of urban runoff. In addition, we cite below the BHMC sections that implement and enforce the following requirements of 40 C.F.R. § 122.26(d)(2)(i)(A)-(F) and the Permit:

i. 40 C.F.R. § 122.26(d)(2)(i)(A); Permit Section VI.A.2.a.i: Control the contribution of pollutants to its MS4 from storm water discharges associated with industrial and construction activity and control the quality of storm water discharged from industrial and construction sites. This requirement applies both to industrial and construction sites with coverage under an NPDES permit, as well as to those sites that do not have coverage under an NPDES permit (BHMC §§ 9-4-504 – Prohibited Activities; and 9-4-507 – Requirements for Construction Activities);

ii. 40 C.F.R. § 122.26(d)(2)(i)(C); Permit Section VI.A.2.a.ii: Prohibit all non-storm water discharges through the MS4 to receiving waters not otherwise authorized or conditionally exempt pursuant to Part III.A (BHMC § 9-4-504.F – Prohibited Activities);

iii. 40 C.F.R. § 122.26(d)(2)(i)(B); Permit Section VI.A.2.a.iii: Prohibit and eliminate illicit discharges and illicit connections to the MS4 (BHMC § 9-4-504.A – Prohibited Activities);

iv. 40 C.F.R. § 122.26(d)(2)(i)(C); Permit Section VI.A.2.a.iv: Control the discharge of spills, dumping, or disposal of materials other than storm water to its MS4 (BHMC § 9-4-504 – Prohibited Activities);

v. 40 C.F.R. § 122.26(d)(2)(i)(E); Permit Section VI.A.2.a.v: Require compliance with conditions in its ordinances, permits, contracts or orders (*i.e.*, hold dischargers to its MS4 accountable for their contributions of pollutants and flows) (BHMC §§ 9-4-504.G – Prohibited Activities; and 9-4-509 – Enforcement);

vi. 40 C.F.R. § 122.26(d)(2)(i)(E)-(F); Permit Section VI.A.2.a.vi: Utilize enforcement mechanisms to require compliance with applicable ordinances, permits, contracts, or orders (BHMC § 9-4-509 – Enforcement);

vii. 40 C.F.R. § 122.26(d)(2)(i)(D); Permit Section VI.A.2.a.vii: Control the contribution of pollutants from one portion of the shared MS4 to another portion of the MS4 through interagency agreements among copermittees (BHMC §§ 9-4-504.G – Prohibited Activities; and 9-4-504.H – Exempted Discharges, Conditionally Exempted Discharges, or Designated Discharges);

viii. 40 C.F.R. § 122.26 (d)(2)(i)(D); Permit Section VI.A.2.a.viii: Control of the contribution of pollutants from one portion of the shared MS4 to another portion of the MS4 through interagency agreements with other owners of the MS4 such as the State of California Department of Transportation (BHMC §§ 9-4-504.G – Prohibited Activities; and 9-4-504.H – Exempted Discharges, Conditionally Exempted Discharges, or Designated Discharges);

ix. 40 C.F.R. § 122.26(d)(2)(i)(F); Permit Section VI.A.2.a.ix: Carry out all inspections, surveillance, and monitoring procedures necessary to determine compliance and noncompliance with applicable municipal ordinances, permits, contracts and orders, and with the provisions of this Order, including the prohibition of non-storm water discharges into the MS4 and receiving waters. This means the City has the authority to enter, monitor, inspect, take measurements, review and copy records, and require regular reports from entities discharging into its MS4 (BHMC §§ 9-4-506 – Urban Runoff and Storm Water Mitigation Plans for New Development and Redevelopment Projects; 9-4-509 – Enforcement; 1-3-103 – Public Nuisances; and Chapter 3 of Title 1 – Code Violations);

x. 40 C.F.R. § 122.26(d)(2)(i)(E); Permit Section VI.A.2.a.x: Require the use of control measures to prevent or reduce the discharge of pollutants to achieve

water quality standards/receiving water limitations (BHMC §§ 9-4-506 – Urban Runoff and Storm Water Mitigation Plans for New Development and Redevelopment Projects; 9-4-509 – Enforcement; and 1-3-103 – Public Nuisances);

xi. 40 C.F.R. § 122.26(d)(2)(i)(E); Permit Section VI.A.2.a.xi: Require that structural BMPs are properly operated and maintained (BHMC §§ 9-4-506 – Urban Runoff and Storm Water Mitigation Plans for New Development and Redevelopment Projects; 9-4-509 – Enforcement); and

xii. 40 C.F.R. § 122.26(d)(2)(i)(E); Permit Section VI.A.2.a.xii: Require documentation on the operation and maintenance of structural BMPs and their effectiveness in reducing the discharge of pollutants to the MS4 (BHMC §§ 9-4-506 – Urban Runoff and Storm Water Mitigation Plans for New Development and Redevelopment Projects; 9-4-509 – Enforcement).

3. Implementation

Some of the City's ordinances are implemented through permit programs and others are implemented as regulatory programs. Under each ordinance, one or more City departments or department directors are authorized and directed in each ordinance to take the actions contemplated by the ordinance (*e.g.*, to consider evidence and make findings, to issue or deny permits, to impose conditions on projects, to inspect, to take enforcement action, etc.).

The City's Storm Water Ordinance (Article 5 of Chapter 4 of Title 9 of the BHMC) is the principal City ordinance addressing the control of urban runoff. This ordinance is regulatory, and applies to specified new and existing residential and business uses and associated facilities and activities, as well as new development and redevelopment, and all other specified new and existing facilities and activities that threaten to discharge pollutants within the boundaries of the City and within its regulatory jurisdiction, whether or not a City permit or approval is required. The City's Storm Water Ordinance also contains discharge prohibitions and requirements for the implementation of BMPs and other requirements necessary to implement the Permit.

Other City departments require compliance with the City's Storm Water Ordinance as a condition of issuance of relevant City permits. City departments may also impose specific conditions of approval consistent with the City's Storm Water Ordinance. All City environmental ordinances are also implemented, in part, through the application of the CEQA process to proposed projects.

4. Administrative and Judicial/Legal Procedures

In addition to the above authority, the City has in place various legal and administrative procedures to assist in enforcing the various urban runoff related Ordinances, including the following:

A. Administrative Remedies

- General Penalties (Chapter 3 of Title 1 of the BHMC; and BHMC § 9-4-509,)
- Administrative Penalties and Citations (Article 3 of Chapter 3 of Title 1 of the BHMC; and BHMC § 9-4-509)

B. Nuisance Remedies

- Public nuisance under State law
- City nuisance abatement (BHMC §§ 1-3-103 and 9-4-509.A)

C. Criminal Remedies

- Misdemeanor citations/prosecution (Article 1 of Chapter 3 of Title 1 of the BHMC)

D. Equitable Remedies

- Injunctive relief under State law and the Beverly Hills Municipal Code
- Declaratory relief under State law

E. Other Civil Remedies

- Federal law claims (*e.g.*, Clean Water Act and Resource Conservation and Recovery Act Citizen Suits)

- Remedies under the California Government Code

Violations of the City's Storm Water Ordinance are deemed a "public nuisance", in which case enforcement actions can be completed administratively, or judicially when necessary.

Please contact me if you have any questions or if you need any additional information regarding the City's legal authority to enforce the Permit.

Very truly yours,

Laurence S. Wiener
City Attorney
City of Beverly Hills

cc: Mahdi Aluzri, Assistant City Manager
George Chavez, Director of Public Works Services
Trish Rhay, Utilities Manager
Josette Descalzo, Water Quality Specialist
Candice K. Lee, Esq.
Norman A. Dupont, Esq.

Culver City

OFFICE OF THE CITY ATTORNEY

CITY OF CULVER CITY

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CAROL A. SCHWAB

City Attorney

Mr. Sam Unger, Executive Officer
Los Angeles Regional Water Quality Control Board
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Attention Mr. Ivar Ridgeway

Dear Mr. Unger:

CERTIFICATION BY LEGAL COUNSEL FOR THE CITY OF CULVER CITY CONFIRMING LEGAL AUTHORITY TO IMPLEMENT THE PROVISIONS OF THE MUNICIPAL STORMWATER PERMIT

I write pursuant to Part VI(A)(2)(b) of Order No. R4-2012-0175, otherwise known as the Municipal Separate Stormwater Sewer System (MS4) Permit (the "Order"). Part VI(A)(2)(b) of the Permit provides:

> *"Each Permittee must submit a statement certified by its chief legal counsel that the Permittee has the legal authority within its jurisdiction to implement and enforce the requirements contained in 40 CFR §122.26(d)(2)(i)(A-F) and this Order."*

The Office of the City Attorney of the City of Culver City (City), serving as its legal counsel, certifies that the City has the legal authority within its jurisdiction to implement and enforce the requirements contained in 40 CFR §122.26(d)(2)(i)(A-F) and the Order. This correspondence addresses all legal authority requirements as listed in the Order. Subsequently, annual certification by our office will be included in the Stormwater Annual Report as required by the Order.

Order Part VI (A)(2)(b)(i) – "Citation of applicable municipal ordinances or other appropriate legal authorities and their relationship to the requirements of 40 CFR §122.26(d)(2)(i)(A-F) and this Order"

Below is a list of applicable Culver City Municipal Code (CCMC) provisions that provide the requisite legal authorities:

5.05.005	Title
5.05.010	Findings
5.05.015	Purpose and intent
5.05.020	Definitions
5.05.025	Prohibited activities
5.05.030	Requirements for existing properties; good housekeeping provisions
5.05.035	Requirements for industrial/commercial and construction activities
5.05.040	Standard Urban Stormwater Mitigation Plan (SUSMP) requirements for new development and redevelopment projects
5.05.045	Enforcement
5.05.050	Fees

In addition, statewide regulations provide further legal authority with respect to intergovernmental authorities, specifically:

California Government Code §6502
California Government Code §23004

Relationship of Applicable Ordinances and Other Legal Authorities to the Requirements of 40 CFR §122.26(d)(2)(i)(A-F) and the Order.

The table below indicates the basic relationship between the "Legal Authority" requirements listed in Section VI(A)(2)(b) of the Order and the existing ordinances and statutes that provide this legal authority.

Legal Authority Required by Permit	City/State Legal Provisions
Part VI(A)(2)(i) Control the contribution of pollutants to its MS4 from storm water discharges associated with industrial and construction activity and control the quality of storm water discharged from industrial and construction sites. This requirement applies both to industrial and construction sites with coverage under a NPDES permit, as well as to those sites that do not have coverage under a NPDES permit.	5.05.035 5.05.025(D) 5.05.040
Part VI(A)(2)(ii) Prohibit all non-storm water discharges through the MS4 to receiving waters not otherwise authorized or conditionally exempt pursuant to Part III.A.	5.05.025 (A)(1)
Part VI(A)(2)(iii)	5.05.025 (A)(1)

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Prohibit and eliminate illicit discharges and illicit connections to the MS4.	
Part VI(A)(2)(iv) Control the discharge of spills, dumping, or disposal of materials other than storm water to its MS4.	5.05.025 (A)(1)
Part VI(A)(2)(v) Require compliance with conditions in Permittee ordinances, permits, contracts or orders (i.e., hold dischargers to its MS4 accountable for their contributions of pollutants and flows).	5.05.025 (F) 5.05.045
Part VI(A)(2)(vi) Utilize enforcement mechanisms to require compliance with applicable ordinances, permits, contracts, or orders.	5.05.045
Part VI(A)(2)(vii) Control the contribution of pollutants from one portion of the shared MS4 to another portion of the MS4 through interagency agreements among Co-permittees.	CA Government Code §6502 CA Government Code §23004
Part VI(A)(2)(viii) Control of the contribution of pollutants from one portion of the MS4 through interagency agreements with other owners of the MS4 such as the State of California Department of Transportation.	CA Government Code §6502 CA Government Code §23004
Part VI(A)(2)(ix) Carry out all inspections, surveillance, and monitoring procedures necessary to determine compliance and non-compliance with applicable municipal ordinances, permits, contracts and orders, and with the provisions of this Order, including the prohibition of non-storm water discharges into the MS4 and receiving waters. This means the Permittee must have authority to enter, monitor, inspect, take measurements, review and copy records, and require regular reports from entities discharging into its MS4.	5.05.045 (C)
Part VI(A)(2)(x) Require the use of control measures to prevent or reduce the discharge of pollutants to achieve water quality standards/receiving water limitations.	5.05.040
Part VI(A)(2)(xi) Require that structural BMPs are properly operated and maintained.	5.05.040 (G) & (H)

Part VI(A)(2)(xii) Require documentation on the operation and maintenance of structural BMPs and their effectiveness in reducing the discharge of pollutants to the MS4.	5.05.040 (G) & (H)
Part VI(A)(b)(ii) Identification of the local administrative and legal procedures available to mandate compliance with applicable municipal ordinances identified in subsection (i) above and therefore with the conditions of this Order, and a statement as to whether enforcement actions can be completed administratively or whether they must be commenced and completed in the judicial system.	5.05.045 (E) Enforcement actions can be completed administratively

If needed, please contact Kaden Young at (310) 253-6445 for further information.

Thank you,

Roland Miranda
Deputy City Attorney

Inglewood

CITY OF INGLEWOOD

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June 24, 2015

VIA ELECTRONIC TRANSMISSION

Mr. Samuel Unger
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sunger@waterboards.ca.gov

Re: Legal Authority of the City of Inglewood to Implement and Enforce the Requirements of 40 C.F.R. § 122.26(d)(2)(i)(A-F) and RWQCB Order R4-2012-0175, NPDES Permit CAS004001

Dear Mr. Unger:

The City of Inglewood (the "City"), by and through its City Attorney, hereby submits the following certification ("Statement"), pursuant to Section VI.A.2.b of Order R4-2012-0175 (NPDES Permit CAS004001), issued by the California Regional Water Quality Control Board, Los Angeles Region ("RWQCB") on November 8, 2012 and entitled "Waste Discharge Requirements for Municipal Separate Storm Sewer System ("MS4") Discharges within the Coastal Watersheds of Los Angeles County, Except Those Discharges Originating from the City of Long Beach MS4" (the "Permit").

The City is one of the co-permittees under the Permit. Section VI.A.2.b of the Permit requires the City to provide the RWQCB with a statement by its chief legal counsel, certifying that the City has the legal authority to implement and enforce each of the current requirements set forth in 40 C.F.R. § 122.26(d)(2)(i)(A-F) and the Permit. The purpose of this Statement is to describe the City's compliance with Section VI.A.2.b of the Permit. As discussed in further detail herein, it is our opinion that the City has the necessary legal authority to implement the Permit and to control and prohibit discharges of pollutants into the Municipal Separate Storm Sewer System ("MS4"). However, this Statement is not, nor should it be construed as, a waiver of any rights that the City may have relating to the Permit.

1. Legal Authority Statement

In our opinion, the City has the necessary legal authority to comply with the legal requirements imposed upon it under the Permit, consistent with the requirements set forth in the U.S. Environmental Protection Agency's regulations promulgated under the Clean Water Act, and, specifically, 40 C.F.R. § 122.26(d)(2)(i)(A-F), and to the extent permitted by state and federal law and subject to the limitations on municipal action under the California and United States Constitutions, except as noted herein.

The City has broad general police powers under the California Constitution to enact legislation for health and public welfare of the community to the extent not preempted by federal or state law. In addition, the City adopted ordinances for the purpose of ensuring that it has adequate legal authority to implement and enforce its stormwater control program. The City has the authority under the California Constitution and state law to enact and enforce these ordinances, and these ordinances were duly enacted.

2. Ordinances

The City has adopted ordinances related to the regulation of urban runoff to control and prohibit discharges of pollutants into the MS4 and to comply with the requirements of the Permit applicable to it, as well as, to the extent applicable, 40 C.F.R. § 122.26 (d)(2)(i)(A)-(F). The City's Stormwater Ordinance (Article 16 of Chapter 10 of the Inglewood Municipal Code ("IMC")) is the principal City ordinance addressing the control of urban runoff. Under this Stormwater Ordinance, the City has the necessary legal authority to do the following:

i. 40 C.F.R. § 122.26(d)(2)(i)(A); Permit Section VI.A.2.a.i: Control the contribution of pollutants to its MS4 from stormwater discharges associated with industrial and construction activity and control the quality of stormwater discharged from industrial and construction sites. This requirement applies both to industrial and construction sites with coverage under an NPDES permit, as well as to those sites that do not have coverage under an NPDES permit (IMC § 10-207 – Requirements for Industrial/Commercial and Construction Activities);

ii. 40 C.F.R. § 122.26(d)(2)(i)(C); Permit Section VI.A.2.a.ii: Prohibit all non-stormwater discharges through the MS4 to receiving waters not otherwise authorized or conditionally exempt pursuant to Part III.A (IMC § 10-204 – Prohibited Activities; IMC § 10-206 – Requirements for Existing Properties);

iii. 40 C.F.R. § 122.26(d)(2)(i)(B); Permit Section VI.A.2.a.iii: Prohibit and eliminate illicit discharges and illicit connections to the MS4 (IMC § 10-204 – Prohibited Activities);

iv. 40 C.F.R. § 122.26(d)(2)(i)(C); Permit Section VI.A.2.a.iv: Control the discharge of spills, dumping, or disposal of materials other than stormwater to its MS4 (IMC § 10-204 – Prohibited Activities; IMC § 10-206 – Requirements for Existing Properties; IMC § 10-211 – Enforcement);

v. 40 C.F.R. § 122.26(d)(2)(i)(E); Permit Section VI.A.2.a.v: Require compliance with conditions in Permittee ordinances, permits, contracts or orders (*i.e.*, hold dischargers to its MS4 accountable for their contributions of pollutants and flows) (IMC § 10-211 – Enforcement);

vi. 40 C.F.R. § 122.26(d)(2)(i)(E)-(F); Permit Section VI.A.2.a.vi: Utilize enforcement mechanisms to require compliance with applicable ordinances, permits, contracts, or orders (IMC § 10-211 – Enforcement);

vii. 40 C.F.R. § 122.26(d)(2)(i)(D); Permit Section VI.A.2.a.vii: Control the contribution of pollutants from one portion of the shared MS4 to another portion of the MS4 through interagency agreements among Co-permittees (IMC § 10-204 – Prohibited Activities; IMC § 10-211 – Enforcement);

viii. 40 C.F.R. § 122.26 (d)(2)(i)(D); Permit Section VI.A.2.a.viii: Control of the contribution of pollutants from one portion of the shared MS4 to another portion of the MS4 through interagency agreements with other owners of the MS4 such as the State of California Department of Transportation (IMC § 10-204 – Prohibited Activities; IMC § 10-211 – Enforcement);

ix. 40 C.F.R. § 122.26(d)(2)(i)(F); Permit Section VI.A.2.a.ix: Carry out all inspections, surveillance, and monitoring procedures necessary to determine compliance and noncompliance with applicable municipal ordinances, permits, contracts and orders, and with the provisions of this Order, including the prohibition of non-stormwater discharges into the MS4 and receiving waters. This means the Permittee must have authority to enter, monitor, inspect, take measurements, review and copy records, and require regular reports from entities discharging into its MS4 (IMC § 10-208 – Low Impact Development Requirements for New Development and Redevelopment; IMC § 10-211 – Enforcement);

x. 40 C.F.R. § 122.26(d)(2)(i)(E); Permit Section VI.A.2.a.x: Require the use of control measures to prevent or reduce the discharge of pollutants to achieve water quality standards/receiving water limitations (IMC § 10-208 – Low Impact Development Requirements for New Development and Redevelopment; IMC § 10-204 – Prohibited Activities; IMC § 10-206 – Requirements for Existing Properties; IMC § 10-211 – Enforcement);

xi. 40 C.F.R. § 122.26(d)(2)(i)(E); Permit Section VI.A.2.a.xi: Require that structural BMPs are properly operated and maintained (IMC § 10-208 – Low Impact Development Requirements for New Development and Redevelopment; IMC § 10-206 – Requirements for Existing Properties; and IMC § 10-207 – Requirements for Industrial/Commercial and Construction Activities); and

xii. 40 C.F.R. § 122.26(d)(2)(i)(E); Permit Section VI.A.2.a.xii: Require documentation on the operation and maintenance of structural BMPs and their effectiveness in reducing the discharge of pollutants to the MS4 (IMC § 10-208 – Low Impact Development Requirements for New Development and Redevelopment; IMC § 10-206 – Requirements for Existing Properties; IMC § 10-211 – Enforcement).

Furthermore, in June 2015, the City updated its Stormwater Ordinance to include regulations specifically addressing low impact development to comply with the Permit's Planning and Land

Development Program requirements. The City's LID provisions of its Stormwater Ordinance are located in IMC § 10-208 – Low Impact Development Requirements for New Development and Redevelopment.

3. Implementation

Some of the City's ordinances are implemented through permit programs and others are implemented as regulatory programs. Under each ordinance, one or more City bodies, departments, or department directors are authorized and directed in each ordinance to take the actions contemplated by the ordinance (*e.g.*, to consider evidence and make findings, to issue or deny permits, to impose conditions on projects, to inspect, to take enforcement action, etc.).

The City's Stormwater Ordinance (IMC Article 16 of Chapter 10) is the principal City ordinance addressing the control of urban runoff. This ordinance is regulatory, and applies to specified new and existing residential and business communities and associated facilities and activities, as well as new development and redevelopment, and all other specified new and existing facilities and activities that threaten to discharge pollutants within the boundaries of the City and within its regulatory jurisdiction, whether or not a City permit or approval is required. The City's Stormwater Ordinance also contains discharge prohibitions and requirements for the implementation of BMPs and other requirements necessary to implement the Permit.

Other City departments require compliance with the City's Stormwater Ordinance as a condition for issuance of relevant City permits. City departments may also impose specific conditions of approval consistent with the City's Stormwater Ordinance. All City environmental ordinances are also implemented, in part, through the application of the CEQA process to proposed projects.

4. Administrative and Judicial/Legal Procedures

In addition to the above authority, the City has in place various legal and administrative procedures to assist in enforcing the various urban run-offs related Ordinances, including the following:

A. Administrative Remedies

- General Penalties (IMC § 1-18 – Penalty Provisions)
- Administrative Penalties and Compliance Orders (IMC Article 3 of Chapter 1; IMC § 10-211 – Enforcement).

B. Nuisance Remedies

- Public nuisance under State law and the Municipal Code (IMC § 10-211 – Enforcement).
- City nuisance abatement procedures (IMC Article 11.1 of Chapter 11)

C. Criminal Remedies

- Misdemeanor citations/prosecution (IMC § 1-18 – Penalty Provisions; IMC § 1-18.3 – Authority of City Attorney to File Misdemeanor Charges; IMC § 10-211 – Enforcement).

D. Equitable Remedies

- Injunctive relief under State law.
- Declaratory relief under State law.

E. Other Civil Remedies

- Federal law claims (*e.g.*, Clean Water Act and Resource Conservation and Recovery Act Citizen Suits).
- Remedies under the California Government Code.

Violations of the City's Stormwater Ordinance are deemed a "public nuisance," in which case enforcement actions can be completed administratively, or judicially when necessary.

Please contact me if you have any questions or if you need any additional information regarding the City's legal authority to enforce the Permit.

Very truly yours,

Kenneth R. Campos
City Attorney

City of Los Angeles

CITY OF LOS ANGELES
CALIFORNIA

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January 22, 2015

Mr. Sam Unger, Executive Officer
Los Angeles Regional Water Quality Control Board
320 West 4th Street, Suite 200
Los Angeles, CA 90013

Attention Mr. Ivar Ridgeway

Dear Mr. Unger:

CERTIFICATION BY LEGAL COUNSEL FOR THE CITY OF LOS ANGELES CONFIRMING LEGAL AUTHORITY TO IMPLEMENT THE PROVISIONS OF THE MUNICIPAL STORMWATER PERMIT

I write pursuant to Part VI(A)(2)(b) of Order No. R4-2012-0175,otherwise known as the Municipal Separate Stormwater Sewer System (MS4) Permit (the "Order"). Part VI(A)(2)(b) of the Permit provides:

> *"Each Permittee must submit a statement certified by its chief legal counsel that the Permittee has the legal authority within its jurisdiction to implement and enforce the requirements contained in 40 CFR §122.26(d) (2) (i) (AF) and this Order."*

The Office of the City Attorney of the City of Los Angeles (City), serving as its legal counsel, certifies that the City has the legal authority within its jurisdiction to implement and enforce the requirements contained in 40 CFR §122.26(d)(2)(i)(A-F) and of the Order. This correspondence addresses all legal authority requirements as listed in the Order. Subsequently, annual certification by our office will be included in the Stormwater Annual Report as required by the Order.

Order Part VI(A)(2)(b)(i) - "Citation of applicable municipal ordinances or other appropriate legal authorities and their relationship to the requirements of 40 CFR §122.26(d) (2) (i) (A-F) and this Order"

Below is a list of applicable Los Angeles Municipal Code (LAMC) provisions that provide the requisite legal authorities:

LAMC 64.70 General Provisions.
LAMC 64.70.01 Definitions and Abbreviations.
LAMC 64.70.02 Pollutant Discharge Control.
LAMC 64.70.03 Elimination of Illicit Discharges and Illicit Connections.
LAMC 64.70.05 Authority to Inspect.
LAMC 64.70.06 Authority to Arrest and Issue Citations.
LAMC 64.70.07 Enforcement.
LAMC 64.70.08 Remedies Not Exclusive.
LAMC 64.70.09 Liability for Costs of Correction Arising from Unlawful Discharge.
LAMC 64.70.10 Disposition of Money Collected.
LAMC 64.70.11 Stormwater and Urban Runoff Pollution Education.
LAMC 64.70.12 Construction and Application.
LAMC 64.70.13 Severability.
LAMC 64.72 Stormwater Pollution Control Measures for Development Planning and Construction Activities.
LAMC 64.72.01 Authority of the Board of Public Works.
LAMC 64.72.02 Funds Collected from Waiver.
LAMC 64.72.03 Supplemental Provisions.
LAMC 64.72.04 Authority to Inspect and Enforce Stormwater Pollution Control Measures.
LAMC 64.72.05 LID Plan Check Fees.

In addition, statewide regulations provide further legal authorities with respect to intergovernmental authorities, specifically:

California Government Code §6502
California Government Code §23004

Relationship of Applicable Ordinances and Other Legal Authorities to the Requirements of 40CFR §122.26(d)(2)(i)(a-F) and the Order

The table below indicates the basic relationship between the "Legal Authority" requirements listed in Section VI(A)(2)(b) of the Order and the existing legal statutes that provide this legal authority.

Legal Authority Required by Permit	City/State Legal Provisions
VI.A.2.i. Control the contribution of pollutants to its MS4 from storm water discharges associated with industrial and construction activity and control the quality of storm water discharged from industrial and construction sites. This requirement applies both to industrial and construction sites with coverage under an NPDES permit, as well as to those sites that do not have coverage under an NPDES permit.	LAMC 64.70.02.B LAMC 64.70.02.C.1.a LAMC 64.70.02.D LAMC 64.70.03.A
ii. Prohibit all non-storm water discharges through the MS4 to receiving waters not otherwise authorized or conditionally exempt pursuant to Part III.A	LAMC 64.70.03.A
iii. Prohibit and eliminate illicit discharges and illicit connections to the MS4	LAMC 64.70.03.A LAMC 64.70.03.B
iv. Control the discharge of spills, dumping, or disposal of materials other than storm water to its MS4	LAMC 64.70.03.A
v. Require compliance with conditions in Permittee ordinances, permits, contracts or orders (i.e., hold dischargers to its MS4 accountable for their contributions of pollutants and flows)	LAMC 64.70.03.A LAMC 64.70.07
vi. Utilize enforcement mechanisms to require compliance with applicable ordinances, permits, contracts, or orders	LAMC 64.70.05.B.4 LAMC 64.70.05.B.6
vii. Control the contribution of pollutants from one portion of the shared MS4 to another portion of the MS4 through interagency agreements among Co-permittees	California Government Code §6502 California Government Code §23004
viii. Control of the contribution of pollutants from one portion of the shared MS4 to another portion of the MS4 through interagency agreements with other owners of the MS4 such as the State of California Department of Transportation	California Government Code §6502 California Government Code §23004

ix. Carry out all inspections, surveillance, and monitoring procedures necessary to determine compliance and noncompliance with applicable municipal ordinances, permits, contracts and orders, and with the provisions of this Order, including the prohibition of non-storm water discharges into the MS4 and receiving waters. This means the Permittee must have authority to enter, monitor, inspect, take measurements, review and copy records, and require regular reports from entities discharging into its MS4	LAMC 64.70.05.A LAMC 64.70.05.B LAMC 64.72.04.B
x. Require the use of control measures to prevent or reduce the discharge of pollutants to achieve water quality standards/receiving water limitations	LAMC 64.70.02.D
xi. Require that structural BMPs are properly operated and maintained	LAMC 64.70.02.D
xii. Require documentation on the operation and maintenance of structural BMPs and their effectiveness in reducing the discharge of pollutants to the MS4	LAMC 64.70.05.B.3
VI.A.b.ii. Identification of the local administrative and legal procedures available to mandate compliance with applicable municipal ordinances identified in subsection (i) above and therefore with the conditions of this Order, and a statement as to whether enforcement actions can be completed administratively or whether they must be commenced and completed in the judicial system.	The local administrative and legal procedures available to mandate compliance with the above LAMC provisions are specified in the provisions themselves with key enforcement provisions being LAMC 64.70.06 and LAMC 64.70.07

The City is in the process of updating the LAMC with respect to its stormwater regulations. These changes will be reported with the 2014-2015 annual report.

Very truly yours,

JOHN CARVALHO, Deputy City Attorney
City's Attorney Office

WPDCR9163

County of Los Angeles

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JOHN F. KRATTLI
County Counsel

December 16, 2013

Mr. Samuel Unger, P.E., Executive Officer
California Regional Water Quality Control Board – Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013-2343

Attention: Mr. Ivar Ridgeway

Re: Certification By Legal Counsel For Los Angeles County Flood Control District's Annual Report

Dear Mr. Unger:

Pursuant to the requirements of Part VI(A)(2)(b) of Order No. R4-2012-0175 (the "Order"), the Office of the County Counsel of the County of Los Angeles makes the following certification in support of the Annual Report of the Los Angeles County Flood Control District ("LACFCD"):

Certification Pursuant To Order Part VI(A)(2)(b)

"*Each Permittee must submit a statement certified by its chief legal counsel that the Permittee has the legal authority within its jurisdiction to implement and enforce the requirements contained in 40 CFR §122.26(d)(2)(i)(A-F) and this Order.*"

LACFCD has the legal authority within its jurisdiction to implement and enforce each of the requirements contained in 40 CFR §122.26(d)(2)(i)(A-F) and the Order.

Order Part VI(A)(2)(b)(i)

"*Citation of applicable municipal ordinances or other appropriate legal authorities and their relationship to the requirements of 40 CFR §122.26(d)(2)(i)(A-F) and this Order*"

Citations Of Applicable Ordinances Or Other Legal Authorities

Although many portions of State law, the Charter of the County of Los Angeles, the Los Angeles County Code and LACFCD's Flood Control District Code ("Code") are potentially applicable to the implementation and enforcement of these requirements, the primary applicable laws and ordinances are as follows:

Los Angeles County Code, Title 12, Chapter 12.80 STORMWATER AND RUNOFF POLLUTION CONTROL, including:

§12.80.010 - §12.80.360 Definitions

§12.80.370 Short title.

§12.80.380 Purpose and intent.

§12.80.390 Applicability of this chapter.

§12.80.400 Standards, guidelines and criteria.

§12.80.410 Illicit discharges prohibited.

§12.80.420 Installation or use of illicit connections prohibited.

§12.80.430 Removal of illicit connection from the storm drain system.

§12.80.440 Littering and other discharge of polluting or damaging substances prohibited.

§12.80.450 Stormwater and runoff pollution mitigation for construction activity.

§12.80.460 Prohibited discharges from industrial or commercial activity.

§12.80.470 Industrial/commercial facility sources required to obtain a NPDES permit.

§12.80.480 Public facility sources required to obtain a NPDES permit.

§12.80.490 Notification of uncontrolled discharges required.

§12.80.500 Good housekeeping provisions.

§12.80.510 Best management practices for construction activity.

§12.80.520 Best management practices for industrial and commercial facilities.

§12.80.530 Installation of structural BMPs.

§12.80.540 BMPs to be consistent with environmental goals.

§12.80.550 Enforcement—Director's powers and duties.

§12.80.560 Identification for inspectors and maintenance personnel.

§12.80.570 Obstructing access to facilities prohibited.

§12.80.580 Inspection to ascertain compliance—Access required.

§12.80.590 Interference with inspector prohibited.

§12.80.600 Notice to correct violations—Director may take action.

§12.80.610 Violation a public nuisance.

§12.80.620 Nuisance abatement—Director to perform work when—Costs.

§12.80.630 Violation—Penalty.

§12.80.635 Administrative fines.

§12.80.640 Penalties not exclusive.

§12.80.650 Conflicts with other code sections.

§12.80.660 Severability.

§12.80.700 Purpose.

§12.80.710 Applicability.

§12.80.720 Registration required.

§12.80.730 Exempt facilities.

§12.80.740 Certificate of inspection—Issuance by the director.

§12.80.750 Certificate of inspection—Suspension or revocation.

§12.80.760 Certificate of inspection—Termination.

§12.80.770 Service fees.

§12.80.780 Fee schedule.

§12.80.790 Credit for overlapping inspection programs.

§12.80.800 Annual review of fees.

Los Angeles County Code, Title 12, Chapter 12.84 LOW IMPACT DEVELOPMENT STANDARDS, including:

§12.84.410 Purpose.

§12.84.420 Definitions.

§12.84.430 Applicability.

§12.84.440 Low Impact Development Standards.

§12.84.445 Hydromodification Control.

§12.84.450 LID Plan Review.

§12.84.460 Additional Requirements.

Los Angeles County Code, Title 22 PLANNING AND ZONING, Part 6 ENFORCEMENT PROCEDURES, including:

§22.60.330 General prohibitions.

§22.60.340 Violations.

§22.60.350 Public nuisance.

§22.60.360 Infractions.

§22.60.370 Injunction.

§22.60.380 Enforcement.

§22.60.390 Zoning enforcement order and noncompliance fee.

Los Angeles County Code, Title 26 BUILDING CODE, including:

§26.103 Violations And Penalties

§26.104 Organization And Enforcement

§26.105 Appeals Boards

§26.106 Permits

§26.107 Fees

§26.108 Inspections

LACFCD Code Chapter 21 - STORMWATER AND RUNOFF POLLUTION CONTROL including:

§21.01 Purpose and Intent

§21.03 Definitions

§21.05 Standards, Guidelines, and Criteria

§21.07 Prohibited Discharges

§21.09 Installation or Use of Illicit Connections Prohibited

§21.11 Littering Prohibited

§21.13 Evidence of Compliance With Permit Requirements for Industrial or Commercial Activity

§21.15 Notification of Uncontrolled Discharges Required

§21.17 Requirement to Monitor and Analyze

§21.19 Conflicts With Other Code Sections

§21.21 Severability

§21.23 Violation a Public Nuisance

California Government Code §6502

California Government Code §23004

California Water Code §8100 *et. seq.*

Relationship Of Applicable Ordinances Or Other Legal Authorities To The Requirements of 40 CFR §122.26(d)(2)(i)(A-F) And The Order

Although, depending upon the particular issue, there may be multiple ways in which particular sections of the County of Los Angeles' ordinances, LACFCD's ordinances, and statutes relate to the requirements contained in 40 CFR §122.26(d)(2)(i)(A-F) and the Order, the table below indicates the basic relationship with Part VI(A)(2)(a) of the Order:

Order Part VI(A)(2)(a) Items	**Primary Applicable Ordinance/Statute**
i. Control the contribution of pollutants to its MS4 from storm water discharges associated with industrial and construction activity and control the quality of storm water discharged from industrial and construction sites. This requirement applies both to industrial and construction sites with coverage under an NPDES permit, as well as to those sites that do not have coverage under an NPDES permit.	Los Angeles County Code: §12.80.410 [illicit discharge prohibited]; §12.80.450 [construction] §12.80.460 [industrial and commercial] §12.80.470 and .480 [industrial and commercial NPDES requirements] §12.84.440 [LID standards] §12.84.445 [hydromodification control] §12.84.450 [LID Plan Review] §22.60.330 [general prohibitions] §22.60.340 [violations] §22.60.350 [public nuisance] §22.60.360 [infractions] §22.60.370 [injunction] §22.60.380 [enforcement.] §22.60.390 [zoning enforcement order] §26.103 [violations and penalties]

Order Part VI(A)(2)(a) Items	Primary Applicable Ordinance/Statute
	§26.104 [enforcement] §26.106 [permits] §26.108 [inspections] LACFCD Code: §21.05 Standards, Guidelines, and Criteria §21.07 Prohibited Discharges §21.13 Evidence of Compliance With Permit Requirements for Industrial or Commercial Activity §21.15 Notification of Uncontrolled Discharges Required §21.17 Requirement to Monitor and Analyze §21.23 Violation a Public Nuisance
ii. Prohibit all non-storm water discharges through the MS4 to receiving waters not otherwise authorized or conditionally exempt pursuant to Part III.A.	Los Angeles County Code: §12.80.410 [illicit discharge prohibited] LACFCD Code: §21.07 Prohibited Discharges
iii. Prohibit and eliminate illicit discharges and illicit connections to the MS4.	Los Angeles County Code: §12.80.410 [illicit discharge prohibited]; §12.80.420 [illicit connections prohibited] LACFCD Code: §21.05 Standards, Guidelines, and Criteria §21.07 Prohibited Discharges §21.09 Installation or Use of Illicit Connections Prohibited §21.23 Violation a Public Nuisance

Order Part VI(A)(2)(a) Items	Primary Applicable Ordinance/Statute
iv. Control the discharge of spills, dumping, or disposal of materials other than storm water to its MS4.	Los Angeles County Code: §12.80.410 [illicit discharge prohibited]; §12.80.440 [littering and other polluting prohibited] LACFCD Code: §19.07 Interference With or Placing Obstructions, Refuse, Contaminating Substances, or Invasive Species in Facilities Prohibited §21.05 Standards, Guidelines, and Criteria §21.07 Prohibited Discharges §21.09 Installation or Use of Illicit Connections Prohibited §21.11 Littering Prohibited §21.13 Evidence of Compliance With Permit Requirements for Industrial or Commercial Activity §21.15 Notification of Uncontrolled Discharges Required §21.17 Requirement to Monitor and Analyze §21.23 Violation a Public Nuisance
v. Require compliance with conditions in Permittee ordinances, permits, contracts or orders (i.e., hold dischargers to its MS4 accountable for their contributions of pollutants and flows).	Los Angeles County Code: §12.80.490 [notification of uncontrolled discharge] §12.80.570 [obstructing access to facilities] §12.80.580 [compliance inspection] §12.80.610 [violation a nuisance] §12.620 [nuisance abatement] §12.80.635 [violation penalty]

Order Part VI(A)(2)(a) Items	Primary Applicable Ordinance/Statute
	§12.80.640 [penalties not exclusive] §12.84.440 [LID standards] §12.84.445 [hydromodification control] §12.84.450 [LID Plan Review] §22.60.330 [general prohibitions] §22.60.340 [violations] §22.60.350 [public nuisance] §22.60.360 [infractions] §22.60.370 [injunction] §22.60.380 [enforcement.] §22.60.390 [zoning enforcement order] §26.103 [violations and penalties] §26.104 [enforcement] §26.106 [permits] §26.108 [inspections] LACFCD Code: §19.11 Violation a Public Nuisance §21.05 Standards, Guidelines, and Criteria §21.07 Prohibited Discharges §21.09 Installation or Use of Illicit Connections Prohibited §21.11 Littering Prohibited §21.13 Evidence of Compliance With Permit Requirements for Industrial or Commercial Activity §21.15 Notification of Uncontrolled Discharges Required §21.17 Requirement to Monitor and Analyze

Order Part VI(A)(2)(a) Items	Primary Applicable Ordinance/Statute
	§21.19 Conflicts With Other Code Sections §21.23 Violation a Public Nuisance
vi. Utilize enforcement mechanisms to require compliance with applicable ordinances, permits, contracts, or orders.	Same as item v., above
vii. Control the contribution of pollutants from one portion of the shared MS4 to another portion of the MS4 through interagency agreements among Copermittees.	California Government Code §6502 California Government Code §23004
viii. Control of the contribution of pollutants from one portion of the shared MS4 to another portion of the MS4 through interagency agreements with other owners of the MS4 such as the State of California Department of Transportation.	California Government Code §6502 California Government Code §23004
ix. Carry out all inspections, surveillance, and monitoring procedures necessary to determine compliance and noncompliance with applicable municipal ordinances, permits, contracts and orders, and with the provisions of this Order, including the prohibition of non-storm water discharges into the MS4 and receiving waters. This means the Permittee must have authority to enter, monitor, inspect, take measurements, review and copy records, and require regular reports from entities discharging into its MS4.	Los Angeles County Code: §12.80.490 [notification of uncontrolled discharge] §12.80.570 [obstructing access to facilities] §12.80.580 [compliance inspection] §12.80.610 [violation a nuisance] §12.80.620 [nuisance abatement] §12.80.635 [violation penalty] §12.80.640 [penalties not exclusive] §22.60.380 [enforcement.] §26.106 [permits] §26.108 [inspections]

Order Part VI(A)(2)(a) Items	Primary Applicable Ordinance/Statute
	LACFCD Code: §21.05 Standards, Guidelines, and Criteria §21.07 Prohibited Discharges §21.09 Installation or Use of Illicit Connections Prohibited §21.11 Littering Prohibited §21.13 Evidence of Compliance With Permit Requirements for Industrial or Commercial Activity §21.15 Notification of Uncontrolled Discharges Required §21.17 Requirement to Monitor and Analyze §21.23 Violation a Public Nuisance
x. Require the use of control measures to prevent or reduce the discharge of pollutants to achieve water quality standards/receiving water limitations.	Los Angeles County Code: §12.80.450 [construction mitigation] §12.80.500 [good housekeeping practices] §12.80.510 [construction BMPs] §12.80.520 [industrial/commercial BMPs] §12.84.440 [LID standards] §12.84.450 [LID Plan Review] §22.60.330 [general prohibitions] §22.60.380 [enforcement.] §22.60.390 [zoning enforcement order] §26.106 [permits] §26.108 [inspections] LACFCD Code: §21.05 Standards, Guidelines, and Criteria

Order Part VI(A)(2)(a) Items	Primary Applicable Ordinance/Statute
	§21.07 Prohibited Discharges §21.09 Installation or Use of Illicit Connections Prohibited §21.11 Littering Prohibited §21.13 Evidence of Compliance With Permit Requirements for Industrial or Commercial Activity §21.15 Notification of Uncontrolled Discharges Required §21.17 Requirement to Monitor and Analyze §21.23 Violation a Public Nuisance
xi. Require that structural BMPs are properly operated and maintained.	Los Angeles County Code: §12.80.530 [installation of structural BMPs] §22.60.380 [enforcement.] §22.60.390 [zoning enforcement order] §26.106 [permits] §26.108 [inspections] LACFCD Code: §21.05 Standards, Guidelines, and Criteria §21.07 Prohibited Discharges §21.09 Installation or Use of Illicit Connections Prohibited §21.11 Littering Prohibited §21.13 Evidence of Compliance With Permit Requirements for Industrial or Commercial Activity §21.15 Notification of Uncontrolled Discharges Required §21.17 Requirement to Monitor and Analyze

Order Part VI(A)(2)(a) Items	Primary Applicable Ordinance/Statute
	§21.23 Violation a Public Nuisance
xii. Require documentation on the operation and maintenance of structural BMPs and their effectiveness in reducing the discharge of pollutants to the MS4.	Los Angeles County Code: §12.80.530 [installation of structural BMPs] §22.60.380 [enforcement.] §22.60.390 [zoning enforcement order] §26.106 [permits] §26.108 [inspections] LACFCD Code: §21.05 Standards, Guidelines, and Criteria §21.07 Prohibited Discharges §21.09 Installation or Use of Illicit Connections Prohibited §21.11 Littering Prohibited §21.13 Evidence of Compliance With Permit Requirements for Industrial or Commercial Activity §21.15 Notification of Uncontrolled Discharges Required §21.17 Requirement to Monitor and Analyze §21.23 Violation a Public Nuisance

Order Part VI(A)(2)(b)(ii)

"*Identification of the local administrative and legal procedures available to mandate compliance with applicable municipal ordinances identified in subsection (i) above and therefore with the conditions of this Order, and a statement as to whether enforcement actions can be completed administratively or whether they must be commenced and completed in the judicial system.*"

The local administrative and legal procedures available to mandate compliance with the above ordinances are specified in those ordinances, particularly in:

Los Angeles County Code:

§12.80.550 Enforcement—Director's powers and duties.

§12.80.600 Notice to correct violations—Director may take action.

§12.80.610 Violation a public nuisance.

§12.80.620 Nuisance abatement—Director to perform work when—Costs.

§12.80.630 Violation—Penalty.

§12.80.635 Administrative fines.

§12.80.640 Penalties not exclusive.

§12.84.450 LID Plan Review.

§12.84.460 Additional Requirements.

Title 26, §103 Violations And Penalties

Title 26, §104 Organization And Enforcement

Title 26, §105 Appeals Boards

Title 26, §106 Permits

§22.60.330 General prohibitions.

§22.60.340 Violations.

§22.60.350 Public nuisance.

§22.60.360 Infractions.

§22.60.370 Injunction.

§22.60.380 Enforcement.

§22.60.390 Zoning enforcement order and noncompliance fee.

LACFCD Code:

§21.05 Standards, Guidelines, and Criteria

§21.07 Prohibited Discharges

§21.09 Installation or Use of Illicit Connections Prohibited

§21.11 Littering Prohibited

§21.13 Evidence of Compliance With Permit Requirements for Industrial or Commercial Activity

§21.15 Notification of Uncontrolled Discharges Required

§21.17 Requirement to Monitor and Analyze

§21.23 Violation a Public Nuisance

LACFCD attempts to first resolve each enforcement action administratively. However, the above cited ordinances also provide LACFCD with the authority to pursue such actions in the judicial system as necessary.

Very truly yours,

JOHN F. KRATTLI
County Counsel

By
JUDITH A. FRIES
Principal Deputy County Counsel
Public Works Division

JAF:jyj

Santa Monica

City of
Santa Monica®

Office of the City Attorney
City Hall
1685 Main Street
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CA 90407-2200

Marsha Jones Moutrie
City Attorney

December 23, 2014

Mr. Sam Unger, Executive Officer
California Regional Water Quality Control Board
Los Angeles REgion
320 W. 4th Street, Suite 200
Los Angeles, California 90013-1105

Re: ***City of Santa Monica's Statement of Legal Authority***

Dear Mr. Unger:

This letter is provided as the City of Santa Monica's Statement of Legal Authority required with its Annual Report pursuant to Part VI.A.2.b of the California Regional Water Quality Control Board, Los Angeles Region, Order Number R4-2012-0175 ("Order") for NPDES Permit Number CA2004001. The City has all of the necessary legal authority to implement and enforce the requirements contained in 40 CFR § 122.26(d)(2)(i)(A-F) and this Order during the reporting period of July 1, 2013 through June 30, 2014, as permitted by law. In accordance with the Order, the citations to the Santa Monica Municipal Code ("SMMC") for each of the requirements of Part VI.A.2.a are as follows:

i. *Control the contribution of pollutants to its MS4 from storm water discharges associated with industrial and construction activity and control the quality of storm water discharged from industrial and construction sites. This requirement applies both to industrial and construction sites with coverage under an NPDES permit, as well as to those sites that do not have coverage under an NPDES permit.*

SMMC Chapter 5.20, Sections 5.20.010 through 5.20.620; and SMMC Chapter 7.10, Sections 7.10.010 through 7.10.080.

ii. *Prohibit all non-storm water discharges through the MS4 to receiving waters not otherwise authorized or conditionally exempt pursuant to Part III.A.*

SMMC Chapter 5.20, Sections 5.20.010 through 5.20.620; and SMMC Chapter 7.10, Sections 7.10.010 through 7.10.080.

iii. *Prohibit and eliminate illicit discharges and illicit connections to the MS4.*

SMMC Chapter 5.20, Sections 5.20.010 through 5.20.620; and SMMC Chapter, Chapter 7.10, Sections 7.10.010 through 7.10.080.

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iv. *Control the discharge of spills, dumping, or disposal of materials other than storm water to its MS4.*

SMMC Chapter 5.20, Sections 5.20.010 through 5.20.620; and SMMC Chapter 7.10, Sections 7.10.010 through 7.10.080.

v. *Require compliance with conditions in Permittee ordinances, permits, contracts or orders (i.e., hold dischargers to its MS4 accountable for their contributions of pollutants and flows);*

SMMC Chapter 5.20, Sections 5.20.010 through 5.20.620; and SMMC Chapter, Chapter 7.10, Sections 7.10.010 through 7.10.080.

vi. *Utilize enforcement mechanisms to require compliance with applicable ordinances, permits, contracts, or orders.*

SMMC Chapter 5.20, including Sections 5.20.430 (Inspections and sampling), 5.20.330 (Monitoring facilities), 5.20.450 (Search warrants), and 5.20.500 (Notice of Violation); and SMMC Chapter 7.10, including 7.10.070 (Enforcement and penalties).

vii. *Control the contribution of pollutants from one portion of the shared MS4 to another portion of the MS4 through interagency agreements among Co-permittees.*

See generally, SMMC Chapter 5.20 and Chapter 7.10.

viii. *Control of the contribution of pollutants from one portion of the shared MS4 to another portion of the MS4 through interagency agreements with other owners of the MS4 such as the State of California Department of Transportation.*

See generally, SMMC Chapter 5.20 and Chapter 7.10.

ix. *Carry out all inspections, surveillance, and monitoring procedures necessary to determine compliance and noncompliance with applicable municipal ordinances, permits, contracts and orders, and with the provisions of this Order, including the prohibition of non-storm water discharges into the MS4 and receiving waters. This means the Permittee must have authority to enter, monitor, inspect, take measurements, review and copy records, and require regular reports from entities discharging into its MS4.*

SMMC Chapter 5.20, including Sections 5.20.430 (Inspections and sampling), 5.20.330 (Monitoring facilities), 5.20.450 (Search warrants), and 5.20.500 (Notice of Violation); and SMMC Chapter 7.10, including 7.10.070 (Enforcement and penalties).

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x. *Require the use of control measures to prevent or reduce the discharge of pollutants to achieve water quality standards/receiving water limitations.*

SMMC Chapter 5.20, Sections 5.20.010 through 5.20.620; and SMMC Chapter 7.10, Sections 7.10.010 through 7.10.080.

xi. *Require that structural BMPs are properly operated and maintained.*

SMMC Chapter 5.20, Sections 5.20.010 through 5.20.620; and SMMC Chapter 7.10, Sections 7.10.010 through 7.10.080.

xii. *Require documentation on the operation and maintenance of structural BMPs and their effectiveness in reducing the discharge of pollutants to the MS4.*

SMMC Chapter 5.20, Sections 5.20.010 through 5.20.620; and SMMC Chapter 7.10, Sections 7.10.010 through 7.10.080.

In response to Part VI.A.2.b.ii of the Order, the local administrative and legal procedures available to mandate compliance under Chapter 7.10 are set forth in SMMC Section 7.10.070 (Enforcement and penalties) and Section 7.10.080 (Additional best management practice requirements), and under Chapter 5.20 are set forth in Sections 5.20.500 (Notice of Violation), 5.20.510 (Consent Orders), 5.20.520 (Show Cause Hearing), 5.20.530 (Compliance Orders), 5.20.540 (Cease and Desist Orders), 5.20.550 (Liability for Costs of Correction Arising From Unlawful Discharge), 5.20.560 (Industrial Wastewater Permit Suspension or Revocation Order), 5.20.570 (Disconnection of Nonpermitted Violators), 5.20.580 (Additional Emergency Remedial Measures), 5.20.590 (Injunctive Relief), 5.20.600 (Civil Liability), 5.20.610 (Criminal Prosecution), and 5.20.620 (Water Supply Severance). Enforcement actions are possible administratively and through the judicial system.

Please do not hesitate to contact me if you have any questions.

Sincerely,

MARSHA JONES MOUTRIE
City Attorney

MJM/bcm

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December 08, 2014

Mr. Sam Unger, Executive Officer
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, CA 90013-1105

RE: Legal Authority Certification for the City of West Hollywood to Implement and Enforce the Requirements of LARWQCB Order R4-2012-0175

Dear Mr. Unger:

The City of West Hollywood submits this statement in its capacity as a co-permittee under LARWQCB Order R4-2012-0175 (NPDES No. CAS004001) (the "MS4 Permit"), in accordance with Part VI.A.2 of the Order.

I am the City Attorney of the City of West Hollywood, California. In that capacity, I state that it is my opinion that the City has adequate legal authority to implement and enforce the requirements in the MS4 Permit, consistent with the requirements set forth in the regulations implementing the Clean Water Act, 40 CFR § 122.26(d)(2)(i)(A-F), and to the extent permitted by state and federal law and subject to the limitations on municipal action under the California and United States Constitutions.

The primary source of the City's authority is Article 11, § 7 of the California Constitution. The City also has authority under § 13002 of the California Water Code to adopt and enforce ordinances conditioning, restricting and limiting activities which might degrade the quality of waters of the State. Pursuant to Article 11, § 7 of the California Constitution and § 13002 of the California Water Code, the City adopted Chapter 15.56 of the West Hollywood Municipal Code ("WHMC"), which contains the City's regulations enabling it to impose the legal requirements of the MS4 Permit (see attached analysis of legal authority). Thus, the City has the legal authority as required under Part VI.A.2 of the MS4 Permit.

Article 11, § 7 also provides the City the authority to require the use of control measures to prevent or reduce the discharge of pollutants and ensure that such control measures are properly

operated and maintained. The City's environmental requirements are also implemented in part through the application of the California Environmental Quality Act ("CEQA") process to proposed projects, as enforceable mitigation measures. The City, as a municipal corporation, has authority to enter into contracts that enable it to carry out its necessary functions, including the power to enter into interagency agreements to control the contribution of pollutants from one portion of the shared MS4 to another.

Pursuant to WHMC Chapters 1.08 General Penalty Provisions and Chapter 15.56 Storm Water Management and Urban Runoff Control, the City's regulations may be enforced administratively, civilly and criminally. The WHMC also provides various procedures to modify and/or revoke city-issued permits for unlawful and/or environmentally disruptive activity.

Consequently, it is my opinion that the City has adequate legal authority to implement and enforce the requirements in the MS4 Permit. Please do not hesitate to contact me should you have any questions or need any additional information

Very truly yours,

Michael Jenkins
City Attorney

Enclosure

West Hollywood Statement of Legal Authority

A. The following list shows the relationship of the West Hollywood Municipal Code and other legal authorities to the MS4 permit requirements under Part VI.A.2 of the Permit:

i. Control the contribution of pollutants to its MS4 from storm water discharges associated with industrial and construction activity and control the quality of storm water discharged from industrial and construction sites. This requirement applies both to industrial and construction sites with coverage under an NPDES permit, as well as to those sites that do not have coverage under an NPDES permit.

WHMC15.56.060 Prohibited Activities; WHMC15.56.090 Requirements for Industrial/Commercial and Construction Activities

ii. Prohibit all non-storm water discharges through the MS4 to receiving waters not otherwise authorized or conditionally exempt pursuant to Part III.A.

WHMC15.56.060 Prohibited Activities

iii. Prohibit and eliminate illicit discharges and illicit connections to the MS4.

WHMC15.56.060 Prohibited Activities

iv. Control the discharge of spills, dumping, or disposal of materials other than storm water to its MS4.

WHMC15.56.060 Prohibited Activities; WHMC15.56.080 Good Housekeeping Provisions; 15.56.090 Requirements for Industrial/Commercial and Construction Activities; WHMC 15.56.095 Standard Urban Storm Water Mitigation Plan (SUSMP) Requirements for New Development and Redevelopment Projects

v. Require compliance with conditions in Permittee ordinances, permits, contracts or orders (i.e., hold dischargers to its MS4 accountable for their contributions of pollutants and flows).

WHMC15.56.090 Requirements for Industrial/Commercial and Construction Activities; WHMC15.56.100 Standard Urban Stormwater Mitigation Plan (SUSMP) Requirements for New Development and Redevelopment Projects; 15.56.100 Enforcement; WHMC Chapter 1.08

General Penalty Provisions

vi. Utilize enforcement mechanisms to require compliance with applicable ordinances, permits, contracts, or orders.

WHMC15.56.100 Enforcement; WHMC Chapters 1.08 General Penalty Provisions

vii. Control the contribution of pollutants from one portion of the shared MS4 to another portion of the MS4 through interagency agreements among Co-permittees.

In addition to the provisions of WHMC Chapter 15.56, which control the contribution of pollutants, the City, as a municipal corporation, has authority to enter into contracts that enable it to carry out its necessary functions, including the power to enter into interagency agreements to control the contribution of pollutants from one portion of the shared MS4 to another.

viii. Control of the contribution of pollutants from one portion of the shared MS4 to another portion of the MS4 through interagency agreements with other owners of the MS4 such as the State of California Department of Transportation.

In addition to the provisions of WHMC Chapter 15.56, which control the contribution of pollutants, the City, as a municipal corporation, has authority to enter into contracts that enable it to carry out its necessary functions, including the power to enter into interagency agreements to control the contribution of pollutants from one portion of the shared MS4 to another.

ix. Carry out all inspections, surveillance, and monitoring procedures necessary to determine compliance and noncompliance with applicable municipal ordinances, permits, contracts and orders, and with the provisions of this Order, including the prohibition of non-storm water discharges into the MS4 and receiving waters. This means the Permittee must have authority to enter, monitor, inspect, take measurements, review and copy records, and require regular reports from entities discharging into its MS4.

WHMC15.56.100.H Enforcement

x. Require the use of control measures to prevent or reduce the discharge of pollutants to achieve water quality standards/receiving water limitations.

Article 11, § 7 of the California Constitution; California Public Resources Code § 21000 et seq. (CEQA); WHMC15.56.080 Good Housekeeping Provisions, WHMC15.56.090 Requirements for Industrial/Commercial and Construction Activities; WHMC 15.56.100 Standard Urban Stormwater Mitigation Plan (SUSMP) Requirements for New Development and Redevelopment Projects; WHMC Title 17 Zoning

xi. Require that structural BMPs are properly operated and maintained.

Article 11, § 7 of the California Constitution; California Public Resources Code § 21000 et seq. (CEQA); WHMC15.56.080 Good Housekeeping Provisions, WHMC15.56.090 Requirements for Industrial/Commercial and Construction Activities; 15.56.100 Standard Urban Stormwater Mitigation Plan (SUSMP) Requirements for New Development and Redevelopment Projects; WHMC Title 17 Zoning

xii. Require documentation on the operation and maintenance of structural BMPs and their effectiveness in reducing the discharge of pollutants to the MS4.

California Public Resources Code § 21000 et seq. (CEQA); WHMC15.56.100 Enforcement

B. Procedures available to mandate compliance with applicable municipal ordinances under WHMC Chapters 1.08 General Penalty Provisions and Chapter 15.56 Stormwater and Urban Runoff Pollution Control

1. Criminal Citation (judicial)
2. Administrative Citation (administrative)
3. Administrative Cease and Desist Order (administrative)
4. Civil Nuisance Abatement (judicial)
5. Civil Injunction (judicial)
6. Permit Revocation/Modification (administrative)
7. All other criminal and civil remedies available by law

Appendix 3.A
Detailed Description of Water Quality Priorities

The identification of water quality priorities is an important first step in the EWMP process. The water quality priorities provide the basis for prioritizing implementation and monitoring activities within the EWMP and CIMP and selection and scheduling of BMPs in the RAA. The identification of water quality priorities is required in Section VI.C.5.a of the Permit as part of the development of an EWMP. The Permit defines three categories of WBPCs to support the development of priorities (Table 1). The Permit establishes a four-step process that leads to prioritization and sequencing of the water quality issues within each watershed, including:

- **Step 1:** Water quality characterization (VI.C.5.a.i, pg. 58) based on available monitoring data, TMDLs, 303(d) lists, stormwater annual reports, *etc*.,
- **Step 2:** Water body-pollutant classification (VI.C.5.a.ii, pg. 59), to identify water body-pollutant combinations that fall into three Permit defined categories,
- **Step 3:** Source assessment (VI.C.5.a.iii, pg. 59) for the water body-pollutant combinations in the three categories, and
- **Step 4:** Prioritization of the water body-pollutant combinations (VI.C.5.a.iv, pg. 60).

Table 1 Water Body-Pollutant Classification Categories (Permit Section IV.C.5.a.ii)

Category	Water Body-Pollutant Combinations (WBPCs) Included
1 Highest Priority	WBPCs for which TMDL Water Quality Based Effluent Limits (WQBELs) and/or Receiving Water Limitations (RWLs) are established in Part VI.E and Attachments L and O of the MS4 Permit.
2 High Priority	WBPCs for which data indicate water quality impairment in the receiving water according to the State's Listing Policy, regardless of whether the pollutant is currently on the 303(d) List and for which the MS4 discharges may be causing or contributing.
3 Medium Priority	WBPCs for which there are insufficient data to indicate impairment in the receiving water according to the State's Listing Policy, but which exceed applicable receiving water limitations contained in the MS4 Permit and for which MS4 discharges may be causing or contributing to the exceedance.

Water Quality Characterization (Step 1)

As noted in Section 1, the first step in developing an EWMP is to develop water quality priorities. These priorities were based on a comprehensive characterization of water quality impairments to develop a strategy that systematically addresses pollutant reduction in accordance with previous commitments, such as those established by TMDL compliance schedules, and implementation plans. To conduct the water quality characterization[1], data were obtained from numerous sources. A data request was submitted to the BCWMG to gather information necessary to meet the water quality characterization and source assessment requirements outlined in the Permit (pages 58 and 59). The data requested to support the water quality characterization included:

- Monitoring programs results, including but not limited to TMDL compliance monitoring and receiving water monitoring,

1 Appendices 3.A and 3.B provide more detailed descriptions of the results of the characterization.

- Findings from the Permittees' Illicit Connections and Illicit Discharge Eliminations, Industrial/Commercial Facilities, Development Construction, and Public Agency Activities Programs,
- TMDL source investigations, and
- Any other pertinent data, information, or studies related to constituent sources and conditions that could contribute to identification of the highest water quality priorities.

Monitoring data collected within the BCWMA were received from the following sources:

- Los Angeles Department of Public Works (LACDPW) provided long-term monitoring data from the Ballona Creek Mass Emission station S01 and temporary receiving water sites in Centinela Creek (TS-07), Sepulveda Channel (TS-08), Benedict Canyon (TS-09) and the following drains Adams Drain (TS-10), Fairfax Drain (TS-11), and Cochran Drain (TS-12),
- TMDL Coordinated Monitoring Program data funded by the BCWMG and provided by the City of Los Angeles for the Ballona Creek Metals, Toxics, and Bacteria TMDLs, and
- City of Los Angeles Status and Trends program.

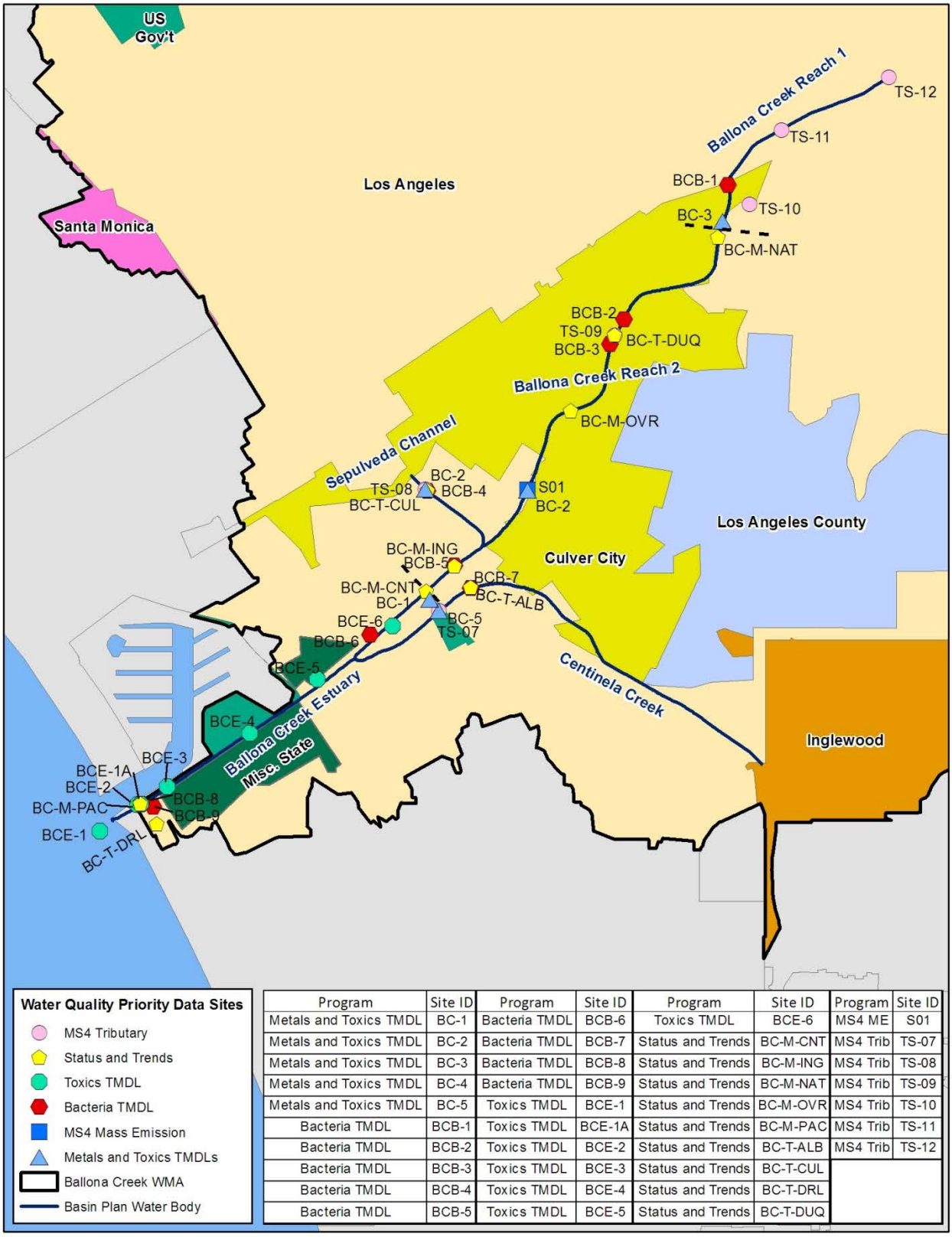
Over 55,000 data records were compiled and reviewed as part of the data analysis. Figure 1 presents the site locations for the monitoring data received and used for the water quality characterization process.

Characterization of Receiving Water Quality

Per Part VI.C.5.a.i (pg 58) of the Permit, each EWMP shall include an evaluation of existing water quality conditions, including characterization of receiving water quality. Appendix 3.B presents additional details on the data analysis approach and results. Data were compiled to identify constituents exceeding applicable water quality objectives. Applicable water quality objectives were obtained from the California Toxics Rule (CTR), the Basin Plan, and relevant TMDLs. Applicable water quality objectives from the CTR and Basin Plan were selected based on the beneficial uses identified in the Basin Plan (summarized in Appendix 3.B).

Generally, the water quality objectives utilized included those established for the protection of aquatic life, contact recreation and human health related to the consumption of organisms. Bed and suspended sediment quality data were compared to TMDL targets. Given the significant number of water quality constituents and corresponding water quality objectives the following steps were taken to identify WBPCs:

- The first step in the analysis was to eliminate lower priority constituents that were sampled for but were never detected in any water body within the EWMP area and therefore would not fall into one of the three Permit categories (see Table 1). A list of these constituents is presented in Appendix 3.B - Attachment 1.
- Next, constituents that were detected, but the sample results never exceeded a corresponding water quality objective and therefore would not fall into one of the three Permit categories were identified. A list of these constituents is presented in Appendix 3.B – Attachment 2.



Program	Site ID	Program	Site ID	Program	Site ID	Program	Site ID
Metals and Toxics TMDL	BC-1	Bacteria TMDL	BCB-6	Toxics TMDL	BCE-6	MS4 ME	S01
Metals and Toxics TMDL	BC-2	Bacteria TMDL	BCB-7	Status and Trends	BC-M-CNT	MS4 Trib	TS-07
Metals and Toxics TMDL	BC-3	Bacteria TMDL	BCB-8	Status and Trends	BC-M-ING	MS4 Trib	TS-08
Metals and Toxics TMDL	BC-4	Bacteria TMDL	BCB-9	Status and Trends	BC-M-NAT	MS4 Trib	TS-09
Metals and Toxics TMDL	BC-5	Toxics TMDL	BCE-1	Status and Trends	BC-M-OVR	MS4 Trib	TS-10
Bacteria TMDL	BCB-1	Toxics TMDL	BCE-1A	Status and Trends	BC-M-PAC	MS4 Trib	TS-11
Bacteria TMDL	BCB-2	Toxics TMDL	BCE-2	Status and Trends	BC-T-ALB	MS4 Trib	TS-12
Bacteria TMDL	BCB-3	Toxics TMDL	BCE-3	Status and Trends	BC-T-CUL		
Bacteria TMDL	BCB-4	Toxics TMDL	BCE-4	Status and Trends	BC-T-DRL		
Bacteria TMDL	BCB-5	Toxics TMDL	BCE-5	Status and Trends	BC-T-DUQ		

Figure 1. Monitoring Site Locations for Data Utilized in the Water Quality Priorities Process

- All other constituents (*i.e.*, all constituents detected and with sample results that had at least one result greater than an applicable water quality objective) were subject to further analysis. A list of these constituents is presented in Appendix 3.B– Attachment 3.

Characterization of Discharge Quality

Per Part VI.C.5.a.i (pg 58) of the Permit, each EWMP shall include a characterization of stormwater and non-stormwater discharges from the MS4. A characterization was conducted on stormwater and non-stormwater discharges from the MS4 associated with constituents identified in a TMDL, a 303(d) listing, or through the receiving water data analysis described above. The following sources of discharge characterization data were reviewed and are summarized in Appendix 3.C:

- TMDL Staff Reports for TMDLs identified in Appendix 3.C.
- Data collected during a June 2012 bacteria snapshot event conducted along Ballona Creek and Sepulveda Channel to document the locations and bacteriological water quality of dry weather discharges.
- Data collected as part of the 2007 Southern California Coastal Water Research Project (SCCWRP) Technical Report 510 titled "Sources, patterns and mechanisms of stormwater pollutant loading from watersheds and land uses of the greater Los Angeles area, California, USA."
- Land Use data collected as part of previous MS4 Permit monitoring and presented in the 2000 report titled "Los Angeles County 1994-2000 Integrated Receiving Water Impacts Report."

Water Body Pollutant Classification (Step 2)

Based on available information and data analysis, WBPCs were classified in one of the three Permit categories described in Table 1. To further support development of the EWMP, the three Permit categories were further subdivided into subcategories (described in Table 2) and each WBPC was assigned to an appropriate subcategory.Table 3 presents the BCWMG WBPCs by subcategory. Summary tables presenting the data analysis to support the placement of WBPCs into the various subcategories are presented in Attachment 3 of Appendix 3.B.

Source Assessment (Step 3)

Following the water body-pollutant classification, the next step in the prioritization process is to conduct a source assessment. The Permit requires that a source assessment be conducted to identify potential sources within the watershed for the WBPCs in Categories 1-3, utilizing existing information.

The intent of the source assessment is to identify potential sources within the watershed for the WBPCs in Categories 1-3 and to support prioritization and sequencing of management actions. Pollutant exceedances may come from point or non-point sources, described below. Often, however, non-point source discharges may flow to the MS4 and thus become associated with the MS4 and subject to the MS4 Permit requirements.

Table 2 Details for Water Body-Pollutant Classification Subcategories

Category	Water Body-Pollutant Combinations (WBPCs)	Description
1	Category 1A: WBPCs with past due or current Permit term TMDL deadlines with exceedances in the past 5 years.	WBPCs with TMDLs with past due or current Permit term interim and/or final limits. These pollutants are the highest priority for the current Permit term.
	Category 1B: WBPCs with TMDL deadlines beyond the Permit term with exceedances in the past 5 years.	The Permit does not require the prioritization of TMDL interim and/or final deadlines outside of the Permit term or USEPA TMDLs, which do not have implementation schedules. To ensure EWMPs consider long term planning requirements and utilize the available compliance mechanisms, these WBPCs should be considered during BMP planning and scheduling, and during CIMP development.
	Category 1C: WBPCs addressed in USEPA TMDL without an LARWQCB adopted Implementation Plan.	
	Category 1D: WBPCs with past due or current Permit term TMDL deadlines but have there have been no exceedances in the past 5 years.	WBPCs where specific actions may end up not being identified because recent exceedances have not been observed and specific actions may not be necessary. The CIMP should address these WBPCs to support future re-prioritization.
2	Category 2A: 303(d) Listed WBPCs or WBPCs that meet 303(d) Listing requirements with exceedances in the past 5 years.	WBPCs with confirmed impairment or exceedances of RWLs. WBPCs in a similar class[1] as those with TMDLs are identified. WBPCs currently on the 303(d) List are differentiated from those that are not to support utilization of EWMP compliance mechanisms.
	Category 2B: 303(d) Listed WBPCs or WBPCs that meet 303(d) Listing requirements that are not a "pollutant"[2] (*e.g.*, toxicity).	WBPCs where specific actions may not be identifiable because the cause of the impairment or exceedances is not resolved. Either routine monitoring or special studies identified in the CIMP should support identification of a "pollutant" linked to the impairment and re-prioritization in the future.
	Category 2C: 303(d) Listed WBPCs or WBPCs that meet 303(d) Listing requirements but there have been no exceedances in the past 5 years.	WBPCs where specific actions for implementation may end up not being identified because recent exceedances have not been observed (and thus specific BMPs may not be necessary.) Pollutants that are in a similar class[1] as those with TMDLs are identified. Either routine monitoring or special studies identified in the CIMP should ensure these WBPCs are addressed to support re-prioritization in the future.
3	Category 3A: All other WBPCs that have exceeded in the past 5 years.	Pollutants that are in a similar class[1] as those with TMDLs are identified.
	Category 3B: All other WBPCs that are not a "pollutant"[2] (*e.g.*, toxicity).	WBPCs where specific actions may not be identifiable because the cause of the impairment or exceedances is not resolved. Either routine monitoring or special studies identified in the CIMP should support identification of a "pollutant" linked to the impairment and re-prioritization in the future.
	Category 3C: All other WBPCs that have exceeded in the past 10 years, but not in past 5 years.	Pollutants that are in a similar class[1] as those with TMDLs are identified.

[1] Pollutants are considered in a similar class if they have similar fate and transport mechanisms, can be addressed via the same types of control measures, and within the same timeline already contemplated as part of the EWMP for the TMDL. (Permit pg. 49, footnote 21).

[2] While pollutants may be contributing to the impairment, it currently is not possible to identify the specific pollutant/stressor

Table 3 Summary of Ballona Creek Water Body-Pollutant Categories

Constituents	Ballona Creek				Centinela Creek	Sepulveda Channel	Benedict Channel[1]	Santa Monica Bay
	Estuary	Wetlands	Reach 1	Reach 2				
Category 1A: WBPCs with past due or current Permit term TMDL deadlines with exceedances in the past 5 years. (I = Interim and F = Final Limits)								
Trash	I/F	I/F	I/F	I/F	I/F	I/F	--	I
Total Coliform, Fecal Coliform, Enterococcus	F (Dry)	--	--	--	--	--	--	F (Dry)
E. coli	--	--	F (Dry)	F (Dry)	F (Dry)	F (Dry)	F (Dry)	--
Copper, Lead, Zinc, Selenium[2]	--	--	I (Wet & Dry)/F (Dry)				--	--
Sediment: Cadmium, Copper, Lead, Zinc, Silver	I	--	--	--	--	--	--	--
Sediment: PAHs[2], Chlordane, DDT, PCBs	I	--	--	--	--	--	--	--
Category 1B: WBPCs with TMDL deadlines beyond the Permit term with exceedances in the past 5 years. (F = Final Limits)								
Trash	--	--	--	--	--	--	--	F
Copper, Lead, Zinc, Selenium[2]	--		F (Wet)				--	--
Sediment: Cadmium, Copper, Lead, Zinc, Silver	F	--	--	--	--	--	--	--
Sediment: PAHs[2], Chlordane, DDT, PCBs	F	--	--	--	--	--	--	--
Total Coliform, Fecal Coliform, Enterococcus	F (Wet)	--	--	--	--	--	--	F (Wet)
E. coli	--	--	F (Wet)	F (Wet)	F (Wet)	F (Wet)	F (Wet)	--
Category 1C: WBPCs addressed in USEPA TMDL without a Regional Board adopted Implementation Plan. (WLA = Wasteload Allocation in USEPA TMDL)								
DDT (sediment)	--	--	--	--	--	--	--	WLA
PCBs (sediment)	--	--	--	--	--	--	--	WLA
Sediment	--	WLA	--	--	--	--	--	--
Category 1D: WBPCs with past due or current Permit term TMDL deadlines but have not exceeded in past 5 years.								
None	--	--	--	--	--	--	--	--
Category 2A: 303(d) Listed WBPCs or WBPCs that meet 303(d) Listing requirements with exceedances in the past 5 years.								
Shellfish Harvesting Advisory	303(d)	--	--	--	--	--		--
Cyanide	--	--	--	Delist	--	--	--	--
Copper (dissolved and total)	Dry	--	--	--	--	--	--	--
Mercury (total)	--	--	--	Dry	--	--	--	--
4,4’- Dichlorodiphenyldichloroethylene (4,4'-DDE)	--	--	--	--	Wet	--	--	--
Benzo(a)anthracene	--	--	--	Wet	--	--	--	--

Constituents	Ballona Creek				Centinela Creek	Sepulveda Channel	Benedict Channel[1]	Santa Monica Bay
	Estuary	Wetlands	Reach 1	Reach 2				
Dibenzo(a,h)anthracene	Dry	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	Dry	--	--	--	--	--	--	--
Category 2B: 303(d) Listed WBPCs or WBPCs that meet 303(d) Listing requirements that are not a "pollutant"[3] (*i.e.*, toxicity).								
pH	--	--	--	Dry	--	Dry	--	--
Category 2C: 303(d) Listed WBPCs or WBPCs that meet 303(d) Listing requirements but have not exceeded in past 5 years.								
Ammonia	--	--	--	--	--	Dry (Delist)	--	--
Copper (dissolved and total)	Wet (NS)	--	--	--	--	--	--	--
Lead (dissolved and total)	Dry	--	--	--	--	--	--	--
Mercury Total	Wet (NS)/Dry (NS)	--	Wet (NS)/Dry (NS)	Wet	--	--	--	--
Nickel (dissolved and total)	Dry (NS)	--	--	--	--	--	--	--
Silver (dissolved and total)	--	--	Wet	--	--	--	--	--
Zinc (dissolved and total)	Wet (NS)	--	--	--	--	--	--	--
Category 3A: All other WBPCs with exceedances in the past 5 years.								
Ammonia-N	--	--	--	Dry	--	--	--	--
Silver (total)	--	--	--	--	Wet	--	--	--
4,4'-DDE	--	--	--	Wet	--	--	--	--
4,4'-DDT	--	--	--	--	Wet	--	--	--
3,4 Benzofluoranthene	--	--	--	Wet	--	--	--	--
alpha-chlordane	--	--	--	Wet	--	--	--	--
gamma-chlordane	--	--	--	Wet	--	--	--	--
Benzo(a)anthracene	--	--	--	--	Wet	--	--	--
Benzo(a)pyrene	--	--	--	Wet	--	--	--	--
Benzo(k)fluoranthene	--	--	--	--	Wet	--	--	--
Bis(2-Ethylhexyl) phthalate	--	--	--	Wet	--	--	--	--
Chrysene	--	--	--	Wet	Wet	--	--	--
Indeno(1,2,3-cd)pyrene	--	--	--	Wet	Wet	--	--	--

Constituents	Ballona Creek				Centinela Creek	Sepulveda Channel	Benedict Channel[1]	Santa Monica Bay
	Estuary	Wetlands	Reach 1	Reach 2				
Category 3B: All other WBPCs that are not a "pollutant"[3] (*i.e.*, toxicity).								
Dissolved Oxygen	--	--	--	Wet	--	--	--	--
pH	--	--	--	Wet	Wet/Dry	--	--	--
Category 3C: All other WBPCs that have exceeded in the past ten years, but not in past five years.								
Bis(2-Ethylhexyl) phthalate	--	--	--	Dry	Wet (NS)	Wet (NS)	--	--
Diazinon	--	--	--	Wet	--	Wet (NS)	--	--
Cadmium (total)	--	--	Wet	Wet	Wet	--	--	--
Cyanide (total)	--	--	--	--	--	Wet (NS)	--	--
Silver (dissolved and total)	Wet (NS)	--	--	Wet	--	--	--	--
Zinc (total)	Dry (NS)	--	--	--	--	--	--	--

[1] Note that although Benedict Canyon Channel is identified in TMDLs as a tributary to Ballona Creek, it is a closed channel that daylights where the channel meets Ballona Creek and is not identified in the Basin Plan as a waterbody in the watershed. As such, it is not considered a tributary for the purposes other than addressing the bacteria TMDL for the watershed.
[2] The BC Toxics and Metals TMDLs were amended on December 5, 2013 and WLAs associated with these constituents were removed. Associated WQBELs would be expected to be removed when the Permit is updated to incorporate these two TMDLs once they become effective.
[3] While pollutants may be contributing to the impairment, it currently is not possible to identify the specific pollutant/stressor.
Note that unless explicitly stated as sediment, constituents are associated with the water column.
I/F = Denotes where the Permit includes interim (I) and/or final (F) effluent and/or RWLs.
NS = Not sampled
303(d) = WBPC on the 2010 303(d) List where the listing was confirmed during data analysis.
Delist = WBPC on the 2010 303(d) List that could now be delisted.

Permit Requirements

The specific requirements in the Permit for the source assessment are as follows (per section VI.C.5.a.iii, page 59):

> "(1) Permittees shall identify known and suspected stormwater and non-stormwater pollutant sources in discharges to the MS4 and from the MS4 to receiving waters and any other stressors related to MS4 discharges causing or contributing to the water quality priorities. The identification of known and suspected sources of the highest water quality priorities shall consider the following:
>
> (a) Review of available data, including but not limited to:
>
> (i) Findings from the Permittees' Illicit Connections and Illicit Discharge Elimination Programs;
>
> (ii) Findings from the Permittees' Industrial/Commercial Facilities Programs;
>
> (iii) Findings from the Permittees' Development Construction Programs;
>
> (iv) Findings from the Permittees' Public Agency Activities Programs;
>
> (v) TMDL source investigations;
>
> (vi) Watershed model results;
>
> (vii) Findings from the Permittees' monitoring programs, including but not limited to TMDL compliance monitoring and receiving water monitoring; and
>
> (viii) Any other pertinent data, information, or studies related to pollutant sources and conditions that contribute to the highest water quality priorities.
>
> (b) Locations of the Permittees' MS4s, including, at a minimum, all MS4 major outfalls and major structural controls for stormwater and non-stormwater that discharge to receiving waters.
>
> (c) Other known and suspected sources of pollutants in non-stormwater or stormwater discharges from the MS4 to receiving waters within the watershed."

The findings from items VI.C.5.a.iii (1)(a)(i)-(vii) and item VI.C.5.a.iii (1)(c) that are pertinent to the Category 1, 2 and 3 pollutants identified in Tabel 3 are summarized below.

Item VI.C.5.a.iii (1)(b) is provided in the discussion of the MS4 database requirements of Part VII.A of Attachment E (Monitoring and Reporting Program) of the Permit and addressed in the CIMP.

Point Sources

Point sources are discrete conveyances that can carry pollutants to surface waters. Discharges from point sources are regulated by both federal Clean Water Act NPDES permits and California's Porter-Cologne Water Quality Control Act Waste Discharge Requirements (WDRs). Combined NPDES/WDR permits are issued by the LARWQCB for discharges to surface waters.

Urban runoff to Ballona Creek and Estuary is regulated as a point source discharge under two stormwater permits that cover MS4 discharges. The first is the MS4 Permit applicable to the Permittees developing the EWMP. The second is a separate statewide stormwater permit issued to the California Department of Transportation (Caltrans) (Order No. 2012-0011-DWQ, NPDES No. CAS000003). The other NPDES permits in the watershed include the general construction stormwater permits, general industrial stormwater permits, minor NPDES permits, and general NPDES permits, as listed in Table 4. A broad assessment of the relative potential for pollutant contribution and runoff condition (wet weather or dry weather) of the discharges typically associated with each of the permit types is also provided in Table 4.

Appendix 3.D contains detailed descriptions of WBPCs and their common sources, which will provide the basis for source assessment activities in the Ballona Creek watershed.

Non-Point Sources

Pollutants from non-point sources are conveyed to surface waters in a diffuse manner, *i.e.*, not directly from point source conveyances. However, when contaminants from such non-point sources reach the MS4 system, they become regulated through the MS4 point source NPDES permits. In the highly urbanized Ballona Creek watershed, there is not necessarily a clear regulatory distinction between point and non-point sources.

Non-point sources in the Ballona Creek watershed include:

- Runoff from the National and State forests outside of the MS4s into the headwaters of tributaries, and
- Sources that occur within the channels of Ballona Creek and tributaries ("in-channel sources") such as:
  - Urban runoff,
  - Groundwater discharges,
  - Pet Waste,
  - Sanitary sewer leaks/spills,
  - Illicit/illegal discharges,
  - Wildlife and birds, and
  - Suspension and/or regrowth of sediment-associated pollutants.

Targeted special studies and planned stormwater program elements, such as an Illicit Connection and Illicit Discharges (IC/ID) program, to identify these sources of pollution within the MS4 drainage area will also be developed and incorporated in the EWMP.

Table 4 NPDES Permits in the Ballona Creek Watershed

Type of NPDES Permit	Number of Permits	Potential for Pollutant Contribution
Los Angeles County Municipal Stormwater	1	High (wet/dry weather)
Caltrans Stormwater	1	High (wet weather)
General Construction Stormwater	17	High (wet weather)
Industrial Stormwater	68	High (wet weather)
Construction Stormwater	47	Medium (wet weather)
Individual NPDES Permits (Minor)	7	Medium (wet/dry weather)
Total	**141**	

(LACDPW, 2012a)

Prioritization (Step 4)

The Permit outlines a prioritization process that defines how pollutants in the various categories will be considered in scheduling. The factors to consider in the scheduling include the following based on the compliance pathways outlined in the Permit:

- Regional Board adopted TMDLs with past due interim and/or final limits and those with interim and/or final limits within the Permit term (schedule according to TMDL schedule),
- Regional Board adopted TMDLs with interim and/or final limits outside the Permit term (schedule according to TMDL schedule), and
- Other receiving water exceedances.

USEPA TMDLs, 303(d) listings without a TMDL adopted, and other exceedances of RWLs do not contain milestones or an implementation schedule. As such, these water quality priorities do not have a defined schedule for implementation. To address this issue for USEPA TMDLs, Part VI.E.3.c of the Permit (page 145) allows MS4 Permittees to propose a schedule in the EWMP. To address this issue for exceedances of RWLs associated with WBPCs not addressed through a TMDL (i.e., 303(d) listings and other exceedances of RWLs), Part VI.C.2.a of the Permit (page 49) specifies how interim numeric milestones and compliance schedules must be set for each WBPC based on its placement in one of the following groups that were developed as part of the EWMP:

- **Group 1**: Pollutants that are in the same class[2] as those addressed in a TMDL in the watershed and for which the water body is identified as impaired on the 303(d) List as of December 28, 2012;

2 As defined in Part VI.C.2.a.i of the Permit (page 49), "Pollutants are considered in a similar class if they have similar fate and transport mechanisms, can be addressed via the same types of control measures, and within the same timeline already contemplated as part of the Watershed Management Program for the TMDL." Due to the need to define the control measures and timelines for addressing the various pollutants per the permit requirements, "classes" are preliminary in nature and may be refined as part of EWMP development.

- **Group 2**: Pollutants that are not in the same class as those addressed in a TMDL for the watershed, but for which the water body is identified as impaired on the 303(d) List as of December 28, 2012; or
- **Group 3**: Pollutants for which there are exceedances of RWLs, but for which the water body is not identified as impaired on the 303(d) List as of December 28, 2012.
- **USEPA TMDL**: Pollutants addressed by USEPA TMDL without an implementation plan/schedule.

As such, the process for setting numeric milestones and compliance schedules for the remaining water quality priorities is dependent upon whether or not the water body is identified as impaired on the 303(d) list as of December 28, 2012 and if the pollutants are considered to be in the same class as those pollutants addressed in a TMDL for the watershed. Based on the Permit Group 1 definition, two findings must be made to determine whether or not a pollutant is in the same class as a TMDL pollutant:

- The pollutant must have similar fate and transport mechanisms (e.g., sediment particle associated), and thus, can be addressed via the same types of control measures. These pollutants are in the same "BMP class" as other TMDL pollutants.
- The pollutant is in the same "scheduling class", that is, it can be addressed within the same timeline already established in an existing TMDL. To be considered in the same scheduling class, the water quality priority must be present in a water body already being addressed by the TMDL or upstream of a water body already being addressed by the TMDL and can be addressed on the same time frame as the TMDL pollutant.

To define whether or not a pollutant can be addressed within the same time frame as a TMDL pollutant, it is necessary to consider whether the reductions that will be achieved by the control measures implemented for the TMDL pollutant are expected to be sufficient to achieve the needed reductions for the other pollutants. The "limiting pollutant" analysis of the RAA (Section 6 of the EWMP) was used to evaluate whether control measures implemented for the Regional Board adopted TMDLs will be sufficient to meet the RWLs for WBPCs that have both the same BMP and scheduling class as the pollutants addressed by each respective Regional Board adopted TMDL. If the limiting pollutant is a TMDL pollutant, then other pollutants in the same class would be expected to be achieved by the final compliance date of the TMDL for the limiting pollutant. If the limiting pollutant is *not* a TMDL pollutant, then the limiting pollutant, and all other pollutants that are more limiting than the TMDL pollutant, do not have the ability to be considered on the same timeframe as those addressed in a TMDL.

In order to be in the same class as a TMDL pollutant, the WBPC must be in both the same "BMP class" and the same "scheduling class" as the TMDL pollutant. An evaluation of whether or not the WBPCs are in the same class as pollutants addressed in an existing TMDL is presented in Table 5. All WBPCs classified as Category 1C, 2, and 3 are captured in Table 5; except for WBPCs for which the MS4 has been determined to not be a source that may be causing or contributing to observed exceedances or WBPCs are reflective of a condition of pollution (not necessarily a result of MS4 discharge). Additionally, given that Part VI.E.3.c of the Permit (page 145) specifies how interim numeric milestones and compliance schedules must be set for USEPA TMDL WBPCs, USEPA TMDL WBPCs are separately classified.

Table 5 Initial Classification for 303(d) Listings and Other Exceedances of RWLs Applicable to the BCWMG (RB = Regional Board)

Constituent	Water Body	Category	Relevant RB TMDL	RB TMDL in Watershed with Same BMP Class[1]?	RB TMDL in Watershed with Same Scheduling Class?	Classification
Cyanide	Reach 2	2A	Amended BC Metals TMDL	Yes	Yes	Group 1
Ammonia	Sepulveda Channel	2C	None	**No**	**No**	Group 2
Mercury (total)	Estuary	2C	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
	Reach 2	2A (Dry)/ 2C (Wet)				
	Reach 1	2C				
Nickel	Estuary	2C	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
Silver	Reach 2	3C	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
	Reach 1	2C				
	Centinela Creek	3A				
Cadmium (total)	Reach 2	3C	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
	Reach 1	3C				
	Centinela Creek	3C				
4,4'-DDE	Reach 2	3A	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
	Centinela Creek	2A				
Benzo(a)anthracene	Reach 2	2A	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
	Centinela Creek	3A				
Dibenzo(a,h) anthracene	Estuary	2A	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
Indeno(1,2,3-cd)pyrene	Estuary	2A				Group 3

Constituent	Water Body	Category	Relevant RB TMDL	RB TMDL in Watershed with Same BMP Class[1]?	RB TMDL in Watershed with Same Scheduling Class?	Classification
	Reach 2	3A	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			
	Centinela Creek	3A				
4,4'-DDT	Centinela Creek	3A	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
3,4 Benzofluoranthene	Reach 2	3A	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
alpha-chlordane	Reach 2	3A	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
gamma-chlordane	Reach 2	3A	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
Benzo(a)pyrene	Reach 2	3A	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
Benzo(k) fluoranthene	Centinela Creek	3A	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
Bis(2-Ethylhexyl) phthalate	Reach 2	3C (Dry)/ 3A (Wet)	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
	Centinela Creek	3C				
	Sepulveda Channel	3C				
Chrysene	Reach 2	3A	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
	Centinela Creek	3A				
Diazinon	Reach 2	3C	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
	Sepulveda Channel	3C				
Cyanide	Sepulveda Channel	3C	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
Ammonia	Reach 2	3A	Exceedances of RWLs have been observed, but the water body is not identified as impaired on the 303(d) List as of December 28, 2012			Group 3
DDT (sediment)	Santa Monica Bay	1C	Addressed in USEPA TMDL without a Regional Board Adopted Implementation Plan			USEPA TMDL

Constituent	Water Body	Category	Relevant RB TMDL	RB TMDL in Watershed with Same BMP Class[1]?	RB TMDL in Watershed with Same Scheduling Class?	Classification
PCBs (sediment)	Santa Monica Bay	1C	Addressed in USEPA TMDL without a Regional Board Adopted Implementation Plan			USEPA TMDL
Sediment	Wetlands	1C	Addressed in USEPA TMDL without a Regional Board Adopted Implementation Plan			USEPA TMDL
Copper	Estuary	2A (Dry)/ 2C (Wet)	Being addressed by Regional Board adopted TMDL with Implementation Plan			
Lead	Estuary	2C	Being addressed by Regional Board adopted TMDL with Implementation Plan			
Silver	Estuary	3C	Being addressed by Regional Board adopted TMDL with Implementation Plan			
Zinc	Estuary	3C (Dry)/ 2C (Wet)	Being addressed by Regional Board adopted TMDL with Implementation Plan			
Dissolved Oxygen	Reach 2	3B	Reflective of a condition of pollution, not necessarily a result of MS4 discharge			
pH	Reach 2	2B	Reflective of a condition of pollution, not necessarily a result of MS4 discharge			
	Sepulveda Channel	2B				

[1] Based on fate and transport mechanisms during wet weather.

Approach to Identifying Milestones and Schedules

Based on the information presented in the previous section, the following approach to identifying milestones and schedules for USEPA TMDLs, 303(d) listings without a TMDL, and RWL exceedances was utilized.

1. For USEPA TMDLs, the milestones and schedules are consistent with Regional Board adopted TMDLs for similar pollutants within the Ballona Creek watershed.

2. For Group 1 pollutants, the milestones and schedules are consistent with the TMDL milestones and schedules for the Regional Board adopted TMDL which shares the same class as the Group 1 pollutant.

3. For Group 2 pollutants, the schedule contains annual specific actions or milestones. Milestones are consistent with the TMDL milestones and schedules for the relevant TMDL.Specific actions are based on information generated from the RAA analysis, as presented in Section 7.

4. For Group 3 pollutants, the schedule contains specific actions and/or milestones. Milestones are consistent with the TMDL milestones and schedules for the relevant TMDL.Specific actions are based on the information generated from the RAA analysis and assessment of monitoring data, as presented in Section 7.

In many instances, the water quality priority analysis has indicated that either (1) a WBPC on the 2010 303(d) List meets the delisting requirements, (2) a WBPC does not meet criteria to be placed on the 2010 303(d) List, (3) MS4 discharges are not considered to be a source, or (4) the WBPC is a condition rather than a "pollutant" with the potential to be discharged from the MS4. As a result, the aforementioned approach may not have been applied to all WBPCs. Additionally, development of milestones is more complex and requires consideration of the Permit compliance mechanisms. This section describes a general approach to setting milestones for all groups and provides details specific to the milestones and scheduling for each group.

General Approach to Setting Milestones

The Permit provides four options for complying with TMDL requirements and RWLs:

1. Monitoring data demonstrating water quality objectives are being met in the receiving waters at the compliance monitoring locations outlined in the CIMP.

2. Monitoring data demonstrates water quality objectives are being met at the outfall monitoring locations specified in the CIMP.

3. Monitoring and screening data demonstrates that no discharges are occurring from MS4 outfalls.

4. For interim TMDL requirements and RWL exceedances, implementing an approved EWMP.

Based on these compliance mechanisms, four different types of milestones were considered as appropriate for the WBPCs. To avoid a situation where other sources could impact the ability of the MS4 to demonstrate compliance (such as in the receiving water) or where water quality outcomes progress either faster or slower than projected by the modeling, demonstration of any of the four different types

of milestones will result in compliance. Examples of types of milestones that were considered are shown in Table 6.

Table 6 Examples of Milestone Types Considered

Compliance Path	Interim Milestone Options	Final Milestone Options
RWL	% reduction in concentrations	Meeting water quality objectives
	% reduction in loads	Demonstration that MS4s not causing or contributing to exceedance
WQBEL	% reduction in concentrations or loads	Meeting required percent reductions from outfalls
	Increased number of outfalls meeting WQBELs	Meeting WQBELs at all monitored outfalls
No discharge	Specified reduction in number of outfalls with discharge	No discharge from screened outfalls
	Reduced amount of flow from outfalls with discharge	
EWMP (BMP-based)	% MS4 area treated	Implementation of EWMP program
	Implementation of specified # of BMPs by certain date	

Detailed Approach to Setting Milestones

Details on the approach and justification for the milestones and schedules developed for USEPA TMDL pollutants and Group 1, 2 and 3 pollutants is provided in the following subsections.

USEPA TMDLs

The implementation actions which will be taken to address the WBPCs included in the Amended BC Toxics TMDL will also address the WBPCs that are addressed by USEPA TMDLs. As a result, the schedule developed for these constituents is consistent with the Amended BC Toxics TMDL with annual milestones based on the RAA analysis and control measure implementation schedule for the Amended BC Toxics TMDL, which already includes interim requirements and numeric milestones and the date(s) for their achievement. The interim and final compliance dates are presented in the following section; however, given that the annual milestones are based on the RAA analysis and control measure implementation schedule for the Regional Board adopted TMDL, the annual milestones are presented in Section X.

The USEPA TMDLs are based on existing conditions/loads. As a result, whether or not the loads calculated at the time of TMDL development are consistent with current conditions may be verified in the future. If the loads calculated at the time of TMDL development underestimate current loads, the RAA analysis will be revised to evaluate whether control measures implemented for the Amended BC Toxics TMDL will be sufficient to meet the grouped WLAs. If control measures implemented for the Amended BC Toxics TMDL will not be sufficient to meet the grouped WLAs, the implementation schedule will be revised to extend beyond the Amended BC Toxics TMDL schedule, and will be developed based on the revised RAA analysis to reflect the additional reductions necessary to meet the grouped WLAs.

Group 1: 303(d) Listed WBPCs in the Same Class as a Regional Board TMDL

For the BCWMA, the Group 1 WBPCs are cyanide in Reach 2 and the shellfish harvesting advisory in the Estuary. The water quality priority analysis indicated that cyanide in Reach 2 could be delisted and is rarely exceeding in the receiving water. Therefore, a schedule has been established to support continual

attainment of the RWLs. The interim and final schedule milestones are based on the schedule for the BC Toxics TMDL.

Regarding the shellfish harvesting advisory in the Estuary, this WBPC is in the same class as the BC Bacteria TMDL; therefore, the BC Bacteria TMDL compliance schedule forms the basis for the shellfish harvesting advisory in the Estuary compliance schedule. However, given that the water quality objective which applies to water bodies designated with the SHELL beneficial use[3] is much more stringent than the numeric targets established for the Estuary in the BC Bacteria TMDL[4], and it is unknown whether the SHELL use is applicable. As such, the control of bacteria for the EWMP will be focused on achieveing REC-1 objectives in the Estuary.the RAA indicates that the water quality objective which applies to water bodies designated with the SHELL beneficial use will not be achieved during dry and wet weather until the control measures aimed at achieving the BC Bacteria TMDL wet weather milestones are implemented. As a result, the BC Bacteria TMDL wet weather compliance schedule is used as the dry weather and wet weather compliance schedule for the shellfish harvesting advisory in the Estuary WBPC. The WBPCs in Group 1 are summarized in Table 7.

Table 7 303(d) Listed WBPCs in the Same Class as those Addressed in a Regional Board Adopted TMDL

Constituent	Water Body	Regional Board TMDL in Same Class
Cyanide	Reach 2	Amended BC Metals TMDL (Schedule based on BC Toxics TMDL because meets criteria to de-list)
Shellfish Harvesting Advisory	Estuary	BC Bacteria TMDL and EWMP is focused on REC-1 WQOs

Group 2: 303(d) Listed WBPCs Not in the Same Class as a Regional Board TMDL

The only constituent identified in the initial classification in Group 2 is the ammonia listing in Sepulveda Channel. For this constituent, the water quality priority analysis indicated that this WBPC could be delisted and is rarely exceeding in the receiving water. However, a schedule has been established to support continual attainment of the RWLs. The interim and final schedule milestones are based on the schedule for the BC Toxics TMDL.

[3] The water quality objective which applies to water bodies designated with the SHELL beneficial use states "the median total coliform concentration through the water column for any 30-day period shall not exceed 70/100 ml, nor shall more than ten percent of the samples collected during any 30-day period exceed 230/100 ml for a five-tube decimal dilution test or 330/100 ml when a three-tube decimal dilution test is used."

[4] The BC Bacteria TMDL states "The Basin Plan objectives that serve as the numeric targets for this TMDL are:

In Marine Waters Designated for Water Contact Recreation (REC-1)

1. Geometric Mean Limits

a. Total coliform density shall not exceed 1,000/100 ml.

b. Fecal coliform density shall not exceed 200/100 ml.

c. *Enterococcus* density shall not exceed 35/100 ml.

2. Single Sample Limits

a. Total coliform density shall not exceed 10,000/100 ml.

b. Fecal coliform density shall not exceed 400/100 ml.

c. *Enterococcus* density shall not exceed 104/100 ml.

d. Total coliform density shall not exceed 1,000/100 ml, if the ratio of fecal-to-total coliform exceeds 0.1."

Group 3: Other Receiving Water Limitation Exceedances

The majority of the WBPCs in the BCWMA fall into Group 3. For the WBPCs that are in the same class as a Regional Board adopted TMDL, the limiting pollutant analysis indicates that all WBPCs will be addressed through control measures to implement the Regional Board adopted TMDLs. As a result, a schedule has been developed for these constituents consistent with the Regional Board adopted TMDLs, and the scheduling for the RAA (Section 6) and EWMP Implementation Strategy (Section 7) are consistent.

Category 2 WBPCs that meet the requirements to be removed from the 303(d) List and Category 3 WBPCs are the lowest priority given their relatively low exceedance frequency. However, for these WBPCs, where MS4 discharges may have caused or contributed to the exceedances, a schedule has been established to support continual attainment of the RWLs. The interim and final schedule milestones are based on the schedule for the BC Toxics TMDL. For Category 2 and 3 WBPCs where the WBPC is a condition rather than a "pollutant" with the potential to be discharged from the MS4, a schedule was not created because specific implementation actions (beyond those already being implemented to achieve compliance with RWLs) are not required.

Proposed Interim Numeric Milestones and Compliance Schedule

Part VI.C.5.c of the Permit discusses the compliance schedule requirements associated with the EWMP. The EWMP implementation schedule was developed based on TMDL milestones (e.g., interim and final numeric limits). Interim and final compliance dates in the Regional Board adopted TMDLs are the primary drivers for the BCWMG RAA and EWMP implementation schedule. Table 8 presents the compliance schedule for USEPA TMDLs, 303(d) listings, and other RWL exceedances which fall under Category 1, 2 and 3. For simplicity, only the year of each milestone is shown; however, the exact date remains consistent with the milestone dates included in the relevant Regional Board adopted TMDL. The EWMP, including its implementation schedule will be periodically reviewed and updated as part of the adaptive management process; therefore, the schedule identified in Table 8 may be revised in the future. For those pollutants for which no compliance schedule was included,

The final dry and wet weather milestone for Category 2 WBPCs that meet the requirements to be removed from the 303(d) List and Category 3 WBPCs presented in Table 9 is January 11, 2021. Table 10 presents the list of the remaining Category 2 and 3 WBPCs where the WBPC is a condition rather than a "pollutant" with the potential to be discharged from the MS4. Available data will be assessed and, if the MS4 discharges are identified as causing or contributing to exceedances for WBPCs identified in Table 10**,** the EWMP will be revised consistent with Part VI.c.2.a.iii (page 51) of the Permit.

Table 8 Compliance Schedule for Category 1, 2, and 3 Water Quality Priorities that are not Included in a Regional Board Adopted TMDL

Constituent	WQP Category and Water Body	Compliance Schedule Source	Weather Condition	Compliance Dates and Compliance Milestones (Bolded numbers indicated milestone deadlines within the current Permit term)[1]										
				2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2025
Mercury (total)	C2: Estuary C2: Reach 2 C2: Reach 1	Amended BC Metals	Dry	**50%**		**75%**		**100%**						
			Wet	**25%**				**50%**					100%	
Nickel[2]	C2: Estuary	Amended BC Metals	Dry	**50%**		**75%**		**100%**						
Silver	C3: Reach 2 C2: Reach 1 C3: Centinela	Amended BC Metals	Wet	**25%**				**50%**					100%	
DDT (sediment)	C1 (EPA TMDL): Santa Monica Bay	Amended BC Toxics	All		**25%**			**50%**	**75%**				100%	
PCBs (sediment)	C1 (EPA TMDL): Santa Monica Bay	Amended BC Toxics	All		**25%**			**25%**					50%	100%
Sediment	C1 (EPA TMDL): Wetlands	Amended BC Toxics	All		**25%**			**50%**	**75%**				100%	
4,4'-DDE	C3: Reach 2 C2: Centinela	Amended BC Toxics	Wet		**25%**			**50%**	**75%**				100%	
Benzo(a)anthracene	C2: Reach 2 C3: Centinela	Amended BC Toxics	Wet		**25%**			**50%**	**75%**				100%	
Dibenzo(a,h)anthracene	C2: Estuary	Amended BC Toxics	Dry		**25%**			**50%**	**75%**				100%	
Indeno(1,2,3-cd)pyrene	C2: Estuary C3: Reach 2 C3: Centinela	Amended BC Toxics	All		**25%**			**50%**	**75%**				100%	
Shellfish Harvesting Advisory	C2: Estuary	BC Bacteria	Dry										100%	
			Wet										100%	

[1] The Permit term is assumed to be five years from the Permit effective date or December 27, 2017.

[2] Note that if additional control measures will need to be implemented to provide reasonable assurance that RWLs will be met in the Ballona Creek Estuary, the schedule will extend beyond the Amended BC Metals TMDL schedule and will be developed based on the RAA analysis to reflect the additional reductions necessary to meet the RWL.

Table 9 Compliance Schedule based on the BC Toxics TMDL for Category 2 and 3 Water Quality Priorities that Do Not Meet the 303(d) Listing Requirements[1]

Constituent	WQP Category and Water Body	Compliance Schedule Source	Weather Condition	Schedule	Notes
Cadmium (total)	C3: Reach 2 C3: Reach 1 C3: Centinela	None	Wet	January 11, 2021	Only 2 of 103 exceedances in last 10 years in Reach 2, 1 of 20 exceedances in last 10 years in Reach 1, and 2 of 38 exceedances in last 10 years in Centinela Creek[1]
4,4'-DDT	C3: Centinela	None	Wet		Only 1 of 27 exceedances in last 10 years in Centinela Creek[1]
3,4 Benzofluoranthene	C3: Reach 2	None	Wet		Only 1 of 59 exceedances in last 10 years in Reach 2[1]
alpha-chlordane	C3: Reach 2	None	Wet		Only 1 of 57 exceedances in last 10 years in Reach 2[1]
gamma-chlordane	C3: Reach 2	None	Wet		Only 1 of 57 exceedances in last 10 years in Reach 2[1]
Benzo(a)pyrene	C3: Reach 2	None	Wet		Only 1 of 66 exceedances in last 10 years in Reach 2[1]
Benzo(k)fluoranthene	C3: Centinela	None	Wet		Only 1 of 27 exceedances in last 10 years in Centinela Creek[1]
Bis(2-Ethylhexyl) phthalate	C3: Reach 2 C3: Centinela C3: Sepulveda	None	All		Only 5 of 72 exceedances in last 10 years in Reach 2, 1 of 14 exceedances in last 10 years in Centinela Creek, and 1 of 14 exceedances in last 10 years in Sepulveda Channel[1]
Chrysene	C3: Reach 2 C3: Centinela	None	Wet		Only 1 of 66 exceedances in last 10 years in Reach 2 and 1 of 27 exceedances in last 10 years in Centinela Creek[1]
Diazinon	C3: Reach 2 C3: Sepulveda	None	Wet		Only 2 of 61 exceedances in last 10 years in Reach 2 and 1 of 11 exceedances in last 10 years in Sepulveda Channel[1]
Cyanide	C2: Reach 2 C3: Sepulveda	None	All		Meets criteria to de-list for waterbodies on 303(d) list and does not meet criteria to be placed on 303(d) list for waterbodies not on 303(d) list
Ammonia	C3: Reach 2 C2: Sepulveda	None	Dry		Meets criteria to de-list for waterbodies on 303(d) list and does not meet criteria to be placed on 303(d) list for waterbodies not on 303(d) list
Dissolved Oxygen	C3: Reach 2	None	All		Reflective of a condition of pollution, not necessarily a result of MS4 discharge
pH	C2: Reach 2 C2: Sepulveda	None	All		Reflective of a condition of pollution, not necessarily a result of MS4 discharge

[1] Attainment of the percentages may be demonstrated either as a reduction in exceedance frequency at time of EWMP approval or percent area meeting the RWL.

Table 10. Water Quality Priorities where either MS4 discharges are not Considered to be a Source or the Water Body Pollutant Combination is a Condition Rather than a "pollutant" with the Potential to be Discharged from the MS4

Constituent	WQP Category and Water Body	Weather Condition	Notes
Dissolved Oxygen	C3: Reach 2	All	Reflective of a condition of pollution, not necessarily a result of MS4 discharge
pH	C2: Reach 2 C2: Sepulveda	All	Reflective of a condition of pollution, not necessarily a result of MS4 discharge

Appendix 3.B
Supporting Information for the Receiving Water Analysis

Per Part VI.C.5.a.i (pg 58) of the Permit, each EWMP shall include an evaluation of existing water quality conditions, including characterization of receiving water quality. Data were compiled to identify constituents exceeding applicable water quality objectives. Applicable water quality objectives were obtained from the California Toxics Rule (CTR), Basin Plan, and relevant TMDLs. Applicable water quality objectives from the CTR and Basin Plan were selected based on the beneficial uses identified in the Basin Plan (summarized in Table 11). Generally, the water quality objectives utilized included those established for the protection of aquatic life, contact recreation and human health related to the consumption of organisms. Bed and suspended sediment quality data were compared to TMDL targets. Given the significant number of water quality constituents and corresponding water quality objectives the following steps were taken:

- The first step in the analysis was to develop a list of constituents that were sampled for but were never detected in any water body within the EWMP area and therefore would not fall into one of the three Permit categories (Appendix 3.A). A list of these constituents is presented in Attachment 1.
- Next, constituents that were detected but the sample results never exceeded a corresponding water quality objective and therefore would not fall into one of the three Permit categories were identified. A list of these constituents is presented in Attachment 2.
- All other constituents (*i.e.*, all constituents detected and with sample results that had at least one result greater than an applicable water quality objective) were subject to further analysis. Summary tables are presented in Attachment 3. These tables generally include the following attributes:
    - Applicable water body segments (*i.e.*, tributaries, reaches, etc.)
    - TMDL target or applicable water quality objective (*e.g.*, CTR and/or Basin Plan)
    - Applicable wet or dry weather conditions
    - Date range of data
    - Total number of samples, number of samples exceeding the water quality objectives, percent exceedance frequency, and number of exceedances in the past five years of available data
    - Whether or not the number of exceedances suggested an impairment per the State's 303(d) Listing Policy[5]
    - Average, median, maximum, and minimum of sample results

[5] 2004 Water Quality Control Policy for Developing California's Clean Water Act Section 303 (d) List.

Table 11 Ballona Creek Watershed Designated Beneficial Uses as Presented in the Los Angeles Region Basin Plan

Water Body	REC1	LREC-1	REC2	HFS	MUN	NAV	COMM	WARM	EST	MAR	WILD	RARE	MIGR	SPWN	SHELL	WET [b]
Ballona Creek Estuary (ends at Centinela Creek) [c,w]	E		E			E	E		E	E	E	Ee	Ef	Ef	E	
Ballona Lagoon [c]	E		E			E	E		E	E	E	Ee	Ef	Ef	E	E
Ballona Wetlands [c]	E		E						E		E	Ee	Ef	Ef		E
Del Rey Lagoon [c]	E		E			E	E		E		E	Ee	Ef	Ef		E
Ballona Creek Reach 2 (Estuary to National Blvd.)	Ps,au	E	E	Yav	P*			P			P					
Ballona Creek Reach 1 (above National Blvd.)	Ps,au		E	Yav	P*			P			E					

E: Existing beneficial use P: Potential beneficial use

b: Waterbodies designated as WET may have wetlands habitat associated with only a portion of the waterbody. Any regulatory action would require a detailed analysis of the area.

c: Coastal waterbodies which are also listed in Coastal Features Table (2-3) or in Wetlands Table (2-4) of the Basin Plan.

e: One or more rare species utilizes all ocean, bays, estuaries, and coastal wetlands for foraging and/or nesting.

f: Aquatic organisms utilize all bays, estuaries, lagoons, and coastal wetlands, to a certain extent, for spawning and early development. This may include migration into areas which are heavily influenced by freshwater inputs.

s: Access prohibited by Los Angeles County Department of Public Works.

w: These areas are engineered channels. All references to Tidal Prisms in Regional Board documents are functionally equivalent to estuaries

* Asterisked MUN designations are designated under SB 88-63 and RB 89-03. Some designations may be considered for exemption at a later date (See pages 2-3, 4 for more details).

au: The REC-1 use designation does not apply to recreational activities associated with the swimmable goal as expressed in the Federal Clean Water Act section 101(a)(2) and regulated under the REC-1 use in the Basin Plan, or the associated bacteriological objectives set to protect those activities. However, water quality objectives set to protect other REC-1uses associated with the fishable goal as expressed in the Federal Clean Water Act section 1010(a)(2) shall remain in effect for waters where the (au) footnote appears.

av: The High Flow Suspension only applies to water contact recreational activities associated with the swimmable goal as expressed in the federal Clean Water Act section 101(a)(2) and regulated under the REC-1 use, noncontact water recreation involving incidental water contact regulated under the REC-2 use, and the associated bacteriological objectives set to protect those activities. Water quality objectives set to protect (1) other recreational uses associated with the fishable goal as expressed in the federal Clean Water Act section 101(a)(2) and regulated under the REC-1 use and (2) other REC-2 uses (*e.g.*, uses involving the aesthetic aspects of water) shall remain in effect at all times for waters where the (av) footnote appears.

For the analysis presented in Attachment 3, the determination of weather condition was based on the designation provided by the sampling program. If no information was provided by the sampling program, flow records were reviewed. If flow on the sample date exceeded the definition of wet weather of 64 cubic feet per second (cfs) identified in the 2013 Ballona Creek Metals TMDL, it was identified as a wet weather sample.

A large proportion of the data included non-detect values. Using these data to calculate summary statistics requires methods for dealing with the inherent uncertainty in characterizing the true range of water quality conditions. The method used to consider non-detect data results is typically known as regression on order statistics (ROS). Use of the ROS method, when statistical criteria are met, more appropriately estimates actual values than the commonly employed practice of assuming one half the detection limit for non-detect values. Criteria for sufficient data to use the ROS method are: 1) at least 20% and preferably 50% detected data and 2) at least three unique detected values. Instances of insufficient detected data results are noted in the summary tables as <20% detect Attachment 3.

In addition to the results for water data presented in Attachment 3, sediment data for samples collected from bed sediments in the Ballona Creek Estuary and suspended sediments collected in Ballona Creek and Centinela Creek are compared to TMDL targets and summarized in tables presented in Attachment 4**.**

Summary of Key Findings of Receiving Water Data Analysis

The following provides a summary of key findings from the receiving water data analysis. It is not intended to be a detailed discussion of all the results of the data analysis. Instead, the summary highlights outcomes of the data analysis that may affect the constituents addressed by the EWMP and/or the way the EWMP will approach addressing the constituent. For example, some constituents addressed by the Metals TMDL appear to exceed less frequently than in the past and as such, are discussed in this subsection. Conversely, indicator bacteria continue to exceed on a frequent basis and nothing "new" was learned from the data analysis. As such, indictor bacteria are not discussed in this subsection. The key findings are organized as follows:

- Summary of findings related to the Metals TMDL.
- Identification of constituents that are not currently on the 303(d) List, but appear to meet the listing requirements.
- Identification of constituents that exhibited exceedances of relevant water quality objectives, but do not meet the 303(d) listing requirements.
- Identification of current 303(d) listed constituents not addressed by a TMDL that appear to meet the delisting requirements.

Key Findings Related to the Metals TMDL

Wet weather is the primary condition where exceedances of metals criteria and TMDL targets persist. Over the past five years, copper, lead and zinc exceedances during dry weather are infrequent. As noted in the 2013 Metals TMDL Amendment, selenium does not appear to be an issue during wet or dry weather. The following provides a generalized summary of the key findings from data collected over the past five years (note that percentages are rounded) (see Attachment 3 for detailed summary):

- Dissolved Copper: Consistently exceeds in wet weather (40%-90%) but rarely in dry weather (0%-4%).
- Total Copper: Consistently exceeds in wet weather (>90%), but rarely in dry weather (0%-4%).
- Dissolved Lead: Rarely exceeds during wet or dry weather (0%-2%).
- Total Lead: Consistently exceeds in wet weather (>90%), but rare in dry weather (0%-2%).
- Dissolved Zinc: Consistently exceeds CTR criteria in wet weather (0%-20%), but does not exceed in dry weather.
- Total Zinc: Consistently exceeds in wet weather (>75%), but rare in dry weather (<1%).
- Total Selenium: Only one sample out of 200 exceeded during wet or dry weather.

Constituents Not on the 303(d) List, But Appear to Meet Listing Requirements

The data analysis identified a number of constituents exceeding relevant water quality objectives, at a frequency that appears to meet the 303(d) listing criteria. The following identifies the constituents by waterbody and discusses the frequency of exceedances during relevant conditions (*e.g.*, wet and/or dry weather). Table 12 presents a summary of the information. A more detailed summary of the analysis can be found in the tables presented in Attachment 3.

Table 12 Summary of Key Findings – Constituents Not Currently on the 303(d) List, but Appear to Meet Listing Criteria

Waterbody	Constituent	W/D	% Exceed	% Exceed in Past 5 Years	Source of Water Quality Objective (WQO)
Ballona Creek Estuary	Zinc Dissolved	Wet	13%	NS	CTR Saltwater Acute
	Zinc Total	Wet	19%	NS	CTR Saltwater Acute
	Copper Dissolved	Wet	60%	NS	CTR Saltwater Acute
	Copper Total	Wet	69%	NS	CTR Saltwater Acute
	Copper Dissolved	Dry	48%	6%	CTR Saltwater Chronic
	Copper Total	Dry	52%	6%	CTR Saltwater Chronic
	Lead Dissolved	Dry	18%	0%	CTR Saltwater Chronic
	Lead Total	Dry	21%	0%	CTR Saltwater Chronic
	Nickel Dissolved	Dry	22%	NS	CTR Saltwater Chronic
	Nickel Total	Dry	26%	NS	CTR Saltwater Chronic
	Mercury Total	Wet	29%	NS	CTR HH Organism
	Mercury Total	Dry	23%	NS	CTR HH Organism
	Dibenzo(a,h)anthracene	Dry	13%	13%	CTR HH Organism
	Indeno(1,2,3-cd)pyrene	Dry	13%	13%	CTR HH Organism
Ballona Creek Reach 1	Silver Dissolved	Wet	10%	0%	CTR Freshwater Acute
	Silver Total	Wet	10%	0%	CTR Freshwater Acute
	Mercury Total	Wet	30%	NS	CTR HH Organism
	Mercury Total	Dry	27%	NS	CTR HH Organism
	Benzo(a)anthracene	Wet	8%	10%	CTR HH Organism

Waterbody	Constituent	W/D	% Exceed	% Exceed in Past 5 Years	Source of Water Quality Objective (WQO)
Ballona Creek Reach 2	Mercury Total	Wet	10%	0%	CTR HH Organism
	Mercury Total	Dry	22%	13%	CTR HH Organism
	pH	Dry	24%	29%	BP Minimum/Maximum
Centinela Creek	4,4'-DDE	Wet	11%	19%	CTR HH Organism
Sepulveda Channel	pH	Dry	80%	0%	BP Minimum/Maximum

BP = Basin Plan
CTR = California Toxics Rule
NS = Not Sampled
HH Organism = Human Health Organisms only criteria

Constituents Exceeding Objectives, But Do Not Meet the Listing Requirements

The data analysis identified a number of constituents as exceeding relevant water quality objectives, but not at a frequency that meets the 303(d) listing criteria. Table 13 identifies the constituents by waterbody and includes the frequency of exceedances during relevant conditions (*e.g.*, wet and/or dry weather). A more detailed summary of the analysis can be found in the tables presented in Attachment 3.

Table 13 Summary of Key Findings – Constituents Exceeding Objectives, But That Do Not Appear to Meet Listing Criteria

Waterbody	Constituent	W/D	% Exceed	% Exceed in Past 5 Years	Source of Water Quality Objective (WQO)
Ballona Creek Estuary	Silver Dissolved	Wet	6%	NS	CTR Saltwater Acute
	Silver Total	Wet	6%	NS	CTR Saltwater Acute
	Zinc Total	Dry	2%	0%	CTR Saltwater Chronic
Ballona Creek Reach 1	Cadmium Total	Wet	5%	0%	CTR Freshwater Acute
Ballona Creek Reach 2	3,4 Benzofluoranthene	Wet	1.7%	2.6%	CTR HH Organism
	4,4'-DDE	Wet	1.8%	2.6%	CTR HH Organism
	Ammonia-N	Dry	3.7%	6.7%	BP 30-day Acute early life stage fish present
	Benzo(a)pyrene	Wet	1.5%	2.6%	CTR HH Organism
	Bis(2-Ethylhexyl) phthalate	Wet	6.5%	5.3%	CTR HH Organism
	Bis(2-Ethylhexyl) phthalate	Dry	7.7%	0%	CTR HH Organism
	Cadmium Total	Wet	1.9%	0%	CTR Freshwater Acute
	Chrysene	Wet	1.5%	2.6%	CTR HH Organism
	Indeno(1,2,3-cd)pyrene	Wet	1.5%	2.6%	CTR HH Organism
	Silver Dissolved	Wet	1%	0%	CTR Freshwater Acute
	Silver Total	Wet	1.9%	0%	CTR Freshwater Acute
	alpha-chlordane	Wet	1.8%	2.6%	CTR HH Organism
	gamma-chlordane	Wet	1.8%	2.6%	CTR HH Organism
	Diazinon	Wet	3.3%	0%	USEPA Freshwater Acute
	Oxygen Dissolved	Wet	4.7%	0%	BP Single Sample Minimum

Waterbody	Constituent	W/D	% Exceed	% Exceed in Past 5 Years	Source of Water Quality Objective (WQO)
	Cyanide Total	Wet	7.1%	5.3%	CTR Freshwater Acute
		Dry	3.8%	0%	CTR Freshwater Chronic
	pH	Wet	9.5%	15%	BP Minimum/Maximum
Centinela Creek	4,4'-DDT	Wet	3.7%	6%	CTR HH Organism
	Benzo(a)anthracene	Wet	4.5%	6%	CTR HH Organism
	Benzo(k)fluoranthene	Wet	3.7%	6%	CTR HH Organism
	Bis(2-Ethylhexyl) phthalate	Wet	9.1%	9.1%	CTR HH Organism
	Cadmium Total	Wet	5.3%	0%	CTR Freshwater Acute
	Chrysene	Wet	3.7%	6%	CTR HH Organism
	Silver Total	Wet	5.3%	13%	CTR Freshwater Acute
	Indeno(1,2,3-cd)pyrene	Wet	3.7%	6%	CTR HH Organism
	pH	Wet	18.2%	NS	BP Minimum/Maximum
		Dry	33.3%	NS	BP Minimum/Maximum
Benedict Canyon Channel	Bis(2-Ethylhexyl) phthalate	Wet	9.1%	NS	CTR HH Organism
	Diazinon	Wet	9.1%	NS	USEPA Freshwater Acute
	Mercury Total	Wet	6.7%	NS	CTR HH Organism
Sepulveda Channel	Bis(2-Ethylhexyl) phthalate	Wet	9.1%	NS	CTR HH Organism
	Diazinon	Wet	9.1%	NS	USEPA Freshwater Acute
	Cyanide Total	Wet	9.1%	NS	CTR Freshwater Acute

BP = Basin Plan
CTR = California Toxics Rule
NS = Not Sampled
HH Organism = Human Health Organisms only criteria

Identification of Current 303(d) Listed Constituents Not Addressed by a TMDL that Meet the Delisting Requirements

Two of the three 303(d) listings not addressed by an existing TMDL were identified as potentially meeting delisting requirements: ammonia and cyanide.

Cyanide in Ballona Creek was listed based on three of 18 samples exceeding at the LA County mass emission station between October 2000 and April 2003. A review of the past 10 years of data indicates that only five of 82 samples exceed the applicable CTR criteria. For toxicants, the maximum number of exceedances allowed for delisting is shown in Table 4.1 (Page 14) of the Listing Policy and indicates that if the sample size is between 72 and 82 a constituent can be delisted if the number of exceedances is equal to or less than six. A more detailed summary of the analysis can be found in the tables presented in Attachment 3.

Data for ammonia and pH were collected by the Los Angeles Department of Public Works in Sepulveda Channel (Culver Blvd and at Ballona Creek locations) from May 1988 to July 1994. Additional ammonia, pH, and temperature data were collected by the City of Los Angeles in Sepulveda Channel at Culver Blvd. from May 2009 to October 2009 and by the Regional Board at six stations in Sepulveda Channel in January 2009.

Table 14 presents a summary of the data.

Table 14 Summary of Ammonia Data used for the Delisting Analysis for Sepulveda Canyon Channel

Sampled by	Time Period	# of Samples	# of Exceedances	Delist if the # of exceedances ≤[1]
Historical Data				
Los Angeles County Department of Public Works	05/1988-07/1994	69	7	5
Recent Data				
City of Los Angeles	05/2009-10/2009	22	0	2
Los Angeles Regional Board	01/2009	6	0	
Total (recent data)		*28*	*0*	
Total (historical & recent)		97	7	8

[1]For toxicants, the maximum number of exceedances allowed for delisting is shown in Table 4.1 (Page 14) of the 303 (d) Listing Policy.

To calculate the number of exceedances presented Table 13, for each ammonia concentration, each sample result was compared to the applicable 30-day chronic criterion for ammonia (based on Basin Plan ammonia water quality objectives). The chronic-criterion value is calculated for each dataset using applicable pH and temperature data. For the historical data, temperature data were not available. Therefore, temperature was estimated on a monthly basis using recent data and historical temperatures[6].

The calculated criterion was compared to the corresponding ammonia concentration of the sample. The number of exceedances was then compared to the requirements for delisting presented in Section 4 of the Listing Policy. For toxicants, the maximum number of exceedances allowed for delisting is shown in Table 4.1 (Page 14) of the Listing Policy.

As shown in Table 14 above, the total number of exceedances is below the maximum number of exceedances allowed to delist per the Listing Policy. As a result, the available data demonstrates that Sepulveda Channel meets the water quality objectives for ammonia.

[6] http://www.wrcc.dri.edu/cgi-bin/cliMAIN.pl?ca2214

Appendix 3.B Attachment 1
List of Constituents that have not been Detected in Water

Constituents in this attachment were not detected in any available data reviewed.

Ballona Creek Estuary – Constituents that have not been detected in water						
Constituent	Date Range of Available Data		N	Detection Limits		Units
				Min DL	Max DL	
2,4'-DDD	2/5/2009	5/17/2010	16	0.001	0.003	µg/L
2,4'-DDE	2/5/2009	5/17/2010	16	0.001	0.003	µg/L
2,4'-DDT	2/5/2009	5/17/2010	16	0.003	0.004	µg/L
3,4 Benzofluoranthene	2/5/2009	5/17/2010	16	0.14	0.14	µg/L
4,4'-DDD	2/5/2009	5/17/2010	16	0.001	0.004	µg/L
4,4'-DDE	2/5/2009	5/17/2010	16	0.002	0.004	µg/L
4,4'-DDT	2/5/2009	5/17/2010	16	0.002	0.003	µg/L
Acenaphthene	2/5/2009	5/17/2010	16	0.13	0.13	µg/L
Acenaphthylene	2/5/2009	5/17/2010	16	0.13	0.13	µg/L
alpha-chlordane	2/5/2009	5/17/2010	14	0.001	0.07	µg/L
Anthracene	2/5/2009	5/17/2010	16	0.11	0.11	µg/L
Aroclor 1016	2/5/2009	5/17/2010	6	0.03	0.081	µg/L
Aroclor 1221	2/5/2009	5/17/2010	6	0.02	0.49	µg/L
Aroclor 1232	2/5/2009	5/17/2010	6	0.06	0.1	µg/L
Aroclor 1242	2/5/2009	5/17/2010	6	0.04	0.23	µg/L
Aroclor 1248	2/5/2009	5/17/2010	6	0.04	0.1	µg/L
Aroclor 1254	2/5/2009	5/17/2010	6	0.02	0.04	µg/L
Aroclor 1260	2/5/2009	5/17/2010	6	0.03	0.07	µg/L
Benzo(a)anthracene	2/5/2009	5/17/2010	16	0.14	0.14	µg/L
Benzo(a)pyrene	2/5/2009	5/17/2010	16	0.13	0.13	µg/L
Benzo(k)fluoranthene	2/5/2009	5/17/2010	16	0.11	0.11	µg/L
Chrysene	2/5/2009	5/17/2010	16	0.12	0.12	µg/L
Dieldrin	2/5/2009	5/17/2010	15	0.001	0.005	µg/L
Fluoranthene	2/5/2009	5/17/2010	16	0.02	0.02	µg/L
Fluorene	2/5/2009	5/17/2010	16	0.02	0.02	µg/L
gamma-chlordane	2/5/2009	5/17/2010	14	0.001	0.07	µg/L
Naphthalene	2/5/2009	5/17/2010	16	0.13	0.13	µg/L
Nonachlor, cis-	2/5/2009	5/17/2010	14	0.001	0.09	µg/L
Nonachlor, trans-	2/5/2009	5/17/2010	14	0.001	0.09	µg/L
Oxychlordane	2/5/2009	5/17/2010	14	0.002	0.08	µg/L
PCB 018	2/5/2009	3/9/2010	13	0.002	0.002	µg/L
PCB 028	2/5/2009	3/9/2010	13	0.002	0.002	µg/L
PCB 037	2/5/2009	3/9/2010	13	0.0036	0.0036	µg/L

Ballona Creek Estuary – Constituents that have not been detected in water						
Constituent	Date Range of Available Data		N	Detection Limits		Units
				Min DL	Max DL	
PCB 044	2/5/2009	3/9/2010	13	0.0019	0.0019	µg/L
PCB 049	2/5/2009	3/9/2010	13	0.002	0.002	µg/L
PCB 052	2/5/2009	3/9/2010	13	0.0062	0.0062	µg/L
PCB 066	2/5/2009	3/9/2010	13	0.0014	0.0014	µg/L
PCB 070	2/5/2009	3/9/2010	13	0.0013	0.0013	µg/L
PCB 074	2/5/2009	3/9/2010	13	0.00024	0.0024	µg/L
PCB 077	2/5/2009	3/9/2010	13	0.0018	0.0018	µg/L
PCB 081	2/5/2009	3/9/2010	13	0.0016	0.0016	µg/L
PCB 087	2/5/2009	3/9/2010	13	0.0018	0.0018	µg/L
PCB 099	2/5/2009	3/9/2010	13	0.0023	0.0023	µg/L
PCB 101	2/5/2009	3/9/2010	13	0.0014	0.0014	µg/L
PCB 105	2/5/2009	3/9/2010	13	0.0015	0.0015	µg/L
PCB 110	2/5/2009	3/9/2010	13	0.0016	0.0016	µg/L
PCB 114	2/5/2009	3/9/2010	13	0.0014	0.0014	µg/L
PCB 118	2/5/2009	3/9/2010	13	0.0016	0.0016	µg/L
PCB 119	2/5/2009	3/9/2010	13	0.0016	0.0016	µg/L
PCB 123	2/5/2009	3/9/2010	13	0.0015	0.0015	µg/L
PCB 126	2/5/2009	3/9/2010	13	0.0015	0.0015	µg/L
PCB 128	2/5/2009	3/9/2010	13	0.0017	0.0017	µg/L
PCB 138	2/5/2009	3/9/2010	13	0.0012	0.0012	µg/L
PCB 149	2/5/2009	3/9/2010	13	0.0017	0.0017	µg/L
PCB 151	2/5/2009	3/9/2010	13	0.0014	0.0014	µg/L
PCB 153/168	2/5/2009	3/9/2010	13	0.0016	0.0031	µg/L
PCB 156	2/5/2009	3/9/2010	13	0.0015	0.0015	µg/L
PCB 157	2/5/2009	3/9/2010	13	0.0016	0.0016	µg/L
PCB 158	2/5/2009	3/9/2010	13	0.0021	0.0021	µg/L
PCB 167	2/5/2009	3/9/2010	13	0.0018	0.0018	µg/L
PCB 169	2/5/2009	3/9/2010	13	0.0014	0.0014	µg/L
PCB 170	2/5/2009	3/9/2010	13	0.0014	0.0014	µg/L
PCB 177	2/5/2009	3/9/2010	13	0.0016	0.0018	µg/L
PCB 180	2/5/2009	3/9/2010	13	0.0016	0.0016	µg/L
PCB 183	2/5/2009	3/9/2010	13	0.0016	0.0016	µg/L
PCB 187	2/5/2009	3/9/2010	13	0.0015	0.0015	µg/L
PCB 189	2/5/2009	3/9/2010	13	0.001	0.001	µg/L
PCB 194	2/5/2009	3/9/2010	13	0.0017	0.0017	µg/L
PCB 201	2/5/2009	3/9/2010	13	0.0016	0.0016	µg/L
PCB 206	2/5/2009	3/9/2010	13	0.0012	0.0012	µg/L
Pyrene	2/5/2009	5/17/2010	16	0.02	0.02	µg/L
Vanadium Dissolved	4/26/2001	5/31/2001	2	5	5	µg/L
Vanadium Total	4/26/2001	5/31/2001	2	5	5	µg/L

Ballona Creek Reach 2 – Constituents that have not been detected in water						
Constituent	Date Range of Available Data		N	Detection Limit		Units
				Min DL	Max DL	
1,2 Benzanthracene	10/10/2002	6/12/2013	65	0.03	1.67	µg/L
1,2,4,5-Tetrachlorobenzene	10/17/2004	3/9/2005	6	1	1	µg/L
1,2,4-Trichlorobenzene	10/10/2002	6/12/2013	71	0.33	1	µg/L
1,2-Dichlorobenzene	10/10/2002	6/12/2013	71	0.05	1	µg/L
1,2-Diphenylhydrazine	10/10/2002	6/12/2013	71	0.33	3	µg/L
1,3-Dichlorobenzene	10/10/2002	6/12/2013	71	0.05	1	µg/L
1,4-Dichlorobenzene	10/10/2002	6/12/2013	71	0.05	1	µg/L
1-Chloronaphthalene	10/17/2004	3/9/2005	6	0.1	0.1	µg/L
1-Naphthylamine	10/17/2004	3/9/2005	6	3	3	µg/L
2- Chlorophenol	10/17/2005	6/12/2013	54	0.67	2	µg/L
2,3,4,6-Tetrachlorophenol	10/17/2004	3/9/2005	6	1	1	µg/L
2,4,5-TP	10/10/2002	6/12/2013	71	0.067	10	µg/L
2,4,5-Trichlophenol	10/17/2004	3/9/2005	6	1	1	µg/L
2,4,6-Trichlophenol	10/10/2002	6/12/2013	40	1	1	µg/L
2,4-D	10/10/2002	6/12/2013	71	0.015	10	µg/L
2,4'-DDD	10/31/2006	10/9/2013	37	0.003	0.05	µg/L
2,4'-DDE	10/31/2006	10/9/2013	37	0.002	0.05	µg/L
2,4'-DDT	10/31/2006	10/9/2013	37	0.002	0.01	µg/L
2,4-Dichlorophenol	10/10/2002	6/12/2013	73	0.33	2	µg/L
2,4-Dimethylphenol	10/10/2002	6/12/2013	73	0.67	2	µg/L
2,4-Dinitrophenol	10/10/2002	6/12/2013	73	1	3	µg/L
2,4-Dinitrotoluene	10/10/2002	6/12/2013	71	0.05	5	µg/L
2,6-Dichlorophenol	10/17/2004	3/9/2005	6	2	2	µg/L
2,6-Dinitrotoluene	10/10/2002	6/12/2013	71	0.05	5	µg/L
2-Chloroethyl Vinyl Ether	10/17/2005	4/9/2013	67	0.33	400	µg/L
2-Chloronaphthalene	10/10/2002	6/12/2013	71	0.1	10	µg/L
2-Chlorophenol	10/10/2002	3/9/2005	17	2	2	µg/L
2-Methylphenol	10/17/2004	3/9/2005	6	3	3	µg/L
2-Naphthylamine	10/17/2004	3/9/2005	6	3	3	µg/L
2-Nitroaniline	10/17/2004	3/9/2005	6	3	3	µg/L
2-Nitrophenol	10/10/2002	6/12/2013	73	1	3	µg/L
2-Picoline	10/17/2004	3/9/2005	6	3	3	µg/L
3,3-Dichlorobenzidine	10/10/2002	6/12/2013	71	1.67	5	µg/L
3-Nitroaniline	10/17/2004	3/9/2005	6	3	3	µg/L
4,4'-DDD	10/10/2002	10/9/2013	75	0.002	0.1	µg/L
4,4'-DDT	10/10/2002	10/9/2013	75	0.001	0.1	µg/L
4,6 Dinitro-2-methylphenol	10/10/2002	6/12/2013	71	1	5	µg/L
4-Bromophenyl phenyl ether	10/10/2002	6/12/2013	71	0.4	1.67	µg/L
4-chloro-3-methylphenol	10/10/2002	6/12/2013	73	1	3	µg/L
4-Chlorophenyl phenyl ether	10/10/2002	6/12/2013	71	0.04	1.67	µg/L
4-Methylphenol	10/17/2004	3/9/2005	6	3	3	µg/L

Ballona Creek Reach 2 – Constituents that have not been detected in water						
Constituent	Date Range of Available Data		N	Detection Limit		Units
				Min DL	Max DL	
4-Nitroaniline	10/17/2004	3/9/2005	6	3	3	µg/L
4-Nitrophenol	10/10/2002	6/12/2013	73	1	3	µg/L
7,12-Dimethylbenz(a)anthracene	10/17/2004	3/9/2005	6	0.1	0.1	µg/L
Acenaphthene	10/10/2002	10/9/2013	91	0.05	1	µg/L
Acenaphthylene	10/10/2002	10/9/2013	91	0.05	2	µg/L
Acetophenone	10/17/2004	3/9/2005	6	0.3	0.3	µg/L
Aldrin	10/10/2002	6/12/2013	70	0.004	0.05	µg/L
alpha,alpha-Dimethylphenethylamine	10/17/2004	3/9/2005	6	3	3	µg/L
alpha-BHC	10/10/2002	6/12/2013	70	0.003	0.05	µg/L
Aminobiphenyl	10/17/2004	3/9/2005	6	3	3	µg/L
Aniline	10/17/2004	3/9/2005	6	3	3	µg/L
Anthracene	10/10/2002	10/9/2013	91	0.05	2	µg/L
Aroclor 1016	10/10/2002	10/9/2013	90	0.01	0.5	µg/L
Aroclor 1221	10/10/2002	10/9/2013	94	0.01	0.5	µg/L
Aroclor 1232	10/10/2002	10/9/2013	90	0.01	0.5	µg/L
Aroclor 1242	10/10/2002	10/9/2013	90	0.01	0.5	µg/L
Aroclor 1248	10/10/2002	10/9/2013	90	0.01	0.5	µg/L
Aroclor 1254	10/10/2002	10/9/2013	90	0.01	0.5	µg/L
Aroclor 1260	10/10/2002	10/9/2013	90	0.01	0.5	µg/L
Atrazine	10/10/2002	6/12/2013	71	0.667	2	µg/L
Bentazon	10/17/2004	3/9/2005	6	2	2	µg/L
Benzidine	10/10/2002	6/12/2013	71	1.67	5	µg/L
Benzo(k)fluouranthene	10/10/2002	10/9/2013	91	0.1	2	µg/L
beta-BHC	10/10/2002	6/12/2013	70	0.005	0.05	µg/L
Bis(2-Chloroethoxy) methane	10/10/2002	6/12/2013	77	0.1	5	µg/L
Bis(2-Chloroethyl) ether	10/10/2002	6/12/2013	65	0.1	1	µg/L
Bis(2-Chloroisopropyl) ether	10/10/2002	6/12/2013	71	0.67	2	µg/L
Carbofuran	10/17/2004	4/9/2008	13	5	5	µg/L
Chlordane	10/17/2004	6/12/2013	59	0.01	0.1	µg/L
Chloroaniline	10/17/2004	3/9/2005	6	1	1	µg/L
Chlorpyrifos	11/12/2001	6/12/2013	77	0.02	0.05	µg/L
Cyanazine	10/10/2002	6/12/2013	71	0.667	2	µg/L
delta-BHC	10/10/2002	6/12/2013	70	0.005	0.05	µg/L
Dibenz(a,j)acridine	10/17/2004	3/9/2005	6	0.3	0.3	µg/L
Dieldrin	10/10/2002	10/9/2013	90	0.002	0.1	µg/L
Dimethyl phthalate	10/10/2002	6/12/2013	71	0.5	2	µg/L
di-n-Octyl phthalate	10/10/2002	6/12/2013	64	1	10	µg/L
Diphenyl amine	10/17/2004	3/9/2005	6	1	1	µg/L
Diuron	10/17/2004	3/9/2005	6	1	1	µg/L
Endosulfan I	10/10/2002	6/12/2013	70	0.01	0.1	µg/L
Endosulfan II	10/10/2002	6/12/2013	70	0.004	0.1	µg/L

Ballona Creek Reach 2 – Constituents that have not been detected in water						
Constituent	**Date Range of Available Data**		**N**	**Detection Limit**		**Units**
				Min DL	**Max DL**	
Endosulfan sulfate	10/10/2002	6/12/2013	70	0.05	0.1	µg/L
Endrin	10/10/2002	6/12/2013	70	0.006	0.1	µg/L
Endrin aldehyde	10/10/2002	6/12/2013	70	0.01	0.1	µg/L
Endrin ketone	10/17/2004	7/30/2009	24	0.1	1	µg/L
Ethyl methanesulfonate	10/17/2004	3/9/2005	6	0.3	0.3	µg/L
Fluorene	10/10/2002	10/9/2013	91	0.02	0.1	µg/L
gamma-BHC (lindane)	10/10/2002	6/12/2013	70	0.004	0.05	µg/L
Glyphosate	10/10/2002	6/12/2013	71	5	25	µg/L
Heptachlor	10/10/2002	6/12/2013	70	0.003	0.05	µg/L
Heptachlor Epoxide	10/10/2002	6/12/2013	70	0.01	0.05	µg/L
Hexachlorobenzene	10/10/2002	6/12/2013	71	0.33	1	µg/L
Hexachlorobutadiene	10/10/2002	6/12/2013	71	0.33	1	µg/L
Hexachloro-cyclopentadiene	10/10/2002	6/12/2013	71	1.67	5	µg/L
Hexachloroethane	10/10/2002	6/12/2013	71	0.33	1	µg/L
Malathion	10/10/2002	6/12/2013	70	0.33	2	µg/L
Methoxychlor	10/17/2004	6/12/2013	54	0.5	0.5	µg/L
Methylcholanthrene	10/17/2004	3/9/2005	6	0.3	0.3	µg/L
Methylmethanesulfonate	10/17/2004	3/9/2005	6	0.3	0.3	µg/L
Molinate	10/17/2004	3/9/2005	6	2	2	µg/L
Naphthalene	10/10/2002	10/9/2013	91	0.05	0.2	µg/L
Nitrobenzene	10/10/2002	6/12/2013	71	0.05	1	µg/L
N-Nitroso-butyl amine	10/17/2004	3/9/2005	6	0.3	0.3	µg/L
N-Nitroso-di-n-propyl amine	10/10/2002	6/12/2013	71	0.3	5	µg/L
N-Nitrosopiperidine	10/17/2004	3/9/2005	6	1	1	µg/L
Nonachlor, cis-	10/6/2010	10/9/2013	20	0.001	0.005	µg/L
Oxychlordane	10/6/2010	10/9/2013	20	0.001	0.003	µg/L
Pentachlorophenol	10/10/2002	6/12/2013	71	0.67	2	µg/L
Phenacitin	10/17/2004	3/9/2005	6	3	3	µg/L
Phenols	10/10/2002	6/12/2013	70	0.33	1.5	µg/L
Pronamide	10/17/2004	3/9/2005	6	5	5	µg/L
Simazine	10/10/2002	6/12/2013	71	0.67	2	µg/L
Thiobencarb	11/12/2001	3/9/2005	6	1	1	µg/L
Toxaphene	10/10/2002	6/12/2013	70	0.24	1	µg/L

Centinela Creek – Constituents that have not been detected in water						
Constituent	Date Range of Available Data		N	Detection Limit		Units
				Min DL	Max DL	
1,2 Benzanthracene	10/17/2005	4/25/2006	7	0.1	0.1	µg/L
1,2,4,5-Tetrachlorobenzene	10/17/2004	3/17/2005	7	1	1	µg/L
1,2,4-Trichlorobenzene	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
1,2-Dichlorobenzene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
1,2-Diphenylhydrazine	10/17/2004	4/25/2006	14	3	3	µg/L
1,3-Dichlorobenzene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
1,4-Dichlorobenzene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
1-Chloronaphthalene	10/17/2004	3/17/2005	7	0.1	0.1	µg/L
1-Naphthylamine	10/17/2004	3/17/2005	7	3	3	µg/L
2- Chlorophenol	10/17/2005	4/25/2006	7	2	2	µg/L
2,3,4,6-Tetrachlorophenol	10/17/2004	3/17/2005	7	1	1	µg/L
2,4,5-TP	10/17/2004	4/25/2006	14	1	1	µg/L
2,4,5-Trichlophenol	10/17/2004	3/17/2005	7	1	1	µg/L
2,4,6-Trichlophenol	10/17/2004	4/25/2006	14	1	1	µg/L
2,4-D	10/17/2004	4/25/2006	14	10	10	µg/L
2,4'-DDD	10/6/2010	10/9/2013	16	0.003	0.004	µg/L
2,4'-DDT	10/6/2010	10/9/2013	16	0.002	0.005	µg/L
2,4-Dichlorophenol	10/17/2004	4/25/2006	14	2	2	µg/L
2,4-Dimethylphenol	10/17/2004	4/25/2006	14	2	2	µg/L
2,4-Dinitrophenol	10/17/2004	4/25/2006	14	3	3	µg/L
2,4-Dinitrotoluene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
2,6-Dichlorophenol	10/17/2004	3/17/2005	7	2	2	µg/L
2,6-Dinitrotoluene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
2-Chloroethyl Vinyl Ether	10/17/2005	4/25/2006	7	2.5	2.5	µg/L
2-Chloronaphthalene	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
2-Chlorophenol	10/17/2004	3/17/2005	7	2	2	µg/L
2-Methylphenol	10/17/2004	3/17/2005	7	3	3	µg/L
2-Naphthylamine	10/17/2004	3/17/2005	7	3	3	µg/L
2-Nitroaniline	10/17/2004	3/17/2005	7	3	3	µg/L
2-Nitrophenol	10/17/2004	4/25/2006	14	3	3	µg/L
2-Picoline	10/17/2004	3/17/2005	7	3	3	µg/L
3,3-Dichlorobenzidine	10/17/2004	4/25/2006	14	3	3	µg/L
3,4 Benzofluoranthene	10/17/2004	10/9/2013	30	0.1	2	µg/L
3-Nitroaniline	10/17/2004	3/17/2005	7	3	3	µg/L
4,4'-DDD	10/17/2004	10/9/2013	30	0.002	0.1	µg/L
4,6 Dinitro-2-methylphenol	10/17/2004	4/25/2006	14	3	3	µg/L
4-Bromophenyl phenyl ether	10/17/2004	4/25/2006	14	1	1	µg/L
4-chloro-3-methylphenol	10/17/2004	4/25/2006	14	3	3	µg/L
4-Chlorophenyl phenyl ether	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
4-Methylphenol	10/17/2004	3/17/2005	7	3	3	µg/L
4-Nitroaniline	10/17/2004	3/17/2005	7	3	3	µg/L

Centinela Creek – Constituents that have not been detected in water						
Constituent	**Date Range of Available Data**		**N**	**Detection Limit**		**Units**
				Min DL	**Max DL**	
4-Nitrophenol	10/17/2004	4/25/2006	14	3	3	µg/L
7,12-Dimethylbenz(a)anthracene	10/17/2004	3/17/2005	7	0.1	0.1	µg/L
Acenaphthene	10/17/2004	10/9/2013	30	0.05	0.13	µg/L
Acenaphthylene	10/17/2004	10/9/2013	30	0.05	0.13	µg/L
Acetophenone	10/17/2004	3/17/2005	7	0.3	0.3	µg/L
Aldrin	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
alpha,alpha-Dimethylphenethylamine	10/17/2004	3/17/2005	7	3	3	µg/L
alpha-BHC	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
alpha-chlordane	10/6/2010	10/9/2013	16	0.001	0.009	µg/L
Aminobiphenyl	10/17/2004	3/17/2005	7	3	3	µg/L
Aniline	10/17/2004	3/17/2005	7	3	3	µg/L
Anthracene	10/17/2004	10/9/2013	30	0.05	0.5	µg/L
Aroclor 1016	10/17/2004	10/9/2013	30	0.022	0.5	µg/L
Aroclor 1221	10/17/2004	10/9/2013	30	0.02	0.5	µg/L
Aroclor 1232	10/17/2004	10/9/2013	30	0.028	0.5	µg/L
Aroclor 1242	10/17/2004	10/9/2013	30	0.024	0.5	µg/L
Aroclor 1248	10/17/2004	10/9/2013	30	0.019	0.5	µg/L
Aroclor 1254	10/17/2004	10/9/2013	30	0.026	0.5	µg/L
Aroclor 1260	10/17/2004	10/9/2013	30	0.029	0.5	µg/L
Atrazine	10/17/2004	4/25/2006	14	2	2	µg/L
Bentazon	10/17/2004	3/17/2005	7	2	2	µg/L
Benzidine	10/17/2004	4/25/2006	14	3	3	µg/L
Benzo(a)pyrene	10/17/2004	10/9/2013	30	0.1	0.13	µg/L
Beryllium Dissolved	10/17/2004	4/25/2006	28	0.4	1	µg/L
beta-BHC	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Bis(2-Chloroethoxy) methane	10/17/2004	4/25/2006	21	0.1	0.1	µg/L
Bis(2-Chloroethyl) ether	10/17/2005	4/25/2006	7	0.1	0.1	µg/L
Bis(2-Chloroisopropyl) ether	10/17/2004	4/25/2006	14	1	1	µg/L
Butyl benzyl phthalate	10/17/2004	4/25/2006	14	0.3	0.3	µg/L
Carbofuran	10/17/2004	3/17/2005	7	5	5	µg/L
Chlordane	10/17/2004	4/25/2006	14	0.05	0.1	µg/L
Chloroaniline	10/17/2004	3/17/2005	7	1	1	µg/L
Chlorpyrifos	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Chromium (6+) Dissolved	10/17/2004	4/25/2006	14	10	10	µg/L
Chromium (6+) Total	10/17/2004	4/25/2006	14	10	10	µg/L
Cyanazine	10/17/2004	4/25/2006	14	2	2	µg/L
delta-BHC	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Dibenz(a,j)acridine	10/17/2004	3/17/2005	7	0.3	0.3	µg/L
Dieldrin	10/17/2004	10/9/2013	30	0.002	0.1	µg/L
Diethyl phthalate	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Dimethyl phthalate	10/17/2004	4/25/2006	14	0.5	0.5	µg/L

Centinela Creek – Constituents that have not been detected in water						
Constituent	Date Range of Available Data		N	Detection Limit		Units
				Min DL	Max DL	
di-n-Butyl phthalate	10/17/2004	4/25/2006	14	1	1	µg/L
di-n-Octyl phthalate	10/17/2004	4/25/2006	14	1	1	µg/L
Diphenyl amine	10/17/2004	3/17/2005	7	1	1	µg/L
Diuron	10/17/2004	3/17/2005	7	1	1	µg/L
Endosulfan I	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Endosulfan II	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Endosulfan sulfate	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Endrin	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Endrin aldehyde	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Endrin ketone	10/17/2004	3/17/2005	7	0.1	0.1	µg/L
Ethyl methanesulfonate	10/17/2004	3/17/2005	7	0.3	0.3	µg/L
Fluorene	10/17/2004	10/9/2013	30	0.02	0.1	µg/L
gamma-BHC (lindane)	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
gamma-chlordane	10/6/2010	10/9/2013	16	0.001	0.004	µg/L
Glyphosate	10/17/2004	4/25/2006	14	25	25	µg/L
Heptachlor	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Heptachlor Epoxide	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Hexachlorobenzene	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Hexachlorobutadiene	10/17/2004	4/25/2006	14	1	1	µg/L
Hexachloro-cyclopentadiene	10/17/2004	4/25/2006	14	3	3	µg/L
Hexachloroethane	10/17/2004	4/25/2006	14	1	1	µg/L
Manganese Dissolved	10/17/2004	3/17/2005	7	30	30	µg/L
Methoxychlor	10/17/2004	3/17/2005	7	0.5	0.5	µg/L
Methylcholanthrene	10/17/2004	3/17/2005	7	0.3	0.3	µg/L
Methylmethanesulfonate	10/17/2004	3/17/2005	7	0.3	0.3	µg/L
Molinate	10/17/2004	3/17/2005	7	2	2	µg/L
MTBE	10/17/2005	4/25/2006	7	1	1	µg/L
Nitrobenzene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
N-Nitroso-butyl amine	10/17/2004	3/17/2005	7	0.3	0.3	µg/L
N-Nitroso-dimethyl amine	10/17/2004	4/25/2006	14	0.3	0.3	µg/L
N-Nitroso-di-n-propyl amine	10/17/2004	4/25/2006	14	0.3	0.3	µg/L
N-Nitrosodiphenylamine	10/17/2004	4/25/2006	14	0.3	0.3	µg/L
N-Nitrosopiperidine	10/17/2004	3/17/2005	7	1	1	µg/L
Nonachlor, cis-	10/6/2010	10/9/2013	16	0.001	0.005	µg/L
Nonachlor, trans-	10/6/2010	10/9/2013	16	0.002	0.005	µg/L
Oxychlordane	10/6/2010	10/9/2013	16	0.001	0.003	µg/L
Pentachlorophenol	10/17/2004	4/25/2006	14	2	2	µg/L
Phenacitin	10/17/2004	3/17/2005	7	3	3	µg/L
Phenols	10/17/2004	4/25/2006	14	1	1	µg/L
Prometryn	10/17/2004	4/25/2006	14	2	2	µg/L
Pronamide	10/17/2004	3/17/2005	7	5	5	µg/L

Centinela Creek – Constituents that have not been detected in water						
Constituent	Date Range of Available Data		N	Detection Limit		Units
				Min DL	Max DL	
Simazine	10/17/2004	4/25/2006	14	2	2	µg/L
Thallium Dissolved	10/17/2004	4/25/2006	14	5	5	µg/L
Thallium Total	10/17/2004	4/25/2006	14	5	5	µg/L
Thiobencarb	10/17/2004	3/17/2005	7	1	1	µg/L
Thorium Total	1/25/2005	2/21/2006	14	1	1	µg/L
Toxaphene	10/17/2004	4/25/2006	14	1	1	µg/L

Sepulveda Channel – Constituents that have not been detected in water						
Constituent	Date Range of Available Data		N	Detection Limit		Units
				Min DL	Max DL	
1,2 Benzanthracene	10/17/2005	4/25/2006	7	0.1	0.1	µg/L
1,2,4,5-Tetrachlorobenzene	10/17/2004	3/17/2005	7	1	1	µg/L
1,2,4-Trichlorobenzene	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
1,2-Dichlorobenzene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
1,2-Diphenylhydrazine	10/17/2004	4/25/2006	14	3	3	µg/L
1,3-Dichlorobenzene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
1,4-Dichlorobenzene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
1-Chloronaphthalene	10/17/2004	3/17/2005	7	0.1	0.1	µg/L
1-Naphthylamine	10/17/2004	3/17/2005	7	3	3	µg/L
2- Chlorophenol	10/17/2005	4/25/2006	7	2	2	µg/L
2,3,4,6-Tetrachlorophenol	10/17/2004	3/17/2005	7	1	1	µg/L
2,4,5-TP	10/17/2004	4/25/2006	14	1	1	µg/L
2,4,5-trichlophenol	10/17/2004	3/17/2005	7	1	1	µg/L
2,4,6-trichlophenol	10/17/2004	4/25/2006	14	1	1	µg/L
2,4-D	10/17/2004	4/25/2006	14	10	10	µg/L
2,4-Dichlorophenol	10/17/2004	4/25/2006	14	2	2	µg/L
2,4-dimethylphenol	10/17/2004	4/25/2006	14	2	2	µg/L
2,4-Dinitrophenol	10/17/2004	4/25/2006	14	3	3	µg/L
2,4-Dinitrotoluene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
2,6-Dichlorophenol	10/17/2004	3/17/2005	7	2	2	µg/L
2,6-Dinitrotoluene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
2-Chloroethyl Vinyl Ether	10/17/2005	4/25/2006	7	2.5	2.5	µg/L
2-Chloronaphthalene	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
2-Chlorophenol	10/17/2004	3/17/2005	7	2	2	µg/L
2-Methylphenol	10/17/2004	3/17/2005	7	3	3	µg/L
2-Naphthylamine	10/17/2004	3/17/2005	7	3	3	µg/L
2-Nitroaniline	10/17/2004	3/17/2005	7	3	3	µg/L
2-Nitrophenol	10/17/2004	4/25/2006	14	3	3	µg/L
2-Picoline	10/17/2004	3/17/2005	7	3	3	µg/L
3,3-Dichlorobenzidine	10/17/2004	4/25/2006	14	3	3	µg/L
3,4 Benzofluoranthene	10/17/2004	4/25/2006	14	0.1	2	µg/L
3-Nitroaniline	10/17/2004	3/17/2005	7	3	3	µg/L
4,4'-DDD	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
4,4'-DDE	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
4,4'-DDT	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
4,6 Dinitro-2-methylphenol	10/17/2004	4/25/2006	14	3	3	µg/L
4-Bromophenyl phenyl ether	10/17/2004	4/25/2006	14	1	1	µg/L
4-chloro-3-methylphenol	10/17/2004	4/25/2006	14	3	3	µg/L
4-Chlorophenyl phenyl ether	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
4-Methylphenol	10/17/2004	3/17/2005	7	3	3	µg/L
4-Nitroaniline	10/17/2004	3/17/2005	7	3	3	µg/L

Sepulveda Channel – Constituents that have not been detected in water						
Constituent	**Date Range of Available Data**		**N**	**Detection Limit**		**Units**
				Min DL	**Max DL**	
4-Nitrophenol	10/17/2004	4/25/2006	14	3	3	µg/L
7,12-Dimethylbenz(a)anthracene	10/17/2004	3/17/2005	7	0.1	0.1	µg/L
Acenaphthene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Acenaphthylene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Acetophenone	10/17/2004	3/17/2005	7	0.3	0.3	µg/L
Aldrin	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
alpha,alpha-Dimethylphenethylamine	10/17/2004	3/17/2005	7	3	3	µg/L
alpha-BHC	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Aminobiphenyl	10/17/2004	3/17/2005	7	3	3	µg/L
Aniline	10/17/2004	3/17/2005	7	3	3	µg/L
Anthracene	10/17/2004	4/25/2006	14	0.05	0.5	µg/L
Aroclor 1016	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Aroclor 1221	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Aroclor 1232	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Aroclor 1242	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Aroclor 1248	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Aroclor 1254	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Aroclor 1260	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Atrazine	10/17/2004	4/25/2006	14	2	2	µg/L
Bentazon	10/17/2004	3/17/2005	7	2	2	µg/L
Benzidine	10/17/2004	4/25/2006	14	3	3	µg/L
Benzo(a)anthracene	10/17/2004	3/17/2005	7	0.1	0.1	µg/L
Benzo(a)pyrene	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Benzo(g,h,i)perylene	10/17/2005	4/25/2006	7	1	1	µg/L
Benzo(k)fluoranthene	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Beryllium Dissolved	10/17/2004	4/25/2006	28	0.4	1	µg/L
Beryllium Total	10/17/2004	4/25/2006	28	0.4	1	µg/L
beta-BHC	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Bis(2-Chloroethoxy) methane	10/17/2004	4/25/2006	21	0.1	0.1	µg/L
Bis(2-Chloroethyl) ether	10/17/2005	4/25/2006	7	0.1	0.1	µg/L
Bis(2-Chloroisopropyl) ether	10/17/2004	4/25/2006	14	1	1	µg/L
Butyl benzyl phthalate	10/17/2004	4/25/2006	14	0.3	0.3	µg/L
Carbofuran	10/17/2004	3/17/2005	7	5	5	µg/L
Chlordane	10/17/2004	4/25/2006	14	0.05	0.1	µg/L
Chloroaniline	10/17/2004	3/17/2005	7	1	1	µg/L
Chromium (6+) Dissolved	10/17/2004	4/25/2006	14	10	10	µg/L
Chromium (6+) Total	10/17/2004	4/25/2006	14	10	10	µg/L
Chrysene	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Cyanazine	10/17/2004	4/25/2006	14	2	2	µg/L
delta-BHC	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Dibenz(a,j)acridine	10/17/2004	3/17/2005	7	0.3	0.3	µg/L

Sepulveda Channel – Constituents that have not been detected in water						
Constituent	Date Range of Available Data		N	Detection Limit		Units
				Min DL	Max DL	
Dibenzo(a,h)anthracene	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Dieldrin	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Diethyl phthalate	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Dimethyl phthalate	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
di-n-Butyl phthalate	10/17/2004	4/25/2006	14	1	1	µg/L
di-n-Octyl phthalate	10/17/2004	4/25/2006	14	1	1	µg/L
Diphenyl amine	10/17/2004	3/17/2005	7	1	1	µg/L
Diuron	10/17/2004	3/17/2005	7	1	1	µg/L
Endosulfan I	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Endosulfan II	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Endosulfan sulfate	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Endrin	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Endrin aldehyde	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Endrin ketone	10/17/2004	3/17/2005	7	0.1	0.1	µg/L
Ethyl methanesulfonate	10/17/2004	3/17/2005	7	0.3	0.3	µg/L
Fluoranthene	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Fluorene	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
gamma-BHC (lindane)	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Glyphosate	10/17/2004	4/25/2006	14	25	25	µg/L
Heptachlor	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Heptachlor Epoxide	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Hexachlorobenzene	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Hexachlorobutadiene	10/17/2004	4/25/2006	14	1	1	µg/L
Hexachloro-cyclopentadiene	10/17/2004	4/25/2006	14	3	3	µg/L
Hexachloroethane	10/17/2004	4/25/2006	14	1	1	µg/L
Indeno(1,2,3-cd)pyrene	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Isophorone	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Malathion	10/17/2004	4/25/2006	14	2	2	µg/L
Methoxychlor	10/17/2004	3/17/2005	7	0.5	0.5	µg/L
Methylcholanthrene	10/17/2004	3/17/2005	7	0.3	0.3	µg/L
Methylmethanesulfonate	10/17/2004	3/17/2005	7	0.3	0.3	µg/L
Molinate	10/17/2004	3/17/2005	7	2	2	µg/L
MTBE	10/17/2005	4/25/2006	7	1	1	µg/L
Naphthalene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Nitrobenzene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
N-Nitroso-butyl amine	10/17/2004	3/17/2005	7	0.3	0.3	µg/L
N-Nitroso-dimethyl amine	10/17/2004	4/25/2006	14	0.3	0.3	µg/L
N-Nitroso-di-n-propyl amine	10/17/2004	4/25/2006	14	0.3	0.3	µg/L
N-Nitrosodiphenylamine	10/17/2004	4/25/2006	14	0.3	0.3	µg/L
N-Nitrosopiperidine	10/17/2004	3/17/2005	7	1	1	µg/L
Pentachlorophenol	10/17/2004	4/25/2006	14	2	2	µg/L

Sepulveda Channel – Constituents that have not been detected in water						
Constituent	**Date Range of Available Data**		**N**	**Detection Limit**		**Units**
				Min DL	**Max DL**	
Phenacitin	10/17/2004	3/17/2005	7	3	3	µg/L
Phenanthrene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Phenols	10/17/2004	4/25/2006	14	1	1	µg/L
Prometryn	10/17/2004	4/25/2006	14	2	2	µg/L
Pronamide	10/17/2004	3/17/2005	7	5	5	µg/L
Simazine	10/17/2004	4/25/2006	14	2	2	µg/L
Thallium Dissolved	10/17/2004	4/25/2006	14	5	5	µg/L
Thallium Total	10/17/2004	4/25/2006	14	5	5	µg/L
Thiobencarb	10/17/2004	3/17/2005	7	1	1	µg/L
Toxaphene	10/17/2004	4/25/2006	14	1	1	µg/L
TPH	10/17/2004	3/17/2005	7	1	1	mg/L

Benedict Canyon Channel – Constituents that have not been detected in water						
Constituent	Date Range of Available Data		N	Detection Limit		Units
				Min DL	Max DL	
1-Chloronaphthalene	10/17/2004	3/17/2005	7	0.1	0.1	µg/L
1,2 Benzanthracene	11/9/2005	4/25/2006	7	0.1	0.1	µg/L
1,2,4,5-Tetrachlorobenzene	10/17/2004	3/17/2005	7	1	1	µg/L
1,2,4-Trichlorobenzene	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
1,2-Dichlorobenzene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
1,2-Diphenylhydrazine	10/17/2004	4/25/2006	14	3	3	µg/L
1,3-Dichlorobenzene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
1,4-Dichlorobenzene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
1-Naphthylamine	10/17/2004	3/17/2005	7	3	3	µg/L
2- Chlorophenol	11/9/2005	4/25/2006	7	2	2	µg/L
2,3,4,6-Tetrachlorophenol	10/17/2004	3/17/2005	7	1	1	µg/L
2,4,5-TP	10/17/2004	4/25/2006	13	1	1	µg/L
2,4,5-trichlophenol	10/17/2004	3/17/2005	7	1	1	µg/L
2,4,6-trichlophenol	10/17/2004	4/25/2006	14	1	1	µg/L
2,4-D	10/17/2004	4/25/2006	13	10	10	µg/L
2,4-Dichlorophenol	10/17/2004	4/25/2006	14	2	2	µg/L
2,4-dimethylphenol	10/17/2004	4/25/2006	14	2	2	µg/L
2,4-Dinitrophenol	10/17/2004	4/25/2006	14	3	3	µg/L
2,4-Dinitrotoluene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
2,6-Dichlorophenol	10/17/2004	3/17/2005	7	2	2	µg/L
2,6-Dinitrotoluene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
2-Chloroethyl Vinyl Ether	10/17/2005	4/25/2006	8	2.5	2.5	µg/L
2-Chloronaphthalene	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
2-Chlorophenol	10/17/2004	3/17/2005	7	2	2	µg/L
2-Methylphenol	10/17/2004	3/17/2005	7	3	3	µg/L
2-Naphthylamine	10/17/2004	3/17/2005	7	3	3	µg/L
2-Nitroaniline	10/17/2004	3/17/2005	7	3	3	µg/L
2-Nitrophenol	10/17/2004	4/25/2006	14	3	3	µg/L
2-Picoline	10/17/2004	3/17/2005	7	3	3	µg/L
3,3-Dichlorobenzidine	10/17/2004	4/25/2006	14	3	3	µg/L
3,4 Benzofluoranthene	10/17/2004	4/25/2006	14	0.1	2	µg/L
3-Nitroaniline	10/17/2004	3/17/2005	7	3	3	µg/L
4,4'-DDD	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
4,4'-DDE	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
4,4'-DDT	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
4,6 Dinitro-2-methylphenol	10/17/2004	4/25/2006	14	3	3	µg/L
4-Bromophenyl phenyl ether	10/17/2004	4/25/2006	14	1	1	µg/L
4-chloro-3-methylphenol	10/17/2004	4/25/2006	14	3	3	µg/L
4-Chlorophenyl phenyl ether	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
4-Methylphenol	10/17/2004	3/17/2005	7	3	3	µg/L
4-Nitroaniline	10/17/2004	3/17/2005	7	3	3	µg/L

Benedict Canyon Channel – Constituents that have not been detected in water						
Constituent	Date Range of Available Data		N	Detection Limit		Units
				Min DL	Max DL	
4-Nitrophenol	10/17/2004	4/25/2006	14	3	3	µg/L
7,12-Dimethylbenz(a)anthracene	10/17/2004	3/17/2005	7	0.1	0.1	µg/L
Acenaphthene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Acenaphthylene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Acetophenone	10/17/2004	3/17/2005	7	0.3	0.3	µg/L
Aldrin	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
alpha,alpha-Dimethylphenethylamine	10/17/2004	3/17/2005	7	3	3	µg/L
alpha-BHC	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Aluminum Dissolved	10/17/2004	4/25/2006	14	100	100	µg/L
Aminobiphenyl	10/17/2004	3/17/2005	7	3	3	µg/L
Aniline	10/17/2004	3/17/2005	7	3	3	µg/L
Anthracene	10/17/2004	4/25/2006	14	0.05	0.5	µg/L
Aroclor 1016	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Aroclor 1221	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Aroclor 1232	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Aroclor 1242	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Aroclor 1248	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Aroclor 1254	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Aroclor 1260	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Atrazine	10/17/2004	4/25/2006	14	2	2	µg/L
Bentazon	10/17/2004	3/17/2005	7	2	2	µg/L
Benzidine	10/17/2004	4/25/2006	14	3	3	µg/L
Benzo(a)anthracene	10/17/2004	3/17/2005	7	0.1	0.1	µg/L
Benzo(a)pyrene	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Benzo(g,h,i)perylene	11/9/2005	4/25/2006	7	1	1	µg/L
Benzo(k)fluoranthene	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Beryllium Dissolved	10/17/2004	4/25/2006	28	0.4	1	µg/L
Beryllium Total	10/17/2004	4/25/2006	28	0.4	1	µg/L
beta-BHC	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Bis(2-Chloroethoxy) methane	10/17/2004	4/25/2006	21	0.1	0.1	µg/L
Bis(2-Chloroethyl) ether	11/9/2005	4/25/2006	7	0.1	0.1	µg/L
Bis(2-Chloroisopropyl) ether	10/17/2004	4/25/2006	14	1	1	µg/L
Butyl benzyl phthalate	10/17/2004	4/25/2006	14	0.3	0.3	µg/L
Carbofuran	10/17/2004	3/17/2005	7	5	5	µg/L
Carbonate	10/17/2004	3/17/2005	7	2000	2000	µg/L
Chlordane	10/17/2004	4/25/2006	14	0.05	0.1	µg/L
Chloroaniline	10/17/2004	3/17/2005	7	1	1	µg/L
Chlorpyrifos	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Chromium (6+) Dissolved	10/17/2004	4/25/2006	14	10	10	µg/L
Chromium (6+) Total	10/17/2004	4/25/2006	14	10	10	µg/L
Chrysene	10/17/2004	4/25/2006	14	0.1	0.1	µg/L

Benedict Canyon Channel – Constituents that have not been detected in water						
Constituent	Date Range of Available Data		N	Detection Limit		Units
				Min DL	Max DL	
Cyanazine	10/17/2004	4/25/2006	14	2	2	µg/L
delta-BHC	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Dibenz(a,j)acridine	10/17/2004	3/17/2005	7	0.3	0.3	µg/L
Dibenzo(a,h)anthracene	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Dieldrin	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Diethyl phthalate	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Dimethyl phthalate	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
di-n-Butyl phthalate	10/17/2004	4/25/2006	14	1	1	µg/L
di-n-Octyl phthalate	10/17/2004	4/25/2006	14	1	1	µg/L
Diphenyl amine	10/17/2004	3/17/2005	7	1	1	µg/L
Diuron	10/17/2004	3/17/2005	7	1	1	µg/L
Endosulfan I	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Endosulfan II	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Endosulfan sulfate	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Endrin	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Endrin aldehyde	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Endrin ketone	10/17/2004	3/17/2005	7	0.1	0.1	µg/L
Ethyl methanesulfonate	10/17/2004	3/17/2005	7	0.3	0.3	µg/L
Fluoranthene	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Fluorene	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
gamma-BHC (lindane)	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Glyphosate	10/17/2004	4/25/2006	14	25	25	µg/L
Heptachlor	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Heptachlor Epoxide	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Hexachlorobenzene	10/17/2004	4/25/2006	14	0.5	0.5	µg/L
Hexachlorobutadiene	10/17/2004	4/25/2006	14	1	1	µg/L
Hexachloro-cyclopentadiene	10/17/2004	4/25/2006	14	3	3	µg/L
Hexachloroethane	10/17/2004	4/25/2006	14	1	1	µg/L
Indeno(1,2,3-cd)pyrene	10/17/2004	4/25/2006	14	0.1	0.1	µg/L
Isophorone	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Malathion	10/17/2004	4/25/2006	14	2	2	µg/L
Methoxychlor	10/17/2004	3/17/2005	7	0.5	0.5	µg/L
Methylcholanthrene	10/17/2004	3/17/2005	7	0.3	0.3	µg/L
Methylmethanesulfonate	10/17/2004	3/17/2005	7	0.3	0.3	µg/L
Molinate	10/17/2004	3/17/2005	7	2	2	µg/L
MTBE	10/17/2005	4/25/2006	8	1	1	µg/L
Naphthalene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Nitrobenzene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
N-Nitroso-butyl amine	10/17/2004	3/17/2005	7	0.3	0.3	µg/L
N-Nitroso-dimethyl amine	10/17/2004	4/25/2006	14	0.3	0.3	µg/L
N-Nitroso-di-n-propyl amine	10/17/2004	4/25/2006	14	0.3	0.3	µg/L

Benedict Canyon Channel – Constituents that have not been detected in water						
Constituent	**Date Range of Available Data**		**N**	**Detection Limit**		**Units**
				Min DL	**Max DL**	
N-Nitrosodiphenylamine	10/17/2004	4/25/2006	14	0.3	0.3	µg/L
N-Nitrosopiperidine	10/17/2004	3/17/2005	7	1	1	µg/L
Pentachlorophenol	10/17/2004	4/25/2006	14	2	2	µg/L
Phenacitin	10/17/2004	3/17/2005	7	3	3	µg/L
Phenols	10/17/2004	4/25/2006	14	1	1	µg/L
Prometryn	10/17/2004	4/25/2006	14	2	2	µg/L
Pronamide	10/17/2004	3/17/2005	7	5	5	µg/L
Pyrene	10/17/2004	4/25/2006	14	0.05	0.05	µg/L
Simazine	10/17/2004	4/25/2006	14	2	2	µg/L
Thallium Dissolved	10/17/2004	4/25/2006	14	5	5	µg/L
Thallium Total	10/17/2004	4/25/2006	14	5	5	µg/L
Thiobencarb	10/17/2004	3/17/2005	7	1	1	µg/L
Toxaphene	10/17/2004	4/25/2006	14	1	1	µg/L
TPH	10/17/2004	3/17/2005	7	1	1	mg/L

Appendix 3.B Attachment 2
List of Constituents that have been Detected in Water and do not Exceed Water Quality Objectives

Constituents in this appendix either did not exceed a water quality objective or there is no applicable water quality objective for the constituent.

Ballona Creek Estuary - Constituents that have been detected but do not exceed relevant water quality objective									
Constituent	**Range of Available Data**		**N**	**N detects**	**Units**	**Detection Limits**		**WQO**	**Source of Lowest Water Quality Objective (WQO) Value**
						Min	**Max**		
Antimony Dissolved	4/26/2001	2/21/2006	57	6	µg/L	1.1	18	NA	NA
Antimony Total	4/26/2001	2/21/2006	58	10	µg/L	1.1	18	4300	CTR HH Organism
Arsenic Dissolved	4/26/2001	8/19/2008	86	81	µg/L	1	10	36	CTR Saltwater Chronic
Arsenic Total	4/26/2001	8/19/2008	86	81	µg/L	1	10	36	CTR Saltwater Chronic
Barium Dissolved	4/26/2001	8/19/2008	87	83	µg/L	5	0.4	NA	NA
Barium Total	4/26/2001	8/19/2008	87	84	µg/L	2	0.4	NA	NA
Benzo(g,h,i)perylene	2/5/2009	5/17/2010	16	2	µg/L	0.03	0.03	NA	NA
Beryllium Dissolved	4/26/2001	2/21/2006	58	10	µg/L	0.006	1	NA	NA
Beryllium Total	4/26/2001	2/21/2006	58	10	µg/L	0.006	1	NA	NA
Cadmium Dissolved	4/26/2001	5/17/2010	102	59	µg/L	0.08	1	9.3	CTR Saltwater Chronic
Cadmium Total	4/26/2001	5/17/2010	16	15	µg/L	0.08	1	9.4	CTR Saltwater Chronic
Chromium Dissolved	4/26/2001	8/19/2008	86	40	µg/L	0.1	10	NA	NA
Chromium Total	4/26/2001	8/19/2008	86	55	µg/L	0.1	10	NA	NA
Cobalt Dissolved	4/26/2001	2/21/2006	56	26	µg/L	0.2	20	NA	NA
Cobalt Total	4/26/2001	2/21/2006	56	33	µg/L	0.2	20	NA	NA
E. coli	4/3/2001	8/29/2013	900	692	MPN/100ml	67	1000	NA	NA
Hardness	1/27/2004	5/17/2010	70	70	mg/L	AD	AD	NA	NA
Mercury Dissolved	4/26/2001	2/21/2006	58	23	µg/L	0.02	0.3	NA	NA
Phenanthrene	2/5/2009	5/17/2010	16	1	µg/L	0.01	0.01	NA	NA
Selenium Dissolved	5/31/2001	8/19/2008	83	67	µg/L	0.1	30	71	CTR Saltwater Chronic
Selenium Total	5/31/2001	8/19/2008	83	71	µg/L	0.1	30	71.1	CTR Saltwater Chronic
Thorium Dissolved	4/26/2001	2/21/2006	57	14	µg/L	25	0.5	NA	NA
Thorium Total	4/26/2001	2/21/2006	58	15	µg/L	0.5	25	NA	NA

NA - No Available adopted water quality objective

AD - All values reported detected, no detection limit provided

Ballona Creek Reach 2 - Constituents that have been detected but do not exceed relevant water quality objective									
Constituent	Date Range of Available Data		N	N detects	Units	Detection Limits		WQO	Source of Lowest Water Quality Objective (WQO) Value
						Min	Max		
2,4,6-trichlophenol	10/10/2002	6/12/2013	33	1	µg/L	0.4	3.33	6.5	CTR HH Organism
Alkalinity	10/12/2000	6/12/2013	92	89	mg/L	2	2	NA	NA
Alkalinity as Bicarbonate	9/21/2010	11/20/2011	10	8	mg/L	2	2	NA	NA
Aluminum Dissolved	10/12/2000	6/12/2013	88	28	µg/L	50	1000	NA	NA
Aluminum Total	10/12/2000	6/12/2013	90	70	µg/L	50	1000	NA	NA
Antimony Dissolved	10/12/2000	6/12/2013	207	97	µg/L	0.2	18	NA	NA
Antimony Total	10/12/2000	6/12/2013	208	107	µg/L	0.2	18	4300	CTR HH Organism
Arsenic Dissolved	10/12/2000	6/12/2013	276	243	µg/L	0.2	10	150	CTR Freshwater Chronic
Arsenic Total	10/12/2000	6/12/2013	276	252	µg/L	0.2	10	150	CTR Freshwater Chronic
Barium Dissolved	10/12/2000	6/12/2013	265	257	µg/L	1	1	NA	NA
Barium Total	10/12/2000	6/12/2013	265	259	µg/L	1	1	NA	NA
Benzo(g,h,i)perylene	10/17/2005	10/9/2013	74	8	µg/L	0.03	1.67	NA	NA
Beryllium Dissolved	10/12/2000	6/12/2013	203	13	µg/L	0.006	1	NA	NA
Beryllium Total	10/12/2000	6/12/2013	205	18	µg/L	0.006	1	NA	NA
Bicarbonate	10/12/2000	12/5/2004	20	20	µg/L	AD	AD	NA	NA
BOD	10/12/2000	6/12/2013	93	88	mg/L	2	1	NA	NA
Boron Dissolved	10/12/2000	3/9/2005	22	16	mg/L	0.1	0.1	NA	NA
Boron Total	10/12/2000	3/9/2005	22	18	mg/L	0.1	0.1	NA	NA
Butyl benzyl phthalate	10/10/2002	6/12/2013	71	1	µg/L	0.1	3.33	5200	CTR HH Organism
Cadmium Dissolved	10/12/2000	6/12/2013	274	208	µg/L	0.5	10	HBC	CTR Freshwater Acute/Chronic
Calcium	10/12/2000	3/9/2005	22	22	µg/L	AD	AD	NA	NA
Carbonate	10/12/2000	3/9/2005	22	1	µg/L	2000	2000	NA	NA
Chloride Total	10/12/2000	6/12/2013	92	89	mg/L	1	1	NA	NA
Chromium Dissolved	10/12/2000	6/12/2013	274	208	µg/L	0.5	10	HBC	CTR Freshwater Acute/Chronic
Chromium Total	10/12/2000	6/12/2013	274	235	µg/L	0.5	10	HBC	CTR Freshwater Acute/Chronic
Chromium (6+) Dissolved	10/12/2000	6/12/2013	107	27	µg/L	0.25	10	11	CTR Freshwater Chronic
Chromium (6+) Total	10/10/2002	6/12/2013	77	34	µg/L	0.25	10	11.434	CTR Freshwater Chronic
Cobalt Dissolved	4/26/2001	2/21/2006	112	36	µg/L	0.2	20	NA	NA
Cobalt Total	4/26/2001	2/21/2006	112	51	µg/L	0.2	20	NA	NA
COD	10/12/2000	6/12/2013	92	87	mg/L	10	10	NA	NA
Dibenzo(a,h)anthracene	10/10/2002	10/9/2013	91	3	µg/L	0.02	0.1	0.049	CTR HH Organism
Diethyl phthalate	10/10/2002	6/12/2013	71	3	µg/L	0.5	2	120000	CTR HH Organism
di-n-Butyl phthalate	10/10/2002	6/12/2013	64	1	µg/L	1	10	12000	CTR HH Organism
Enterococcus	10/12/2000	4/9/2013	641	591	MPN/100ml	10	100	NA	NA
Fecal Coliform	10/12/2000	4/9/2013	425	420	MPN/100ml	20	20	NA	NA
Fluoranthene	10/10/2002	10/9/2013	91	17	µg/L	0.017	0.1	370	CTR HH Organism
Fluoride	10/12/2000	6/12/2013	91	83	mg/L	0.1	0.1	NA	NA
Hardness	10/12/2000	10/9/2013	347	347	mg/L	AD	AD	NA	NA

Ballona Creek Reach 2 - Constituents that have been detected but do not exceed relevant water quality objective									
Constituent	Date Range of Available Data		N	N detects	Units	Detection Limits		WQO	Source of Lowest Water Quality Objective (WQO) Value
						Min	Max		
Iron Dissolved	10/12/2000	6/12/2013	92	54	µg/L	50	100	NA	NA
Iron Total	10/12/2000	6/12/2013	92	84	µg/L	50	100	NA	NA
Isophorone	10/10/2002	6/12/2013	71	1	µg/L	0.05	1	600	CTR HH Organism
Kjeldahl-N	10/12/2000	6/12/2013	91	90	mg/L	0.1	0.1	NA	NA
Magnesium Total	10/12/2000	3/9/2005	22	22	µg/L	AD	AD	NA	NA
Manganese Dissolved	10/12/2000	3/9/2005	22	3	µg/L	30	100	NA	NA
Manganese Total	10/12/2000	3/9/2005	22	8	µg/L	30	100	NA	NA
MBAS	10/12/2000	6/12/2013	92	75	µg/L	10	50	NA	NA
Mercury Dissolved	10/12/2000	6/12/2013	203	30	µg/L	0.02	1	NA	NA
MTBE	10/17/2005	4/9/2013	54	1	µg/L	0.33	1	NA	NA
Nickel Dissolved	10/12/2000	6/12/2013	273	221	µg/L	0.5	20	HBC	CTR Freshwater Acute/Chronic
Nickel Total	10/12/2000	6/12/2013	274	234	µg/L	0.5	20	HBC	CTR Freshwater Acute/Chronic
Nitrate	10/12/2000	6/12/2013	92	87	mg/L	0.1	0.1	NA	NA
Nitrate-N	10/12/2000	6/12/2013	92	85	mg/L	0.03	0.5	NA	NA
Nitrite-N	10/12/2000	6/12/2013	87	47	mg/L	0.01	0.1	NA	NA
N-Nitroso-dimethyl amine	10/10/2002	6/12/2013	73	1	µg/L	0.3	5	8.1	CTR HH Organism
N-Nitrosodiphenylamine	10/10/2002	6/12/2013	73	1	µg/L	0.3	1	16	CTR HH Organism
Nonachlor, trans-	10/6/2010	10/9/2013	20	1	µg/L	0.002	0.005	NA	NA
Oil and Grease	10/12/2000	4/9/2013	82	49	mg/L	1.44	0.4	NA	NA
Petroleum Hydrocarbons Total	10/17/2005	4/9/2013	54	18	mg/L	1.5	0.4	NA	NA
Phenanthrene	10/10/2002	10/9/2013	91	10	µg/L	0.01	0.05	NA	NA
Phenolics Total	11/1/2006	4/9/2013	48	6	mg/L	0.03	0.1	4600000	CTR HH Organism
Phosphorus Total	10/12/2000	4/25/2006	39	38	mg/L	0.05	0.05	NA	NA
Phosphorus- Total (as P)	10/31/2006	6/12/2013	53	48	mg/L	0.05	0.05	NA	NA
Phosphorus-Dissolved	10/12/2000	6/12/2013	92	82	mg/L	0.05	0.05	NA	NA
Potassium	10/12/2000	3/9/2005	22	22	µg/L	AD	AD	NA	NA
Prometryn	10/10/2002	6/12/2013	71	2	µg/L	0.67	2	NA	NA
Pyrene	10/10/2002	10/9/2013	91	12	µg/L	0.017	0.05	11000	CTR HH Organism
Selenium Dissolved	10/12/2000	6/12/2013	268	203	µg/L	0.2	30	NA	NA
Sodium	10/12/2000	3/9/2005	22	22	µg/L	AD	AD	NA	NA
Specific Conductance	10/12/2000	6/12/2013	92	92	µmhos/cm	AD	AD	NA	NA
Streptococcus Fecal	10/12/2000	4/9/2013	82	80	MPN/100ml	20	20	NA	NA
Sulphate	10/12/2000	6/12/2013	92	90	mg/L	0.1	0.1	NA	NA
Thallium Dissolved	10/12/2000	6/12/2013	87	4	µg/L	0.1	5	NA	NA
Thallium Total	10/12/2000	6/12/2013	88	6	µg/L	0.1	5	6.3	CTR HH Organism
Thorium Dissolved	4/26/2001	2/21/2006	116	20	µg/L	25	0.5	NA	NA
Thorium Total	4/26/2001	2/21/2006	116	20	µg/L	0.5	25	NA	NA
Total Coliform	10/12/2000	4/9/2013	641	637	MPN/100ml	1000	20	NA	NA

Ballona Creek Reach 2 - Constituents that have been detected but do not exceed relevant water quality objective									
Constituent	**Date Range of Available Data**		**N**	**N detects**	**Units**	**Detection Limits**		**WQO**	**Source of Lowest Water Quality Objective (WQO) Value**
						Min	**Max**		
Total Dissolved Solids	10/12/2000	10/9/2013	96	94	mg/L	1	1	NA	NA
Total Organic Carbon	10/12/2000	6/12/2013	92	89	mg/L	0.5	0.4	NA	NA
Total Phenols	10/12/2000	4/25/2006	34	1	µg/L	100	100	4600000	CTR HH Organism
Total Settleable Solids	1/24/2013	11/21/2013	4	4	ml/l	AD	AD	NA	NA
Total Suspended Solids	10/12/2000	10/9/2013	140	137	mg/L	1	1	NA	NA
TPH	10/12/2000	3/9/2005	28	17	mg/L	1	1	NA	NA
Turbidity	10/12/2000	6/12/2013	93	93	NTU	AD	AD	NA	NA
Vanadium Dissolved	4/26/2001	5/31/2001	4	2	µg/L	5	5	NA	NA
Vanadium Total	4/26/2001	5/31/2001	4	2	µg/L	5	5	NA	NA
Volatile Suspended Solids	10/12/2000	6/12/2013	93	91	mg/L	1	1	NA	NA
NA - No Available adopted water quality objective									
HBC - Hardness Based Criteria, as defined by CTR AD - All values reported detected, no detection limit provided									

Ballona Creek Reach 1 - Constituents that have been detected but do not exceed relevant water quality objective

Constituent	Date Range of Available Data		N	N detects	Units	Detection Limits		WQO	Source of Lowest Water Quality Objective (WQO) Value
						Min	Max		
Antimony Dissolved	4/26/2001	2/21/2006	57	14	µg/L	1.1	18	NA	NA
Antimony Total	4/26/2001	2/21/2006	58	17	µg/L	1.1	18	4300	CTR HH Organism
Arsenic Dissolved	4/26/2001	1/8/2009	92	88	µg/L	10	10	150	CTR Freshwater Chronic
Arsenic Total	4/26/2001	1/8/2009	92	89	µg/L	10	10	150	CTR Freshwater Chronic
Barium Dissolved	4/26/2001	2/21/2006	92	92	µg/L	AD	AD	NA	NA
Barium Total	4/26/2001	1/8/2009	92	92	µg/L	AD	AD	NA	NA
Beryllium Dissolved	4/26/2001	2/21/2006	58	4	µg/L	0.006	1	NA	NA
Beryllium Total	4/26/2001	2/21/2006	58	5	µg/L	0.006	1	NA	NA
Cadmium Dissolved	4/26/2001	12/5/2010	99	42	µg/L	0.01	1	HBC	CTR Freshwater Acute/Chronic
Chromium Dissolved	4/26/2001	1/8/2009	91	83	µg/L	0.7	10	HBC	CTR Freshwater Acute/Chronic
Chromium Total	4/26/2001	1/8/2009	91	83	µg/L	0.7	10	HBC	CTR Freshwater Acute/Chronic
Cobalt Dissolved	4/26/2001	2/21/2006	56	17	µg/L	0.2	20	NA	NA
Cobalt Total	4/26/2001	2/21/2006	56	26	µg/L	0.2	20	NA	NA
Enterococcus	4/3/2001	1/8/2009	279	242	MPN/100ml	10	100	NA	NA
Fecal Coliform	6/25/2009	8/29/2013	210	210	MPN/100ml	AD	AD	NA	NA
Hardness	1/27/2004	10/9/2013	116	116	mg/L	AD	AD	NA	NA
Mercury Dissolved	4/26/2001	2/21/2006	58	15	µg/L	0.02	0.3	NA	NA
Nickel Dissolved	4/26/2001	1/8/2009	90	70	µg/L	0.5	20	HBC	CTR Freshwater Acute/Chronic
Nickel Total	4/26/2001	1/8/2009	91	75	µg/L	0.5	20	HBC	CTR Freshwater Acute/Chronic
Selenium Dissolved	5/31/2001	1/8/2009	90	84	µg/L	0.2	30	NA	NA
Thorium Dissolved	4/26/2001	2/21/2006	56	25	µg/L	25	0.5	NA	NA
Thorium Total	4/26/2001	2/21/2006	58	24	µg/L	0.5	25	NA	NA
Total Coliform	4/3/2001	1/8/2009	279	248	MPN/100ml	1000	1000	NA	NA
Vanadium Dissolved	4/26/2001	5/31/2001	2	1	µg/L	5	5	NA	NA
Vanadium Total	4/26/2001	5/31/2001	2	1	µg/L	5	5	NA	NA

NA - No Available adopted water quality objective
HBC - Hardness Based Criteria, as defined by CTR
AD - All values reported detected, no detection limit provided

Centinela Creek - Constituents that have been detected but do not exceed relevant water quality objective									
Constituent	Date Range of Available Data		N	N detects	Units	Detection Limits		WQO	Source of Lowest Water Quality Objective (WQO) Value
						Min	Max		
2,4'-DDE	10/6/2010	10/9/2013	16	1	µg/L	0.002	0.003	NA	NA
Alkalinity	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Aluminum Dissolved	10/17/2004	4/25/2006	14	4	µg/L	100	100	NA	NA
Aluminum Total	10/17/2004	4/25/2006	14	12	µg/L	100	100	NA	NA
Ammonia-N	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	HBC	BP 30-day Chronic early life stage fish present
Antimony Dissolved	10/17/2004	4/25/2006	28	22	µg/L	2	2	NA	NA
Antimony Total	10/17/2004	4/25/2006	28	23	µg/L	2	2	4300	CTR HH Organism
Arsenic Dissolved	10/17/2004	1/8/2009	62	61	µg/L	5	5	150	CTR Freshwater Chronic
Arsenic Total	10/17/2004	1/8/2009	62	62	µg/L	AD	AD	150	CTR Freshwater Chronic
Barium Dissolved	10/17/2004	1/8/2009	62	62	µg/L	AD	AD	NA	NA
Barium Total	10/17/2004	1/8/2009	62	62	µg/L	AD	AD	NA	NA
Benzo(g,h,i)perylene	10/17/2005	10/9/2013	23	6	µg/L	0.03	1	NA	NA
Beryllium Total	10/17/2004	4/25/2006	28	1	µg/L	0.4	1	NA	NA
Bicarbonate	10/17/2004	12/5/2004	4	4	µg/L	AD	AD	NA	NA
BOD	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Boron Dissolved	10/17/2004	3/17/2005	7	6	mg/L	0.1	0.1	NA	NA
Boron Total	10/17/2004	3/17/2005	7	6	mg/L	0.1	0.1	NA	NA
Cadmium Dissolved	10/17/2004	5/6/2013	78	61	µg/L	0.03	1	HBC	CTR Freshwater Acute/Chronic
Calcium	10/17/2004	3/17/2005	7	7	µg/L	AD	AD	NA	NA
Carbonate	10/17/2004	3/17/2005	7	1	µg/L	2000	2000	NA	NA
Chloride Total	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Chromium Dissolved	10/17/2004	1/8/2009	60	58	µg/L	0.21	5	HBC	CTR Freshwater Acute/Chronic
Chromium Total	10/17/2004	1/8/2009	61	60	µg/L	0.21	0.21	HBC	CTR Freshwater Acute/Chronic
Cobalt Dissolved	1/25/2005	2/21/2006	14	9	µg/L	0.2	0.2	NA	NA
Cobalt Total	1/25/2005	2/21/2006	14	12	µg/L	0.2	0.2	NA	NA
COD	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Cyanide Total	10/17/2004	4/25/2006	14	4	mg/L	10	10	5.2 - 22	CTR Freshwater Chronic and Acute
Diazinon	10/17/2004	4/25/2006	14	7	µg/L	0.01	0.01	NA	NA
Dibenzo(a,h)anthracene	10/17/2004	10/9/2013	30	3	µg/L	0.1	0.1	0.049	CTR HH Organism
Enterococcus	1/17/2002	1/8/2009	99	98	MPN/100ml	10	10	NA	NA
Fecal Coliform	10/17/2004	4/25/2006	14	14	MPN/100ml	AD	AD	NA	NA
Fluoranthene	10/17/2004	10/9/2013	30	12	µg/L	0.02	0.1	370	CTR HH Organism
Fluoride	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Hardness	10/17/2004	12/17/2010	64	64	mg/L	AD	AD	NA	NA
Iron Dissolved	10/17/2004	4/25/2006	14	7	µg/L	100	100	NA	NA
Iron Total	10/17/2004	4/25/2006	14	13	µg/L	100	100	NA	NA
Isophorone	10/17/2004	4/25/2006	14	2	µg/L	0.05	0.05	600	CTR HH Organism
Kjeldahl-N	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA

Centinela Creek - Constituents that have been detected but do not exceed relevant water quality objective									
Constituent	Date Range of Available Data		N	N detects	Units	Detection Limits		WQO	Source of Lowest Water Quality Objective (WQO) Value
						Min	Max		
Lead Dissolved	10/17/2004	5/6/2013	78	61	µg/L	1	5	HBC	CTR Freshwater Acute/Chronic
Magnesium Total	10/17/2004	3/17/2005	7	7	µg/L	AD	AD	NA	NA
Manganese Total	10/17/2004	3/17/2005	7	5	µg/L	30	30	NA	NA
Malathion	10/17/2004	4/25/2006	14	1	µg/L	2	2	NA	NA
MBAS	10/17/2004	4/25/2006	14	13	µg/L	50	50	NA	NA
Mercury Dissolved	10/17/2004	4/25/2006	28	2	µg/L	0.022	1	NA	NA
Mercury Total	10/17/2004	4/25/2006	28	4	µg/L	0.022	1	0.051	CTR HH Organism
Naphthalene	10/17/2004	10/9/2013	30	1	µg/L	0.05	0.13	NA	NA
Nickel Dissolved	10/17/2004	1/8/2009	61	61	µg/L	AD	AD	HBC	CTR Freshwater Acute/Chronic
Nickel Total	10/17/2004	1/8/2009	61	61	µg/L	AD	AD	HBC	CTR Freshwater Acute/Chronic
Nitrate	10/17/2004	4/25/2006	14	13	mg/L	0.1	0.1	NA	NA
Nitrate-N	10/17/2004	4/25/2006	14	12	mg/L	0.5	0.5	NA	NA
Nitrite-N	10/17/2004	4/25/2006	14	6	mg/L	0.03	0.03	NA	NA
Oil and Grease	10/17/2004	4/25/2006	14	2	mg/L	1	1	NA	NA
Oxygen Dissolved	10/17/2004	4/25/2006	13	13	mg/L	AD	AD	5	BP Single sample minimum
Petroleum Hydrocarbons Total	10/17/2005	4/25/2006	7	4	mg/L	1	1	NA	NA
Phenanthrene	10/17/2004	10/9/2013	30	10	µg/L	0.01	0.05	NA	NA
Phosphorus Total	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Phosphorus-Dissolved	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Potassium	10/17/2004	3/17/2005	7	7	µg/L	AD	AD	NA	NA
Pyrene	10/17/2004	10/9/2013	30	9	µg/L	0.02	0.05	11000	CTR HH Organism
Selenium Dissolved	10/17/2004	1/8/2009	60	48	µg/L	0.1	5	NA	NA
Silver Dissolved	10/17/2004	12/17/2010	64	27	µg/L	0.02	1	HBC	CTR Freshwater Acute
Sodium	10/17/2004	3/17/2005	7	7	µg/L	AD	AD	NA	NA
Specific Conductance	10/17/2004	4/25/2006	14	14	µmhos/cm	AD	AD	NA	NA
Streptococcus Fecal	10/17/2004	4/25/2006	14	14	MPN/100ml	AD	AD	NA	NA
Sulphate	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Thorium Dissolved	1/25/2005	2/21/2006	14	4	µg/L	1	1	NA	NA
Total Coliform	1/25/2005	2/21/2006	99	99	MPN/100ml	AD	AD	NA	NA
Total Dissolved Solids	10/17/2004	10/9/2013	18	18	mg/L	AD	AD	NA	NA
Total Organic Carbon	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Total Phenols	10/17/2004	4/25/2006	14	1	µg/L	100	100	4600000	CTR HH Organism
Total Settleable Solids	1/25/2013	11/20/2013	5	5	ml/l	AD	AD	NA	NA
Total Suspended Solids	10/17/2004	10/9/2013	18	18	mg/L	AD	AD	NA	NA
TPH	10/17/2004	3/17/2005	7	1	mg/L	1	1	NA	NA
Turbidity	10/17/2004	4/25/2006	14	14	NTU	AD	AD	NA	NA
Volatile Suspended Solids	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA

NA – No Available adopted water quality objective HBC - Hardness Based Criteria, as defined by CTR AD - All values reported detected, no detection limit provided

Sepulveda Channel - Constituents that have been detected but do not exceed relevant water quality objective									
Constituent	Date Range of Available Data		N	N detects	Units	Detection Limits		WQO	Source of Lowest Water Quality Objective (WQO) Value
						Min	Max		
Alkalinity	10/17/2004	4/25/2006	14	14	mg/L	NA	NA	NA	NA
Aluminum Dissolved	10/17/2004	4/25/2006	14	2	µg/L	100	100	NA	NA
Aluminum Total	10/17/2004	4/25/2006	14	13	µg/L	100	100	NA	NA
Ammonia-N	10/17/2004	10/15/2009	35	35	mg/L	AD	AD	HBC	BP 30-day Chronic early life stage fish present
Antimony Dissolved	10/17/2004	4/25/2006	28	17	µg/L	2	5	NA	NA
Antimony Total	10/17/2004	4/25/2006	28	20	µg/L	2	2	4300	CTR HH Organism
Arsenic Dissolved	10/17/2004	1/8/2009	61	61	µg/L	AD	AD	150	CTR Freshwater Chronic
Arsenic Total	10/17/2004	1/8/2009	61	61	µg/L	AD	AD	150	CTR Freshwater Chronic
Barium Dissolved	10/17/2004	1/8/2009	61	61	µg/L	AD	AD	NA	NA
Barium Total	10/17/2004	1/8/2009	61	61	µg/L	AD	AD	NA	NA
Bicarbonate	10/17/2004	12/5/2004	4	4	µg/L	AD	AD	NA	NA
BOD	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Boron Dissolved	10/17/2004	3/17/2005	7	5	mg/L	0.1	0.1	NA	NA
Boron Total	10/17/2004	3/17/2005	7	6	mg/L	0.1	0.1	NA	NA
Cadmium Dissolved	10/17/2004	12/5/2010	74	40	µg/L	0.01	1	HBC	CTR Freshwater Acute/Chronic
Cadmium Total	10/17/2004	12/5/2010	74	50	µg/L	0.01	1	HBC	CTR Freshwater Acute/Chronic
Calcium	10/17/2004	3/17/2005	7	7	µg/L	AD	AD	NA	NA
Chloride Total	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Chlorpyrifos	10/17/2004	4/25/2006	14	1	µg/L	0.05	0.05	0.041	USEPA Freshwater Chronic
Chromium Dissolved	10/17/2004	1/8/2009	60	58	µg/L	0.21	5	HBC	CTR Freshwater Acute/Chronic
Chromium Total	10/17/2004	1/8/2009	60	60	µg/L	AD	AD	HBC	CTR Freshwater Acute/Chronic
Cobalt Dissolved	1/25/2005	2/21/2006	14	14	µg/L	AD	AD	NA	NA
Cobalt Total	1/25/2005	2/21/2006	14	14	µg/L	AD	AD	NA	NA
COD	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Enterococcus	1/17/2002	1/8/2009	99	98	MPN/100ml	10	10	NA	NA
Fecal Coliform	10/17/2004	10/25/2012	188	187	MPN/100ml	20	20	NA	NA
Fluoride	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Hardness	10/17/2004	10/9/2013	132	132	mg/L	AD	AD	NA	NA
Iron Dissolved	10/17/2004	4/25/2006	14	8	µg/L	100	100	NA	NA
Iron Total	10/17/2004	4/25/2006	14	14	µg/L	AD	AD	NA	NA
Kjeldahl-N	10/17/2004	4/25/2006	14	14	mg/L	NA	NA	NA	NA
Lead Dissolved	10/17/2004	9/17/2013	126	100	µg/L	0.01	5	HBC	CTR Freshwater Acute/Chronic
Magnesium Total	10/17/2004	3/17/2005	7	7	µg/L	AD	AD	NA	NA
Manganese Dissolved	10/17/2004	3/17/2005	7	4	µg/L	30	30	NA	NA
Manganese Total	10/17/2004	3/17/2005	7	6	µg/L	30	30	NA	NA
MBAS	10/17/2004	4/25/2006	14	10	µg/L	50	50	NA	NA
Mercury Dissolved	10/17/2004	4/25/2006	28	1	µg/L	0.022	1	NA	NA
Mercury Total	10/17/2004	4/25/2006	28	4	µg/L	0.022	1	0.051	CTR HH Organism

Sepulveda Channel - Constituents that have been detected but do not exceed relevant water quality objective									
Constituent	**Date Range of Available Data**		**N**	**N detects**	**Units**	**Detection Limits**		**WQO**	**Source of Lowest Water Quality Objective (WQO) Value**
						Min	**Max**		
Nickel Dissolved	10/17/2004	1/8/2009	60	60	µg/L	AD	AD	HBC	CTR Freshwater Acute/Chronic
Nickel Total	10/17/2004	1/8/2009	60	60	µg/L	AD	AD	HBC	CTR Freshwater Acute/Chronic
Nitrate	10/17/2004	4/25/2006	14	13	mg/L	0.1	0.1	NA	NA
Nitrate-N	10/17/2004	4/25/2006	14	13	mg/L	0.5	0.5	NA	NA
Nitrite-N	10/17/2004	4/25/2006	14	5	mg/L	0.03	0.03	NA	NA
Oil and Grease	10/17/2004	4/25/2006	14	1	mg/L	1	1	NA	NA
Oxygen Dissolved	10/17/2004	4/25/2006	13	13	mg/L	AD	AD	5	BP Single sample minimum
Petroleum Hydrocarbons Total	10/17/2005	4/25/2006	7	3	mg/L	1	1	NA	NA
Phosphorus Total	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Phosphorus-Dissolved	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Potassium	10/17/2004	3/17/2005	7	7	µg/L	AD	AD	NA	NA
Pyrene	10/17/2004	4/25/2006	14	1	µg/L	0.05	0.05	11000	CTR HH Organism
Selenium Dissolved	10/17/2004	1/8/2009	61	55	µg/L	5	5	NA	NA
Silver Dissolved	10/17/2004	12/5/2010	74	31	µg/L	0.02	1	HBC	CTR Freshwater Acute
Silver Total	10/17/2004	12/5/2010	74	37	µg/L	0.02	1	HBC	CTR Freshwater Acute
Sodium	10/17/2004	3/17/2005	7	7	µg/L	AD	AD	NA	NA
Specific Conductance	10/17/2004	4/25/2006	14	14	µmhos/cm	AD	AD	NA	NA
Streptococcus Fecal	10/17/2004	4/25/2006	14	14	MPN/100ml	AD	AD	NA	NA
Sulphate	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Temperature	5/14/2009	10/15/2009	22	22	˚C	AD	AD	26.7	BP WARM Above 27 °C (80 °F)
Thorium Dissolved	1/25/2005	2/21/2006	14	4	µg/L	1	1	NA	NA
Thorium Total	1/25/2005	2/21/2006	14	2	µg/L	1	1	NA	NA
Total Coliform	1/17/2002	1/8/2009	99	99	MPN/100ml	AD	AD	NA	NA
Total Dissolved Solids	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Total Organic Carbon	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Total Phenols	10/17/2004	4/25/2006	14	1	µg/L	100	100	4600000	CTR HH Organism
Total Suspended Solids	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Turbidity	10/17/2004	4/25/2006	14	14	NTU	AD	AD	NA	NA
Volatile Suspended Solids	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
NA – No Available adopted water quality objective									
HBC – Hardness Based Criteria, as defined by CTR AD - All values reported detected, no detection limit provided									

Benedict Canyon Channel - Constituents that have been detected but do not exceed relevant water quality objective									
Constituent	Date Range of Available Data		N	N detects	Units	Detection Limits		WQO	Source of Lowest Water Quality Objective (WQO) Value
						Min	Max		
Alkalinity	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Aluminum Total	10/17/2004	4/25/2006	14	14	µg/L	AD	AD	NA	NA
Ammonia-N	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	HBC	BP 30-day Chronic early life stage fish present
Antimony Dissolved	10/17/2004	4/25/2006	28	18	µg/L	2	5	NA	NA
Antimony Total	10/17/2004	4/25/2006	28	16	µg/L	2	5	4300	CTR HH Organism
Arsenic Dissolved	10/17/2004	1/8/2009	62	62	µg/L	AD	AD	150	CTR Freshwater Chronic
Arsenic Total	10/17/2004	1/8/2009	62	62	µg/L	AD	AD	150	CTR Freshwater Chronic
Barium Dissolved	10/17/2004	1/8/2009	62	62	µg/L	AD	AD	NA	NA
Barium Total	10/17/2004	1/8/2009	62	62	µg/L	AD	AD	NA	NA
Bicarbonate	10/17/2004	12/5/2004	4	4	µg/L	AD	AD	NA	NA
BOD	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Boron Dissolved	10/17/2004	3/17/2005	7	5	mg/L	0.1	0.1	NA	NA
Boron Total	10/17/2004	3/17/2005	7	6	mg/L	0.1	0.1	NA	NA
Cadmium Dissolved	10/17/2004	1/8/2009	62	38	µg/L	0.3	1	HBC	CTR Freshwater Acute/Chronic
Cadmium Total	10/17/2004	1/8/2009	62	52	µg/L	0.3	1	HBC	CTR Freshwater Acute/Chronic
Calcium	10/17/2004	3/17/2005	7	7	µg/L	AD	AD	NA	NA
Chloride Total	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Chromium Dissolved	10/17/2004	1/8/2009	60	60	µg/L	AD	AD	HBC	CTR Freshwater Acute/Chronic
Chromium Total	10/17/2004	1/8/2009	61	61	µg/L	AD	AD	HBC	CTR Freshwater Acute/Chronic
Cobalt Dissolved	1/25/2005	2/21/2006	14	8	µg/L	0.2	0.2	NA	NA
Cobalt Total	1/25/2005	2/21/2006	14	11	µg/L	0.2	0.2	NA	NA
COD	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Cyanide Total	10/17/2004	4/25/2006	15	4	mg/L	10	10	5.2 – 22	CTR Freshwater Chronic/ Acute
Enterococcus	1/17/2002	1/8/2009	100	100	MPN/100ml	AD	AD	NA	NA
Fecal Coliform	10/17/2004	10/25/2012	189	188	MPN/100ml	20	20	NA	NA
Fluoride	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Hardness	10/17/2004	1/8/2009	62	62	mg/L	AD	AD	NA	NA
Iron Dissolved	10/17/2004	4/25/2006	14	5	µg/L	100	100	NA	NA
Iron Total	10/17/2004	4/25/2006	14	13	µg/L	100	100	NA	NA
Kjeldahl-N	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Lead Dissolved	10/17/2004	1/8/2009	62	39	µg/L	1	5	HBC	CTR Freshwater Acute/Chronic
Lead Total	10/17/2004	1/8/2009	62	58	µg/L	1	1.1	HBC	CTR Freshwater Acute/Chronic
Magnesium Total	10/17/2004	3/17/2005	7	7	µg/L	AD	AD	NA	NA
Manganese Dissolved	10/17/2004	3/17/2005	7	1	µg/L	30	30	NA	NA
Manganese Total	10/17/2004	3/17/2005	7	5	µg/L	30	30	NA	NA
MBAS	10/17/2004	4/25/2006	14	8	µg/L	50	50	NA	NA
Mercury Dissolved	10/17/2004	4/25/2006	28	1	µg/L	0.022	1	NA	NA
Nickel Dissolved	10/17/2004	1/8/2009	60	60	µg/L	AD	AD	HBC	CTR Freshwater Acute/Chronic

Benedict Canyon Channel - Constituents that have been detected but do not exceed relevant water quality objective									
Constituent	Date Range of Available Data		N	N detects	Units	Detection Limits		WQO	Source of Lowest Water Quality Objective (WQO) Value
						Min	Max		
Nickel Total	10/17/2004	1/8/2009	61	61	µg/L	AD	AD	HBC	CTR Freshwater Acute/Chronic
Nitrate	10/17/2004	4/25/2006	14	13	mg/L	0.1	0.1	NA	NA
Nitrate-N	10/17/2004	4/25/2006	14	13	mg/L	0.5	0.5	NA	NA
Nitrite-N	10/17/2004	4/25/2006	14	5	mg/L	0.03	0.03	NA	NA
Oil and Grease	10/17/2004	4/25/2006	15	3	mg/L	1	1	NA	NA
Oxygen Dissolved	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	5	BP Single sample minimum
Petroleum Hydrocarbons Total	10/17/2005	4/25/2006	8	2	mg/L	1	1	NA	NA
pH	10/17/2004	4/25/2006	14	14	pH Units	AD	AD	6.5-8.5	BP Minimum/Maximum
Phenanthrene	10/17/2004	4/25/2006	14	1	µg/L	0.05	0.05	NA	NA
Phosphorus Total	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Phosphorus-Dissolved	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Potassium	10/17/2004	3/17/2005	7	7	µg/L	AD	AD	NA	NA
Selenium Dissolved	10/17/2004	1/8/2009	62	57	µg/L	5	5	NA	NA
Silver Dissolved	10/17/2004	1/8/2009	61	27	µg/L	0.06	1	HBC	CTR Freshwater Acute
Silver Total	10/17/2004	1/8/2009	62	32	µg/L	0.06	1	HBC	CTR Freshwater Acute
Sodium	10/17/2004	3/17/2005	7	7	µg/L	AD	AD	NA	NA
Specific Conductance	10/17/2004	4/25/2006	14	14	µmhos/cm	AD	AD	NA	NA
Streptococcus Fecal	10/17/2004	4/25/2006	15	15	MPN/100ml	AD	AD	NA	NA
Sulphate	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Thorium Dissolved	1/25/2005	2/21/2006	14	5	µg/L	1	1	NA	NA
Thorium Total	1/25/2005	2/21/2006	14	5	µg/L	1	1	NA	NA
Total Coliform	1/17/2002	1/8/2009	100	100	MPN/100ml	AD	AD	NA	NA
Total Dissolved Solids	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Total Organic Carbon	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Total Phenols	10/17/2004	4/25/2006	15	1	µg/L	100	100	4600000	CTR HH Organism
Total Suspended Solids	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
Turbidity	10/17/2004	4/25/2006	14	14	NTU	AD	AD	NA	NA
Volatile Suspended Solids	10/17/2004	4/25/2006	14	14	mg/L	AD	AD	NA	NA
NA – No Available adopted water quality objective									
HBC – Hardness Based Criteria, as defined by CTR AD - All values reported detected, no detection limit provided									

Appendix 3.B Attachment 3
Water Quality Data Analysis Summary Tables for Constituents that have Exceeded Water Quality Objectives

Ballona Creek Estuary – Constituents that have been detected and have exceeded relevant water quality objective

Constituent	W/D	Date Range of Available Data		N	N Detects	Units	Detection Limits		Detected Values		Average	Median	N Exceed	% Exceed	Meets Listing Criteria	In Past 5 Years			WQO	Source of Lowest Water Quality Objective (WQO) Utilized
							Min	Max	Min	Max						N Sampled	N Exceed	% Exceed		
Silver Dissolved	Wet	8/01	4/08	16	6	µg/L	0.2	5	0.03	2	0.22	0.06	1	6%	No	NS	NS	NS	1.9	CTR Saltwater Acute
	Dry	4/01	5/10	87	16	µg/L	0.018	5	0.03	0.138	<20% Detect		0	0%	No	16	0	0%	1.9	CTR Saltwater Acute
Silver Total	Wet	8/01	4/08	16	6	µg/L	0.2	5	0.03	18	1.23	0.09	1	6%	No	NS	NS	NS	2.24	CTR Saltwater Acute
	Dry	4/01	5/10	87	17	µg/L	0.018	5	0.026	0.823	<20% Detect		0	0%	No	16	0	0%	2.24	CTR Saltwater Acute
Zinc Dissolved	Wet	8/01	4/08	16	15	µg/L	10	10	0.2	110	32.7	21.2	2	13%	Yes	NS	NS	NS	90	CTR Saltwater Acute
	Dry	4/01	5/10	86	69	µg/L	2	17.2	0.2	62	11.7	8.5	0	0%	No	16	0	0%	81	CTR Saltwater Chronic
Zinc Total	Wet	8/01	4/08	16	16	µg/L	AD	AD	6.27	245	59.0	42.3	3	19%	Yes	NS	NS	NS	95.1	CTR Saltwater Acute
	Dry	4/01	5/10	87	75	µg/L	2	17.2	0.2	113	18.6	13.6	2	2%	No	16	0	0%	85.6	CTR Saltwater Chronic
Enterococcus	Wet	8/01	3/13	72	70	MPN/100ml	10	10	10	24000	6069	2000	63	88%	Yes	37	36	97%	35	BP REC1 30 Day 5 sample average
	Dry	4/01	8/13	828	645	MPN/100ml	10	100	10	14000	562	66	497	60%	Yes	579	413	71%	35	
Total Coliform	Wet	8/01	3/13	72	72	MPN/100ml	AD	AD	410	240000	134845	155000	72	100%	Yes	29	29	100%	70	BP SHELL 30-Day Median
	Dry	4/01	8/13	828	814	MPN/100ml	67	100	100	240000	54971	13356	814	98%	Yes	515	502	99%	70	BP SHELL 30-Day Median
Dibenzo(a,h)-anthracene	Wet	NS	NS	NS	NS	µg/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	CTR HH Organism
	Dry	2/09	5/10	16	2	µg/L	0.02	0.02	0.15	0.36	<20% Detect		2	13%	Yes	16	2	13%	0.05	CTR HH Organism
Indeno(1,2,3-cd)pyrene	Wet	NS	NS	NS	NS	µg/L	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	CTR HH Organism
	Dry	2/09	5/10	16	3	µg/L	0.02	0.02	0.02	0.45	<20% Detect		2	13%	Yes	16	2	13%	0.05	CTR HH Organism
Mercury Total	Wet	8/01	2/06	10	5	µg/L	0.022	0.3	0.028	0.09	0.04	0.03	2	20%	Yes	NS	NS	NS	0.05	CTR HH Organism
	Dry	4/01	1/06	48	25	µg/L	0.02	0.3	0.023	2.67	0.11	0.03	11	23%	Yes	NS	NS	NS	0.05	CTR HH Organism
Copper Dissolved	Wet	11/01	4/08	15	11	µg/L	1.5	10	0.04	29	9.67	3.73	9	60%	Yes	NS	NS	NS	4.8	CTR Saltwater Acute
	Dry	4/01	5/10	84	59	µg/L	1	20	0.44	159	8.18	3.51	40	48%	Yes	16	1	7%	3.1	CTR Saltwater Chronic
Copper Total	Wet	11/01	4/08	16	12	µg/L	1.5	10	0.04	47	15.22	5.36	11	69%	Yes	NS	NS	NS	5.8	CTR Saltwater Acute
	Dry	4/01	5/10	86	68	µg/L	1.5	10	0.3	168	8.40	3.52	45	52%	Yes	16	1	6%	3.7	CTR Saltwater Chronic
Lead Dissolved	Wet	8/01	4/08	16	11	µg/L	1	10	0.055	11	2.23	0.73	0	0%	No	NS	NS	NS	210	CTR Saltwater Acute
	Dry	4/01	5/10	85	58	µg/L	1	26	0.053	41.6	4.66	0.90	15	18%	Yes	16	0	0%	8.1	CTR Saltwater Chronic
Lead Total	Wet	8/01	4/08	16	13	µg/L	1	5	0.055	100	15.7	2.47	0	0%	No	NS	NS	NS	220.8	CTR Saltwater Acute
	Dry	4/01	5/10	87	63	µg/L	1	26	0.055	52.6	5.76	1.49	18	21%	Yes	16	0	0%	8.5	CTR Saltwater Chronic
Nickel Dissolved	Wet	8/01	4/08	16	13	µg/L	10	20	0.1	20.1	6.15	3.80	0	0%	No	NS	NS	NS	74	CTR Saltwater Acute
	Dry	4/01	8/08	68	52	µg/L	0.24	20	0.26	35.7	6.76	4.84	15	22%	Yes	NS	NS	NS	8.2	CTR Saltwater Chronic
Nickel Total	Wet	8/01	4/08	16	14	µg/L	10	20	0.1	15.7	7.55	5.14	0	0%	No	NS	NS	NS	74.8	CTR Saltwater Acute
	Dry	4/01	8/08	70	58	µg/L	0.5	20	0.1	39	7.49	5.16	18	26%	Yes	NS	NS	NS	8.3	CTR Saltwater Chronic

Ballona Creek Reach 1 – Constituents that have been detected and have exceeded relevant water quality objective

Constituent	W/D	Date Range of Available Data		N	N Detects	Units	Detection Limits		Detected Values		Average	Median	N Exceed	% Exceed	Meets Listing Criteria	In Past 5 Years			WQO	Source of Lowest Water Quality Objective (WQO) Utilized
							Min	Max	Min	Max						N Sampled	N Exceed	% Exceed		
	Wet	8/01	12/10	20	13	µg/L	0.01	1	0.01	7.1	1.98	0.17	1	5%	No	3	0	0%	HBC	CTR Freshwater Acute

Ballona Creek Reach 1 – Constituents that have been detected and have exceeded relevant water quality objective

Constituent	W/D	Date Range of Available Data		N	N Detects	Units	Detection Limits		Detected Values		Average	Median	N Exceed	% Exceed	Meets Listing Criteria	In Past 5 Years			WQO	Source of Lowest Water Quality Objective (WQO) Utilized
							Min	Max	Min	Max						N Sampled	N Exceed	% Exceed		
Cadmium Total	Dry	4/01	9/10	79	40	µg/L	0.01	1	0.01	3.92	0.25	0.06	0	0%	No	5	0	0%	HBC	CTR Freshwater Chronic
Copper Dissolved	Wet	8/01	5/13	40	39	µg/L	10	10	3.84	61	12.4	ND	26	65%	Yes	23	20	87%	HBC	CTR Freshwater Acute
													16	40%	Yes		10	43%	HBC	2013 TMDL Amendment
	Dry	4/01	9/13	105	99	µg/L	1.5	20	2.83	45	7.41	6.44	1	1%	No	33	0	0%	HBC	CTR Freshwater Chronic
													1	1%	No		0	0%	HBC	2013 TMDL Amendment
Copper Total	Wet	8/01	5/13	40	39	µg/L	10	10	4.29	356	68.2	44.6	29	73%	Yes	23	23	100%	HBC	CTR Freshwater Acute
													31	78%	Yes		22	96%	HBC	2013 TMDL Amendment
	Dry	4/01	9/13	106	103	µg/L	10	10	3.67	182	15.6	ND	9	8%	Yes	32	0	0%	HBC	CTR Freshwater Chronic
													9	8%	Yes		0	0%	HBC	2013 TMDL Amendment
Lead Dissolved	Wet	8/01	5/13	39	35	µg/L	1	10	0.055	69	2.90	0.925	1	3%	No	23	0	0%	HBC	CTR Freshwater Acute
													1	3%	No		0	0%	HBC	2013 TMDL Amendment
	Dry	4/01	9/13	107	63	µg/L	0.06	26	0.055	6	0.775	0.294	0	0%	No	33	0	0%	HBC	CTR Freshwater Chronic
													0	0%	No		0	0%	HBC	2013 TMDL Amendment
Lead Total	Wet	8/01	5/13	40	39	µg/L	10	10	0.055	175	33.4	23.7	12	30%	Yes	23	10	43%	HBC	CTR Freshwater Acute
													3	8%	No		3	13%	HBC	2013 TMDL Amendment
	Dry	4/01	9/13	106	81	µg/L	1	26	0.11	158	5.05	1.48	3	3%	No	32	0	0%	HBC	CTR Freshwater Chronic
													3	3%	No		0	0%	HBC	2013 TMDL Amendment
Selenium Total	Wet	8/01	12/10	40	37	µg/L	0.11	1	0.2	3.2	0.92	0.63	0	0%	No	23	0	0%	NA	NA
	Dry	5/01	9/13	104	100	µg/L	0.2	30	0.6	5.7	1.97	1.82	1	1%	No	33	0	0%	5	CTR Freshwater Chronic
Silver Dissolved	Wet	8/01	12/10	20	11	µg/L	0.2	5	0.02	6	0.52	0.11	2	10%	Yes	3	0	0%	HBC	CTR Freshwater Acute
	Dry	4/01	9/10	79	26	µg/L	0.02	5	0.03	3.7	0.20	0.05	0	0%	No	5	0	0%	HBC	CTR Freshwater Acute
Silver Total	Wet	8/01	12/10	20	11	µg/L	0.2	5	0.03	17	1.40	0.21	2	10%	Yes	3	0	0%	HBC	CTR Freshwater Acute
	Dry	4/01	9/10	79	32	µg/L	0.06	5	0.02	5.8	0.34	0.09	0	0%	No	5	0	0%	HBC	CTR Freshwater Acute
Zinc Total	Wet	8/01	5/13	40	40	µg/L	AD	AD	13.5	1760	293	205	27	68%	Yes	23	23	100%	HBC	CTR Freshwater Acute
													25	63%	Yes		21	91%	HBC	2013 TMDL Amendment
	Dry	4/01	9/13	106	101	µg/L	2	17.2	6.22	1420	52.5	26.2	2	2%	No	32	0	0%	HBC	CTR Freshwater Chronic
													2	2%	No		0	0%	HBC	2013 TMDL Amendment
E. coli	Wet	8/01	11/08	31	26	MPN/100ml	100	100	200	34000	5457	1200	26	84%	Yes	NS	NS	NS	126	BP REC1 30-Day Average
	Dry	4/01	1/09	248	200	MPN/100ml	100	1000	100	36000	1340	479	184	74%	Yes	1	0	0%	126	BP REC1 30-Day Average
Mercury Total	Wet	8/01	2/06	10	5	µg/L	0.022	0.3	0.023	0.09	0.045	0.035	3	30%	Yes	NS	NS	NS	0.05	CTR HH Organism
	Dry	4/01	1/06	48	25	µg/L	0.02	0.3	0.025	2.35	0.101	0.030	13	27%	Yes	NS	NS	NS	0.05	CTR HH Organism

NA – No Available adopted water quality objective
HBC – Hardness Based Criteria, as defined by CTR
NS – Not Sampled

Ballona Creek Reach 2 – Constituents that have been detected and have exceeded relevant water quality objective

Constituent	W/D	Date Range of Available Data		N	N Detects	Units	Detection Limits		Detected Values		Average	Median	N Exceed	% Exceed	Meets Listing Criteria	In Past 5 Years			WQO	Source of Lowest Water Quality Objective (WQO) Utilized
							Min	Max	Min	Max						N Sampled	N Exceed	% Exceed		
3,4 Benzo-fluoranthene	Wet	10/04	10/13	59	1	µg/L	0.1	3.33	0.26	0.26	<20% Detect		1	2%	No	39	1	100%	0.049	CTR HH Organism
	Dry	11/04	6/13	21	0	µg/L	0.1	3.33	NA	NA	<20% Detect		0	0%	No	14	0	0%	0.049	CTR HH Organism
4,4'-DDE	Wet	11/02	10/13	55	1	µg/L	0.001	0.1	0.004	0.004	<20% Detect		1	2%	No	39	1	100%	0.00059	CTR HH Organism
	Dry	10/02	6/13	20	0	µg/L	0.004	0.1	NA	NA	<20% Detect		0	0%	No	13	0	0%	0.00059	CTR HH Organism
Ammonia-N	Wet	10/00	6/13	62	62	mg/L	AD	AD	0.1	2.64	0.595	0.388	0%	0%	No	20	0	0%	HBC	BP 1-hour Acute where salmonid fish are not present
	Dry	10/00	6/13	27	27	mg/L	AD	AD	0.0833	0.78	0.206	0.120	4%	4%	No	15	1	7%	HBC	BP 30-day Chronic early life stage fish present
Benzo(a)-anthracene	Wet	10/04	10/13	25	2	µg/L	0.1	0.14	0.14	0.14	<20% Detect		2	8%	Yes	20	2	100%	0.049	CTR HH Organism
	Dry	11/04	11/04	1	0	µg/L	0.1	0.1	NA	NA	<20% Detect		0	0%	No	NS	NS	NS	0.049	CTR HH Organism
Benzo(a)pyrene	Wet	11/02	10/13	66	1	µg/L	0.1	2	0.18	0.18	<20% Detect		1	2%	No	39	1	100%	0.049	CTR HH Organism
	Dry	10/02	6/13	25	0	µg/L	0.1	2	NA	NA	<20% Detect		0	0%	No	14	0	0%	0.049	CTR HH Organism
Bis(2-Ethylhexyl) phthalate	Wet	11/02	1/13	46	3	µg/L	1	5	8.27	28.5	<20% Detect		3	7%	No	19	1	5%	5.9	CTR HH Organism
	Dry	10/02	6/13	26	2	µg/L	1	5	13.7	29.9	<20% Detect		2	8%	No	14	0	0%	5.9	CTR HH Organism
Cadmium Total	Wet	10/00	1/13	103	59	µg/L	0.08	1	0.01	6.4	0.567	0.228	2%	3%	No	26	0	0%	HBC	CTR Freshwater Acute
	Dry	10/00	6/13	196	88	µg/L	0.01	1	0.01	7.33	0.291	0.052	0%	0%	No	36	0	0%	HBC	CTR Freshwater Chronic
Chrysene	Wet	11/02	10/13	66	1	µg/L	0.1	5	0.32	0.32	<20% Detect		1	2%	No	39	1	100%	0.049	CTR HH Organism
	Dry	10/02	6/13	25	0	µg/L	0.1	5	NA	NA	<20% Detect		0	0%	No	14	0	0%	0.049	CTR HH Organism
Copper Dissolved	Wet	10/00	5/13	97	82	µg/L	0.5	10	0.045	59.3	13.3	9.94	67	69%	Yes	64	48	75%	HBC	CTR Freshwater Acute
													53	55%	Yes		32	50%	HBC	2013 TMDL Amendment
	Dry	10/00	9/13	177	153	µg/L	0.5	10	0.6	55.1	7.65	6.52	3	2%	No	109	1	2%	HBC	CTR Freshwater Chronic
													3	2%	No		1	2%	HBC	2013 TMDL Amendment
Copper Total	Wet	10/00	5/13	141	137	µg/L	0.5	10	5.19	504	57.5	35.1	100	71%	Yes	64	60	94%	HBC	CTR Freshwater Acute
													111	79%	Yes		61	95%	HBC	2013 TMDL Amendment
	Dry	10/00	9/13	267	257	µg/L	0.5	10	2.04	358	16.1	11.2	12	4%	No	107	4	4%	HBC	CTR Freshwater Chronic
													12	4%	No		2	2%	HBC	2013 TMDL Amendment
Lead Dissolved	Wet	10/00	5/13	141	106	µg/L	0.2	10	0.055	61	4.18	1.30	2	1%	No	64	0	0%	HBC	CTR Freshwater Acute
													3	2%	No		1	2%	HBC	2013 TMDL Amendment
	Dry	10/00	9/13	266	148	µg/L	0.06	26	0.055	77	1.03	0.261	2	1%	No	108	1	1%	HBC	CTR Freshwater Chronic
													2	1%	No		1	1%	HBC	2013 TMDL Amendment
Lead Total	Wet	10/00	5/13	141	127	µg/L	0.2	10	0.055	871	34.2	12.4	15	11%	Yes	64	7	11%	HBC	CTR Freshwater Acute
													9	6%	No		5	8%	HBC	2013 TMDL Amendment
	Dry	10/00	9/13	267	199	µg/L	0.11	26	0.06	195	4.15	1.33	7	3%	No	107	2	2%	HBC	CTR Freshwater Chronic
													7	3%	No		2	2%	HBC	2013 TMDL Amendment
Indeno(1,2,3-cd)pyrene	Wet	11/02	10/13	66	10	µg/L	0.017	0.1	0.02	0.15	<20% Detect		1	2%	No	39	1	3%	0.049	CTR HH Organism
	Dry	10/02	6/13	25	0	µg/L	0.017	0.1	NA	NA	<20% Detect		0	0%	No	14	0	0%	0.049	CTR HH Organism
Selenium Total	Wet	10/00	5/13	139	97	µg/L	0.11	5	0.2	15.2	1.26	0.792	4	3%	No	63	0	0%	5	BC Metals TMDL
	Dry	10/00	9/13	263	250	µg/L	0.2	30	0.3	8.11	2.11	1.93	3	1%	No	108	1	1%	5	CTR Freshwater Chronic
Silver Dissolved	Wet	10/00	1/13	101	21	µg/L	0.1	5	0.03	34.9	0.430	0.055	1	1%	No	25	0	0%	HBC	CTR Freshwater Acute
	Dry	10/00	6/13	193	51	µg/L	0.02	5	0.03	1	0.077	0.044	0	0%	No	34	0	0%	HBC	CTR Freshwater Acute
Silver Total	Wet	10/00	1/13	103	46	µg/L	0.1	5	0.04	35.4	0.714	0.160	2	2%	No	26	0	0%	HBC	CTR Freshwater Acute
	Dry	10/00	6/13	195	62	µg/L	0.06	5	0.02	4.65	0.144	0.064	0	0%	No	35	0	0%	HBC	CTR Freshwater Acute
Zinc Dissolved	Wet	10/00	5/13	140	132	µg/L	1	50	2.39	770	66.0	40.9	27	19%	Yes	64	19	30%	HBC	CTR Freshwater Acute
													19	14%	Yes		15	23%	HBC	2013 TMDL Amendment

Ballona Creek Reach 2 – Constituents that have been detected and have exceeded relevant water quality objective

Constituent	W/D	Date Range of Available Data		N	N Detects	Units	Detection Limits		Detected Values		Average	Median	N Exceed	% Exceed	Meets Listing Criteria	In Past 5 Years			WQO	Source of Lowest Water Quality Objective (WQO) Utilized
							Min	Max	Min	Max						N Sampled	N Exceed	% Exceed		
Zinc Total	Dry	10/00	9/13	268	246	µg/L	1	50	1.91	196	13.8	10.8	0	0%	No	108	0	0%	HBC	CTR Freshwater Chronic
													0	0%	No		0	0%	HBC	2013 TMDL Amendment
	Wet	10/00	5/13	141	136	µg/L	1	50	7.56	2200	266	144	88	62%	Yes	64	61	95%	HBC	CTR Freshwater Acute
													91	65%	Yes		60	94%	HBC	2013 TMDL Amendment
	Dry	10/00	9/13	267	253	µg/L	2	50	4.37	2010	44.9	25.9	2	1%	No	107	1	1%	HBC	CTR Freshwater Chronic
													2	1%	No		0	0%	HBC	2013 TMDL Amendment
alpha-chlordane	Wet	11/02	10/13	57	1	µg/L	0.001	0.05	0.004	0.004	<20% Detect		1	2%	No	39	1	100%	0.00059	CTR HH Organism
	Dry	10/02	6/13	22	0	µg/L	0.033	0.1	NA	NA	<20% Detect		0	0%	No	14	0	0%	0.00059	CTR HH Organism
gamma-chlordane	Wet	11/02	10/13	57	1	µg/L	0.001	0.05	0.003	0.003	<20% Detect		1	2%	No	39	1	100%	0.00059	CTR HH Organism
	Dry	10/02	6/13	22	0	µg/L	0.033	0.1	NA	NA	<20% Detect		0	0%	No	14	0	0%	0.00059	CTR HH Organism
Diazinon	Wet	10/00	1/13	61	9	µg/L	0.003	0.01	0.023	0.217	<20% Detect		2	3%	No	19	0	0%	0.17	USEPA Freshwater Acute
	Dry	10/00	6/13	26	2	µg/L	0.003	0.01	0.07	0.078	<20% Detect		0	0%	No	14	0	0%	0.17	USEPA Freshwater Chronic
Oxygen Dissolved	Wet	11/02	1/13	43	43	mg/L	AD	AD	1.3	21.7	9.89	9.79	2	5%	No	19	0	0%	5	BP Single sample
	Dry	10/02	4/13	26	26	mg/L	AD	AD	9.16	22.3	14.6	14.0	0	0%	No	15	0	0%	5	BP Single sample
Cyanide Total	Wet	10/00	1/13	56	25	mg/L	5	10	5	362	12.7	1.69	4	7%	No	19	1	5%	22	CTR Freshwater Acute
	Dry	10/02	4/13	26	2	mg/L	5	10	5	7	<20% Detect		1	4%	No	15	0	0%	5.2	CTR Freshwater Chronic
E. coli	Wet	8/01	3/13	96	86	MPN/100ml	100	1000	100	36000	7901	3150	71	74%	Yes	34	34	100%	126	BP REC1 30-Day Average
	Dry	4/01	8/13	889	798	MPN/100ml	67	1000	67	44000	1131	458	699	79%	Yes	394	318	81%	126	BP REC1 30-Day Average
Mercury Total	Wet	10/00	1/13	82	8	µg/L	0.022	1	0.054	0.498	<20% Detect		8	10%	Yes	19	0	0%	0.051	CTR HH Organism
	Dry	10/00	6/13	124	40	µg/L	0.02	1	0.02	3.59	0.091	0.018	27	22%	Yes	16	2	100%	0.051	CTR HH Organism
pH	Wet	10/00	1/13	63	63	pH Units	AD	AD	6.07	8.84	7.3	7.21	6	10%	No	20	3	15%	6.5-8.5	BP Minimum/Maximum
	Dry	10/00	6/13	29	29	pH Units	AD	AD	6.58	9.04	8.09	8.23	7	24%	Yes	17	5	29%	6.5-8.5	BP Maximum

HBC – Hardness Based Criteria, as defined by CTR
NS – Not Sampled
AD - All values reported detected, no detection limit provided

Centinela Creek – Constituents that have been detected and have exceeded relevant water quality objective

Constituent	W/D	Date Range of Available Data		N	N Detects	Units	Detection Limits		Detected Values		Average	Median	N Exceed	% Exceed	Meets Listing Criteria	In Past 5 Years			WQO	Source of Lowest Water Quality Objective (WQO) Utilized
							Min	Max	Min	Max						N Sampled	N Exceed	% Exceed		
4,4'-DDT	Wet	10/04	10/13	27	1	µg/L	0.001	0.1	0.139	0.139	<20% Detect		1	4%	No	16	1	100%	0.0006	CTR HH Organism
	Dry	11/04	4/06	3	0	µg/L	0.1	0.1	NA	NA	<20% Detect		0	0%	No	NS	NS	NS	0.0006	CTR HH Organism
Benzo(a) anthracene	Wet	10/04	10/13	22	1	µg/L	0.1	0.14	0.14	0.14	<20% Detect		1	5%	No	16	1	100%	0.049	CTR HH Organism
	Dry	11/04	11/04	1	0	µg/L	0.1	0.1	NA	NA	<20% Detect		0	0%	No	NS	NS	NS	0.049	CTR HH Organism
Benzo(k) fluoranthene	Wet	10/04	10/13	27	1	µg/L	0.1	0.11	0.11	0.11	<20% Detect		1	4%	No	16	1	100%	0.049	CTR HH Organism
	Dry	11/04	4/06	3	0	µg/L	0.1	0.1	NA	NA	<20% Detect		0	0%	No	NS	NS	NS	0.049	CTR HH Organism
Bis(2-Ethylhexyl) phthalate	Wet	10/04	2/06	11	1	µg/L	1	1	31.3	31.3	<20% Detect		1	9%	No	NS	NS	NS	5.9	CTR HH Organism
	Dry	11/04	4/06	3	0	µg/L	1	1	NA	NA	<20% Detect		0	0%	No	NS	NS	NS	5.9	CTR HH Organism
Cadmium Total	Wet	10/04	5/13	38	33	µg/L	0.3	1	0.01	4.04	0.696	0.280	5%	6%	No	16	0	0%	HBC	CTR Freshwater Acute
	Dry	11/04	1/09	40	28	µg/L	0.3	1	0.01	1.4	0.269	0.086	0%	0%	No	1	0	0%	HBC	CTR Freshwater Chronic
Chrysene	Wet	10/04	10/13	27	1	µg/L	0.1	0.12	0.3	0.3	<20% Detect		1	4%	No	16	1	100%	0.049	CTR HH Organism
	Dry	11/04	4/06	3	0	µg/L	0.1	0.1	NA	NA	<20% Detect		0	0%	No	NS	NS	NS	0.049	CTR HH Organism
Copper Dissolved	Wet	10/04	5/13	39	39	µg/L	AD	AD	3.82	43.6	13.3	11.5	24	62%	Yes	17	17	100%	HBC	CTR Freshwater Acute
													22	56%	Yes		10	59%	HBC	2013 TMDL Amendment
	Dry	11/04	1/09	40	40	µg/L	AD	AD	3.17	105	18.6	11.9	2	5%	No	1	0	0%	HBC	CTR Freshwater Chronic
													2	5%	No		0	0%	HBC	2013 TMDL Amendment
Copper Total	Wet	10/04	5/13	39	39	µg/L	AD	AD	5.7	449	69.6	31.7	24	74%	Yes	17	17	100%	HBC	CTR Freshwater Acute
													22	92%	Yes		16	94%	HBC	2013 TMDL Amendment
	Dry	11/04	1/09	40	40	µg/L	AD	AD	5	57	23.427	19.5	8	20%	Yes	1	0	0%	HBC	CTR Freshwater Chronic
													8	20%	Yes		0	0%	HBC	2013 TMDL Amendment
Silver Total	Wet	10/04	5/13	38	25	µg/L	0.2	1	0.01	1.32	0.188	0.081	2	5%	No	16	2	13%	HBC	CTR Freshwater Acute
	Dry	11/04	1/09	40	20	µg/L	0.06	1	0.03	3.25	0.172	0.067	0	0%	No	1	0	0%	HBC	CTR Freshwater Acute
Lead Total	Wet	10/04	5/13	39	39	µg/L	AD	AD	0.055	198	26.5	14	15	38%	Yes	17	9	53%	HBC	CTR Freshwater Acute
													3	8%	Yes		1	6%	HBC	2013 TMDL Amendment
	Dry	11/04	1/09	40	36	µg/L	1	1.1	0.5	33.4	5.29	2.8	3	8%	Yes	1	1	100%	HBC	CTR Freshwater Chronic
													3	8%	Yes		1	100%	HBC	2013 TMDL Amendment
Zinc Dissolved	Wet	10/04	5/13	39	39	µg/L	AD	AD	4.33	264	48.7	38	18	46%	Yes	17	14	82%	HBC	CTR Freshwater Acute
													4	10%	Yes		2	12%	HBC	2013 TMDL Amendment
	Dry	11/04	1/09	40	40	µg/L	AD	AD	5.39	44	20.6	19.9	0	0%	No	1	0	0%	HBC	CTR Freshwater Chronic
													0	0%	No		0	0%	HBC	2013 TMDL Amendment
Zinc Total	Wet	10/04	5/13	37	37	µg/L	AD	AD	18.4	1890	265	172	25	68%	Yes	16	16	100%	HBC	CTR Freshwater Acute
													21	57%	Yes		12	75%	HBC	2013 TMDL Amendment
	Dry	11/04	1/09	40	40	µg/L	AD	AD	15	201	60.3	42.9	0	0%	No	1	0	0%	HBC	CTR Freshwater Chronic
													0	0%	No		0	0%	HBC	2013 TMDL Amendment
Indeno(1,2,3-cd) pyrene	Wet	10/04	10/13	27	7	µg/L	0.02	0.1	0.02	0.09	0.022	0.016	1	4%	No	16	1	6%	0.049	CTR HH Organism
	Dry	11/04	4/06	3	0	µg/L	0.1	0.1	NA	NA	<20% Detect		0	0%	0%	NS	NS	NS	0.049	CTR HH Organism
Selenium Total	Wet	10/04	12/10	23	16	µg/L	0.2	5	0.24	3.6	0.919	0.665	0	0%	No	2	0	0%	5	BC Metals TMDL
	Dry	11/04	1/09	40	38	µg/L	0.1	0.2	0.2	10.7	1	0.648	1	3%	No	1	0	0%	5	CTR Freshwater Chronic
E. coli	Wet	2/03	11/08	14	14	MPN/100ml	AD	AD	1200	30000	7807	5900	14	100%	Yes	NS	NS	NS	126	BP REC1 30-Day Average
	Dry	1/02	1/09	71	71	MPN/100ml	AD	AD	200	100000	4314	1700	71	100%	Yes	1	1	100%	126	BP REC1 30-Day Average
4,4'-DDE	Wet	10/04	10/13	27	3	µg/L	0.001	0.1	0.002	0.003	<20% Detect		3	100%	11%	16	3	100%	0.0006	CTR HH Organism
	Dry	11/04	4/06	3	0	µg/L	0.1	0.1	NA	NA	<20% Detect		0	0%	0%	NS	NS	NS	0.0006	CTR HH Organism
pH	Wet	10/04	2/06	11	11	pH Units	AD	AD	6.45	8.24	7.27	7.14	2	18%	No	NS	NS	NS	6.5-8.5	BP Minimum/Maximum
	Dry	11/04	4/06	3	3	pH Units	AD	AD	7.85	8.84	8.32	8.28	1	33%	No	NS	NS	NS	6.5-8.5	BP Maximum

NA - No Available adopted water quality objective

HBC - Hardness Based Criteria, as defined by CTR
NS – Not Sampled
AD - All values reported detected, no detection limit provided

Benedict Canyon Channel - Constituents that have been detected and have exceeded relevant water quality objective																				
Constituent	W/D	Date Range of Available Data		N	N Detects	Units	Detection Limits		Detected Values		Average	Median	N Exceed	% Exceed	Meets Listing Criteria	In Past 5 Years			WQO	Source of Lowest Water Quality Objective (WQO) Utilized
							Min	Max	Min	Max						N Sampled	N Exceed	% Exceed		
Bis(2-Ethylhexyl) phthalate	Wet	10/04	2/06	11	1	µg/L	1	1	19.9	19.9	<20% Detects		1	9%	No	NS	NS	NS	5.9	CTR HH Organism
	Dry	11/04	4/06	3	0	µg/L	1	1	NA	NA	<20% Detects		0	0%	No	NS	NS	NS	5.9	CTR HH Organism
Copper Dissolved	Wet	10/04	11/08	22	22	µg/L	4	4	4.8	20	10.2	9.91	1	5%	No	NS	NS	NS	HBC	CTR Freshwater Acute
													9	41%	Yes		NS	NS	HBC	2013 TMDL Amendment
	Dry	11/04	1/09	39	39	µg/L	AD	AD	3.73	48	8.93	7.00	1	3%	No	1	0	0%	HBC	CTR Freshwater Chronic
													1	3%	No		0	0%	HBC	2013 TMDL Amendment
Copper Total	Wet	10/04	11/08	22	22	µg/L	AD	AD	9.11	137	40.2	21.2	9	41%	Yes	NS	NS	NS	HBC	CTR Freshwater Acute
													16	73%	Yes		NS	NS	HBC	2013 TMDL Amendment
	Dry	11/04	1/09	40	40	µg/L	AD	AD	4.68	64	22.4	16.7	7	18%	Yes	1	0	0%	HBC	CTR Freshwater Chronic
													7	18%	Yes		0	0%	HBC	2013 TMDL Amendment
Zinc Dissolved	Wet	10/04	11/08	21	21	µg/L	AD	AD	6.16	124	25.7	20	0	0%	No	NS	NS	NS	HBC	CTR Freshwater Acute
													1	5%	No		NS	NS	HBC	2013 TMDL Amendment
	Dry	11/04	1/09	40	40	µg/L	AD	AD	1.3	37	9.12	8.09	0	0%	No	1	0	0%	HBC	CTR Freshwater Chronic
													0	0%	No		0	0%	HBC	2013 TMDL Amendment
Zinc Total	Wet	10/04	11/08	21	21	µg/L	AD	AD	11	648	132	65.1	6	29%	Yes	NS	NS	NS	HBC	CTR Freshwater Acute
													7	33%	Yes		NS	NS	HBC	2013 TMDL Amendment
	Dry	11/04	1/09	40	40	µg/L	AD	AD	10	2090	101	34.0	1	3%	No	1	0	0%	HBC	CTR Freshwater Chronic
													1	3%	No		0	0%	HBC	2013 TMDL Amendment
Diazinon	Wet	10/04	2/06	11	5	µg/L	0.01	0.01	0.03	0.61	0.084	0.012	1	9%	No	NS	NS	NS	0.17	USEPA Freshwater Acute
	Dry	11/04	4/06	3	0	µg/L	0.01	0.01	NA	NA	<20% Detects		0	0%	0%	NS	NS	NS	0.17	USEPA Freshwater Chronic
Mercury Total	Wet	10/04	2/06	15	2	µg/L	0.022	1	0.037	0.077	<20% Detects		1	25%	7%	NS	NS	NS	0.051	CTR HH Organism
	Dry	11/04	4/06	13	1	µg/L	0.022	1	0.039	0.039	<20% Detects		0	0%	0%	NS	NS	NS	0.051	CTR HH Organism
Selenium Total	Wet	10/04	11/08	22	17	µg/L	5	5	0.8	19	3.71	2.5	3	14%	No	NS	NS	NS	5	BC Metals TMDL
	Dry	11/04	1/09	40	40	µg/L	AD	AD	1.5	6.27	2.59	2.30	1	3%	No	1	0	0%	5	CTR Freshwater Chronic
E. coli	Wet	2/03	3/13	28	27	MPN/100ml	100	100	100	49000	6426	2450	26	93%	Yes	14	14	100%	126	BP REC1 30-Day Average
	Dry	1/02	8/13	266	260	MPN/100ml	67	100	100	20000	1199	600	241	91%	Yes	196	178	91%	126	BP REC1 30-Day Average

HBC - Hardness Based Criteria, as defined by CTR
NS – Not Sampled
AD - All values reported detected, no detection limit provided

Sepulveda Channel - Constituents that have been detected and have exceeded relevant water quality objective

Constituent	W/D	Date Range of Available Data		N	N Detects	Units	Detection Limits		Detected Values		Average	Median	N Exceed	% Exceed	Meets Listing Criteria	In Past 5 Years			WQO	Source of Lowest Water Quality Objective (WQO) Utilized
							Min	Max	Min	Max						N Sampled	N Exceed	% Exceed		
Bis(2-Ethylhexyl) phthalate	Wet	10/04	2/06	11	1	µg/L	1	1	25.6	25.6	<20% Detect		1	9.1%	No	NS	NS	NS	5.9	CTR HH Organism
	Dry	11/04	4/06	3	0	µg/L	1	1	NA	NA	<20% Detect		0	0.0%	No	NS	NS	NS	5.9	CTR HH Organism
Copper Dissolved	Wet	10/04	5/13	47	47	µg/L	AD	AD	2.04	54.3	14.1	11.4	24	51.1%	Yes	25	22	88%	HBC	CTR Freshwater Acute
													25	53.2%	Yes		17	68%	HBC	2013 TMDL Amendment
	Dry	11/04	9/13	84	84	µg/L	AD	AD	2.24	40.3	10.2	8.10	4	4.8%	No	46	2	4%	HBC	CTR Freshwater Chronic
													4	4.8%	No		2	4%	HBC	2013 TMDL Amendment
Copper Total	Wet	10/04	5/13	47	47	µg/L	AD	AD	7.69	324	70.6	34.3	33	70.2%	Yes	25	25	100%	HBC	CTR Freshwater Acute
													45	95.7%	Yes		25	100%	HBC	2013 TMDL Amendment
	Dry	11/04	9/13	83	83	µg/L	AD	AD	2.44	189	19.2	12.2	8	9.6%	Yes	45	3	7%	HBC	CTR Freshwater Chronic
													8	9.6%	Yes		2	4%	HBC	2013 TMDL Amendment
Lead Total	Wet	10/04	5/13	47	47	µg/L	AD	AD	0.055	116	26.8	14.6	9	19.1%	Yes	25	7	28%	HBC	CTR Freshwater Acute
													3	6.4%	No		2	8%	HBC	2013 TMDL Amendment
	Dry	11/04	9/13	83	78	µg/L	0.11	1.1	0.055	53.5	2.68	1.2	1	1.3%	No	45	0	0%	HBC	CTR Freshwater Chronic
													1	1.3%	No		0	0%	HBC	2013 TMDL Amendment
Zinc Dissolved	Wet	10/04	5/13	47	47	µg/L	AD	AD	6	439	63.2	42	14	29.8%	Yes	25	13	52%	HBC	CTR Freshwater Acute
													8	17.0%	Yes		6	24%	HBC	2013 TMDL Amendment
	Dry	11/04	9/13	84	84	µg/L	AD	AD	2.63	30	10.9	10	0	0.0%	No	46	0	0%	HBC	CTR Freshwater Chronic
													0	0.0%	No		0	0%	HBC	2013 TMDL Amendment
Zinc Total	Wet	10/04	5/13	47	47	µg/L	AD	AD	13	2610	357	185	31	66.0%	Yes	25	25	100%	HBC	CTR Freshwater Acute
													30	63.8%	Yes		23	92%	HBC	2013 TMDL Amendment
	Dry	11/04	9/13	83	83	µg/L	AD	AD	3.72	712	51.6	29	1	1.2%	No	45	0	0%	HBC	CTR Freshwater Chronic
													1	1.2%	No		0	0%	HBC	2013 TMDL Amendment
Diazinon	Wet	10/04	2/06	11	4	µg/L	0.01	0.01	0.03	0.19	0.029	0.007	1	9.1%	No	NS	NS	NS	0.17	USEPA Freshwater Acute
	Dry	11/04	4/06	3	0	µg/L	0.01	0.01	NA	NA	<20% Detect		0	0%	0.0%	NS	NS	NS	0.17	USEPA Freshwater Chronic
Selenium Total	Wet	10/04	5/13	47	42	µg/L	5	5	0.14	8.7	1.33	0.6	3	7.1%	No	25	0	0%	5	BC Metals TMDL
	Dry	11/04	9/13	84	84	µg/L	AD	AD	0.44	5.81	1.55	1.26	1	1.2%	No	46	0	0%	5	CTR Freshwater Chronic
Cyanide Total	Wet	10/04	2/06	11	5	mg/L	10	10	5	46	10.3	7.34	1	9.1%	No	NS	NS	NS	22	CTR Freshwater Acute
	Dry	11/04	4/06	3	0	mg/L	10	10	NA	NA	<20% Detect		0	0%	0.0%	NS	NS	NS	5.2-23	CTR Freshwater Chronic
E. coli	Wet	2/03	3/13	28	28	MPN/100ml	AD	AD	410	44000	6910	3400	28	100.0%	Yes	14	14	100%	126	BP REC1 30-Day Average
	Dry	1/02	8/13	266	259	MPN/100ml	100	100	100	98000	2318	1100	253	95.1%	Yes	196	187	95%	126	BP REC1 30-Day Average
pH	Wet	10/04	2/06	11	11	pH Units	AD	AD	6.79	8.26	7.47	7.66	0	0.0%	No	NS	NS	NS	6.5-8.5	BP Minimum/Maximum
	Dry	11/04	10/09	25	25	pH Units	AD	AD	6.81	9.38	8.77	8.95	20	80.0%	Yes	22	0	0%	6.5-8.5	BP Maximum

HBC - Hardness Based Criteria, as defined by CTR
NS – Not Sampled
AD - All values reported detected, no detection limit provided

Del Rey Lagoon - Constituents that have been detected and have exceeded relevant water quality objective

Constituent	W/D	Date Range of Available Data		N	N Detects	Units	Detection Limits		Detected Values		Average	Median	N Exceed	% Exceed	Meets Listing Criteria	In Past 5 Years			WQO	Source of Lowest Water Quality Objective (WQO) Utilized
							Min	Max	Min	Max						N Sampled	N Exceed	% Exceed		
Enterococcus	Wet	2/03	10/12	25	24	MPN/100ml	10	10	10	10000	1602	190	19	76%	Yes	12	10	83%	35	BP REC1 Marine 30-Day Minimum 5 samples
	Dry	1/02	8/13	232	179	MPN/100ml	10	10	10	24000	327	20	92	40%	Yes	170	69	41%	35	
Total Coliform	Wet	2/03	10/12	25	23	MPN/100ml	100	100	500	240000	44000	13000	21	84%	Yes	12	12	83%	1000	
	Dry	1/02	8/13	232	216	MPN/100ml	67	100	67	240000	9463	1698	138	60%	Yes	170	86	51%	1000	

Appendix 3.B Attachment 4
Sediment Quality Data Analysis Summary Tables

Ballona Creek Sediment Data Summary

Constituent	Date Range of Available Data		N	N detect	% Detect	Min DL	Max DL	Min Detect	Max Detect	Mean	Median	Units	N > WQO	% Exceed	Target	Target Source
Cadmium Total	9/07	10/12	42	42	100%	0.009	0.132	0.132	2.03	0.67	0.55	ug/g	4	10%	1.2	TMDL Target - Direct Effect
Copper Total	9/07	10/12	42	42	100%	0.0038	0.18	5.21	164	22.4	12.8	ug/g	6	14%	34	TMDL Target - Direct Effect
Lead Total	9/07	10/12	42	42	100%	0.1	0.19	1.47	162	22.4	15.8	ug/g	5	12%	46.7	TMDL Target - Direct Effect
Silver Total	9/07	10/12	42	23	55%	0.016	0.05	0.037	1.74	0.25	0.063	ug/g	4	10%	1	TMDL Target - Direct Effect
Zinc Total	9/07	10/12	42	42	100%	0.21	1	23	513	101	69.8	ug/g	5	12%	150	TMDL Target - Direct Effect
Summed Chlordanes	9/07	10/12	42	3	7%	0.005	0.0083	0.0064	10.5	NA	NA	ug/g	3	7%	0.0013	TMDL Target - Indirect Effect
Summed DDT	9/07	10/12	42	26	62%	0.001	0.0086	0.0011	0.0835	0.01	0.003	ug/g	24	57%	0.0019	TMDL Target - Indirect Effect
Summed PCBs - Aroclors	9/07	10/12	42	1	2%	0.005	0.0083	0.1948	0.1948	NA	NA	ug/g	1	2%	0.0032	TMDL Target - Indirect Effect
Summed PCBs - Cogeners	9/07	10/12	22	0	0%	0.005	0.001					ug/g	0	0%	0.0032	TMDL Target - Indirect Effect
Total PAHs	9/07	10/12	42	0	0%	0.0017	0.0017					ug/g	0	0%	4.022	TMDL Target - Direct Effect

Ballona Creek Suspended Sediment Data Summary

Constituent	Date Range of Available Data		N	N detect	% Detect	Min DL	Max DL	Min Detect	Max Detect	Mean	Median	Units	N > WQO	% Exceed	Target	Target Source
Cadmium Total	2011	2013	4	4	100%	1	0.03	0.03	2.89	1.97	2.06	ug/g	3	75%	1.2	TMDL Target - Direct Effect
Copper Total	2011	2013	4	4	100%	1	0.04	0.04	193	119	108	ug/g	4	100%	34	TMDL Target - Direct Effect
Lead Total	2011	2013	4	4	100%	0.5	0.19	0.19	102	51.0	40.3	ug/g	1	25%	46.7	TMDL Target - Direct Effect
Silver Total	2011	2013	4	2	50%	1	0.05	0.05	0.63	NA	NA	ug/g	0	0%	1	TMDL Target - Direct Effect
Zinc Total	2011	2013	4	4	100%	2	0.61	0.61	844	505	424	ug/g	4	100%	150	TMDL Target - Direct Effect
Summed Chlordanes	2011	2013	3	3	100%	5	0.011	0.011	0.034	0.026	0.033	ug/g	3	100%	0.0013	TMDL Target - Indirect Effect
Summed DDT	2011	2013	4	4	100%	1	0.016	0.016	0.069	0.036	0.029	ug/g	4	100%	0.0019	TMDL Target - Indirect Effect
Summed PCBs - Cogeners	2011	2013	1	1	100%	0.005	0.017	0.017	0.017	NA	NA	ug/g	1	100%	0.0032	TMDL Target - Indirect Effect
Total PAHs	2011	2013	3	2	67%	0.0017	0.0017	0.003	0.153	NA	NA	ug/g	0	0%	4.022	TMDL Target - Direct Effect

Centinela Creek Suspended Sediment Data Summary													
Constituent	**Date Range of Available Data**	**N**	**N detect**	**% Detect**	**Min DL**	**Max DL**	**Min Detect**	**Max Detect**	**Units**	**N > WQO**	**% Exceed**	**Target**	**Target Source**
Cadmium Total	2012-13 Storm Year	1	1	100%	1	1	1.28	1.28	ug/g	1	100%	1.2	TMDL Target - Direct Effect
Copper Total		1	1	100%	1	1	69.2	69.2	ug/g	1	100%	34	TMDL Target - Direct Effect
Lead Total		1	1	100%	0.5	0.5	26.2	26.2	ug/g	0	0%	46.7	TMDL Target - Direct Effect
Silver Total		1	1	100%	1	1	0.38	0.38	ug/g	0	0%	1	TMDL Target - Direct Effect
Zinc Total		1	1	100%	2	2	289	289	ug/g	1	100%	150	TMDL Target - Direct Effect
Summed Chlordanes		1	1	100%	5	5	0.017	0.017	ug/g	1	100%	0.0013	TMDL Target - Indirect Effect
Summed DDT		1	1	100%	1	1	0.024	0.024	ug/g	1	100%	0.0019	TMDL Target - Indirect Effect
Summed PCBs - Cogeners		1	1	100%	0.005	0.005	0.022	0.022	ug/g	1	100%	0.0032	TMDL Target - Indirect Effect
Total PAHs		1	0	0%	0.0017	0.0017			ug/g	0	0%	4.022	TMDL Target - Direct Effect

Appendix 3.C
Supporting Information for the Discharge Analysis

Per Part VI.C.5.a.i (pg 58) of the Permit, each EWMP shall include a characterization of stormwater and non-stormwater discharges from the MS4. A characterization was conducted on stormwater and non-stormwater discharges from the MS4 associated with constituents identified in a TMDL, a 303(d) listing, or through the receiving water data analysis described above. The following sources of discharge characterization data were reviewed:

- TMDL Staff Reports for TMDLs identified in Table 1.
- Data collected during a June 2012 bacteria snap shot event conducted along Ballona Creek and Sepulveda Channel to document the locations and bacteriological water quality of dry weather discharges.
- Data collected as part of the 2007 Southern California Coastal Water Research Project (SCCWRP) Technical Report 510 titled "Sources, patterns and mechanisms of storm water pollutant loading from watersheds and land uses of the greater Los Angeles area, California, USA."
- Land Use data collected as part of previous MS4 Permit monitoring and presented in the 2000 report titled "Los Angeles County 1994-2000 Integrated Receiving Water Impacts Report."

Utilizing the sources above, several tables of summary information were generated. *E. coli* concentration and loading summary statistics for dry weather discharge data collected in the Ballona Creek watershed are presented in Table 2. Tables 3 and 4 present the available average concentration of TMDL, 303(d) listed, and other constituents of interest in stormwater runoff from various land uses collected as part of County of Los Angeles stormwater program between 1996 and 2000 and SCCWRP Technical Report 510 collected between 2000 and 2005, respectively. Note that the land use data are not specific to the watershed per se; however, they are considered generally representative. Complete summary statistics for these two sources, including all measured constituents, are presented in Attachment 1.

Table 1 TMDLs Applicable to the Ballona Creek Watershed

TMDL	Regional Board Resolution Number(s)	Effective Date and/or EPA Approval Date
Ballona Creek Trash (BC Trash)	2004-023	08/11/2005
Ballona Creek Estuary Toxic Pollutants (BC Toxics TMDL)	2005-008	01/11/2006
	2013-010	10/26/2015
Ballona Creek, Ballona Estuary, and Sepulveda Channel Bacteria (BC Bacteria TMDL)	2006-011	04/27/2007
	2012-008	07/02/2014
Ballona Creek Metals (BC Metals TMDL)	2007-015	10/29/2008
	2013-010	10/26/2015
Santa Monica Bay Nearshore and Offshore Debris (Santa Monica Bay [SMB] Trash TMDL)	2010-010	03/20/2012
Santa Monica Bay DDTs and PCBs (SMB Toxics)	NA (USEPA TMDL)	03/26/2012
Ballona Creek Wetlands TMDL for Sediment and Invasive Exotic Vegetation (Wetlands TMDL)		03/26/2012

Table 2 *E. coli* Characteristics in Dry Weather Storm Drain Discharges in Ballona Creek

Statistic	Flow Rate (cfs)	*E. coli* Concentration (MPN/100mL)	*E. coli* Loading Rate (10^9 MPN/day)
Count	34	34	34
Median	0.0086	310	0.13
Minimum	0.0002	10	0.0002
Maximum	5.89	14,000	162

Table 3 Summary of Mean Concentrations of Constituents in Stormwater Runoff for Relevant Constituents by Land Use Categories Sampled by Los Angeles County Department of Public Works and Presented in the 2000 report titled "*Los Angeles County 1994-2000 Integrated Receiving Water Impacts Report*

Constituents	Units	Comm	Vacant	High Density Single Family Residential	Transportation	Light Industrial	Educational	Multifamily Residential	Mixed Residential
Ammonia	mg/L	1.26	0.13	0.41	0.29	0.59	0.33	0.47	0.67
Cyanide		SID	SID	SID	SID	SID	SID	SID	SID
Total Suspended Solids		66	186	95	78	240	95	46	63
Dissolved Cadmium	µg/L	SID	SID	SID	SID	SID	SID	SID	SID
Total Cadmium		0.73	SID	SID	1.1	SID	SID	SID	SID
Dissolved Copper		14	SID	8.5	33	20	13	6.9	12
Total Copper		39	15	15	56	32	24	12	19
Dissolved Lead		SID	SID	SID	SID	SID	SID	SID	SID
Total Lead		18	SID	10	10	17	4.9	5.8	11
Dissolved Mercury		SID	SID	SID	SID	SID	SID	SID	SID
Total Mercury		SID	SID	SID	SID	SID	SID	SID	SID
Dissolved Nickel		SID	SID	SID	3.9	5	SID	SID	SID
Total Nickel		15	SID	SID	6	9.8	4.7	SID	SID
Dissolved Silver		SID	SID	SID	SID	SID	SID	SID	SID
Total Silver		SID	SID	SID	SID	SID	SID	SID	SID
Dissolved Zinc		152	SID	44	192	407	66	83	133
Total Zinc		241	46	79	291	639	138	146	203
Total Selenium		SID	SID	SID	SID	SID	SID	SID	SID
Bis(2-ethylhexyl) phthalate		SID	SID	SID	SID	SID	SID	SID	SID
Benzo(a)pyrene		SID	SID	SID	SID	SID	SID	SID	SID
Chrysene		SID	SID	SID	SID	SID	SID	SID	0.62
Diazinon		SID	SID	SID	SID	SID	SID	SID	SID
Dibenz(a,h)anthracene		SID	SID	SID	SID	SID	SID	SID	SID
Indeno (1,2,3-cd)pyrene		SID	SID	SID	SID	SID	SID	SID	SID
OC Pesticides & PCBs		SID	SID	SID	SID	SID	SID	SID	SID
Fecal Coliform	MPN/ 100mL	528750	1397	933333	328750	338220	SID	SID	SID
Fecal Enterococcus		86250	679	610000	32000	98200	SID	SID	SID
Total Coliform		1140000	9187	1366667	692500	454000	SID	SID	SID

SID = Statistically Invalid Data, not enough data above detection limit collected.

Table 4 Summary of Mean Concentrations of Constituents in Stormwater Runoff for Relevant Constituents by Land Use Categories Sampled by the Southern California Coastal Water Research Project (SCCWRP) as Part of Technical Report 510 titled "*Sources, patterns and mechanisms of stormwater pollutant loading from watersheds and land uses of the greater Los Angeles area, California, USA*."

Constituents	Units	High Density Residential	Low Density Residential	Commercial	Industrial	Recreation	Transportation
Ammonia as N	mg/L	0.56	0.33	1.07	0.76	1.07	0.69
Total Suspended Solids		46.56	95.16	56.87	89.60	361.29	25.29
Benzo(a)pyrene	µg/L	0.160	0.051	0.141	0.063	0.031	0.028
Benzo(b)fluoranthene		0.233	0.042	0.115	0.070	0.064	0.036
Benzo(k)fluoranthene		0.143	0.042	0.135	0.045	0.020	0.027
Cadmium		0.68	0.61	1.15	1.80	0.63	0.55
Copper		24.43	32.34	41.70	72.41	32.85	20.03
Chrysene		0.206	0.060	0.141	0.135	0.066	0.054
Diazinon		0.136	0.153	SID	SID	SID	SID
Dibenz(a,h)anthracene		0.061	0.036	0.069	0.106	0.019	S.I.D
Indeno(1,2,3-c,d)pyrene		0.146	0.102	0.164	0.132	0.032	0.025
Lead		17.16	7.38	23.32	24.48	13.29	4.56
Mercury		1.01	SID	SID	SID	SID	SID
Nickel		5.68	5.75	12.29	14.92	16.19	6.31
Selenium		0.55	SID	SID	SID	SID	SID
Silver		3.08	1.63	1.30	1.04	2.27	0.20
Zinc		173	88.3	372	597	128	162
Chlordane, alpha-		0.05	SID	SID	SID	SID	SID
Chlordane, gamma-		0.04	SID	SID	SID	SID	SID
DDD(o,p')		SID	SID	SID	SID	SID	SID
DDD(p,p')		SID	SID	SID	SID	SID	SID
DDE(o,p')		SID	SID	SID	SID	SID	SID
DDE(p,p')		0.15	0.07	SID	SID	SID	SID
DDT(o,p')		SID	SID	SID	SID	SID	SID
DDT(p,p')		SID	0.00	SID	SID	SID	SID
PCB AROCLOR 1016		SID	SID	SID	SID	SID	SID
PCB AROCLOR 1221		SID	SID	SID	SID	SID	SID
PCB AROCLOR 1232		SID	SID	SID	SID	SID	SID
PCB AROCLOR 1242		SID	SID	SID	SID	SID	SID
PCB AROCLOR 1248		SID	SID	SID	SID	SID	SID

Constituents	Units	High Density Residential	Low Density Residential	Commercial	Industrial	Recreation	Transportation
PCB AROCLOR 1254		SID	SID	SID	SID	SID	SID
PCB AROCLOR 1260		SID	SID	SID	SID	SID	SID
E. coli	MPN/ 100mL	5615	SID	SID	SID	SID	SID
Enterococcus		24086	11963	115880	26074	110115	9022
Fecal Coliforms		12651	16968	17704	4214	387629	3091
Total Coliforms		329379	115960	528034	185664	1206826	157852

SID = Statistically Invalid Data, not enough data above detection limit collected

Appendix 3.C Attachment 1
Summary Statistics for Land Use Runoff Water Quality Data

Summary of Stormwater Runoff by Land Use Categories Sampled by the Southern California Coastal Water Research Project (SCCWRP) as Part of Technical Report 510 titled "Sources, patterns and mechanisms of storm water pollutant loading from watersheds and land uses of the greater Los Angeles area, California, USA."

		High Density Residential							Low Density Residential						
Parameter Code	Result Units	No. of Samples	No. of Detects	Percent Detects	Mean of Detects	Median of Detects	Upper 95th Percentile	Lower 95th Percentile	No. of Samples	No. of Detects	Percent Detects	Mean of Detects	Median of Detects	Upper 95th Percentile	Lower 95th Percentile
Acenaphthene	ug/L	42	8	19%	0.04	0.03	0.09	0.02	27	6	22%	0.02	0.01	0.04	0.01
Acenaphthylene	ug/L	42	11	26%	0.02	0.02	0.04	0.01	27	4	15%	0.01	0.01	0.03	0.01
Aldrin	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
Aluminum	ug/L	21	21	100%	720.04	237.00	2940.00	108.00	NA	NA	NA	NA	NA	NA	NA
Ammonia as N	mg/L	62	57	92%	0.56	0.49	1.34	0.09	37	29	78%	0.33	0.34	0.57	0.07
Anthracene	ug/L	42	22	52%	0.06	0.03	0.20	0.01	27	10	37%	0.02	0.02	0.05	0.00
Antimony	ug/L	21	12	57%	0.94	0.83	1.48	0.63	NA	NA	NA	NA	NA	NA	NA
Arsenic	ug/L	66	62	94%	1.79	1.40	3.27	0.93	37	30	81%	2.75	2.25	3.82	1.55
Barium	ug/L	21	21	100%	64.61	11.50	140.00	7.35	NA	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	ug/L	42	30	71%	0.15	0.06	0.57	0.01	27	15	56%	0.03	0.01	0.12	0.00
Benzo(a)pyrene	ug/L	42	30	71%	0.16	0.08	0.56	0.01	27	13	48%	0.05	0.02	0.19	0.01
Benzo(b)fluoranthene	ug/L	42	32	76%	0.23	0.13	0.72	0.01	27	18	67%	0.04	0.02	0.14	0.01
Benzo(e)pyrene	ug/L	42	31	74%	0.18	0.11	0.65	0.02	27	16	59%	0.06	0.02	0.27	0.01
Benzo(g,h,i)perylene	ug/L	42	22	52%	0.27	0.22	0.70	0.03	27	15	56%	0.07	0.02	0.28	0.01
Benzo(k)fluoranthene	ug/L	42	30	71%	0.14	0.08	0.53	0.02	27	17	63%	0.04	0.01	0.15	0.00
Beryllium	ug/L	21	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl	ug/L	42	20	48%	0.03	0.02	0.05	0.01	27	8	30%	0.03	0.01	0.12	0.01
Bolstar	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	ug/L	66	27	41%	0.68	0.50	1.51	0.20	37	14	38%	0.61	0.40	1.49	0.20
Chlordane, alpha-	ug/L	33	2	6%	0.05	0.05	NA	NA	16	0	0%	NA	NA	NA	NA
Chlordane, gamma-	ug/L	33	2	6%	0.04	0.04	NA	NA	16	0	0%	NA	NA	NA	NA
Chlorpyrifos	ug/L	26	0	0%	NA	NA	NA	NA	7	0	0%	NA	NA	NA	NA
Chromium	ug/L	66	56	85%	5.17	3.51	14.55	1.40	37	24	65%	8.27	5.00	19.48	2.31
Chrysene	ug/L	42	39	93%	0.21	0.06	0.78	0.01	27	21	78%	0.06	0.03	0.15	0.01
Cobalt	ug/L	21	8	38%	1.90	1.58	4.12	0.54	NA	NA	NA	NA	NA	NA	NA
Copper	ug/L	66	66	100%	24.43	15.85	60.07	5.35	37	37	100%	32.34	20.00	77.26	8.82
DDD(o,p')	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
DDD(p,p')	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
DDE(o,p')	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
DDE(p,p')	ug/L	33	4	12%	0.15	0.16	0.18	0.10	16	1	6%	0.07	0.07	NA	NA
DDT(o,p')	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
DDT(p,p')	ug/L	33	0	0%	NA	NA	NA	NA	16	1	6%	0.00	0.00	NA	NA
Demeton-S	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diazinon	ug/L	26	7	27%	0.14	0.14	0.17	0.10	7	4	57%	0.15	0.16	0.24	0.06
Dibenz(a,h)anthracene	ug/L	42	16	38%	0.06	0.06	0.13	0.01	27	5	19%	0.04	0.01	0.09	0.01
Dibenzothiophene	ug/L	19	10	53%	0.02	0.01	0.06	0.01	NA	NA	NA	NA	NA	NA	NA
Dichlorvos	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
Dimethoate	ug/L	26	0	0%	NA	NA	NA	NA	6	1	17%	0.05	0.05	NA	NA
Dimethylnaphthalene, 2,6-	ug/L	42	13	31%	0.03	0.02	0.06	0.01	27	5	19%	0.02	0.02	0.05	0.01
Disulfoton	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E Coli	mpn/100mL	24	24	100%	5614.58	3210.00	23744.00	698.50	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
Endosulfan II	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA

		High Density Residential							Low Density Residential						
Parameter Code	Result Units	No. of Samples	No. of Detects	Percent Detects	Mean of Detects	Median of Detects	Upper 95th Percentile	Lower 95th Percentile	No. of Samples	No. of Detects	Percent Detects	Mean of Detects	Median of Detects	Upper 95th Percentile	Lower 95th Percentile
Endosulfan Sulfate	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
Endrin	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
Endrin Aldehyde	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
Endrin Ketone	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Enterococcus	mpn/100mL	72	72	100%	24086.48	8527.00	43019.00	1107.30	42	42	100%	11962.52	6394.00	33414.60	3597.00
Ethoprop	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fecal Coliforms	mpn/100mL	47	47	100%	12650.56	3654.00	33017.51	158.20	42	42	100%	16967.71	2120.00	29433.50	558.70
Fenchlorphos	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fensulfothion	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fenthion	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	ug/L	42	42	100%	0.34	0.09	1.04	0.02	27	26	96%	0.09	0.04	0.28	0.02
Fluorene	ug/L	42	11	26%	0.03	0.03	0.08	0.01	27	8	30%	0.02	0.02	0.03	0.01
HCH, alpha	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
HCH, beta	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
HCH, delta	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
HCH, gamma	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
Heptachlor	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
Heptachlor Epoxide	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
Hexachlorobenzene	ug/L	7	0	0%	NA	NA	NA	NA	10	2	20%	0.03	0.03	NA	NA
Indeno(1,2,3-c,d)pyrene	ug/L	42	24	57%	0.15	0.10	0.50	0.01	27	8	30%	0.10	0.04	0.40	0.01
Iron	ug/L	66	64	97%	1271.94	430.00	5269.00	120.00	37	37	100%	1996.38	1060.00	4562.00	332.00
Lead	ug/L	66	66	100%	17.16	6.85	64.63	1.60	37	37	100%	7.38	3.40	15.44	1.46
Malathion	ug/L	26	3	12%	0.12	0.11	0.15	0.10	7	4	57%	0.09	0.08	0.14	0.06
Manganese	ug/L	21	20	95%	49.85	17.05	166.15	5.01	NA	NA	NA	NA	NA	NA	NA
Mercury	ug/L	21	1	5%	1.01	1.01	NA	NA	NA	NA	NA	NA	NA	NA	NA
Merphos	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
Methylnaphthalene, 1-	ug/L	42	19	45%	0.04	0.02	0.10	0.01	27	14	52%	0.01	0.01	0.03	0.00
Methylnaphthalene, 2-	ug/L	42	24	57%	0.04	0.03	0.11	0.01	27	14	52%	0.02	0.01	0.06	0.00
Methylphenanthrene, 1-	ug/L	42	19	45%	0.03	0.02	0.10	0.01	27	8	30%	0.03	0.01	0.08	0.01
Mevinphos	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mirex	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
Molybdenum	ug/L	21	21	100%	1.25	1.13	2.30	0.72	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ug/L	42	19	45%	0.04	0.04	0.10	0.01	27	18	67%	0.02	0.01	0.06	0.01
Nickel	ug/L	66	51	77%	5.68	5.40	12.95	1.13	37	18	49%	5.75	5.65	8.58	3.03
Nitrate + Nitrite as N	mg/L	29	29	100%	0.52	0.45	1.12	0.07	22	22	100%	0.25	0.24	0.33	0.19
Nitrate as N	MG/L	38	35	92%	0.32	0.27	0.68	0.07	17	16	94%	0.13	0.11	0.24	0.07
Nitrite as N	mg/L	26	7	27%	0.36	0.06	1.38	0.04	7	2	29%	0.04	0.04	NA	NA
Nitrogen, Total Kjeldahl	mg/L	62	62	100%	2.36	1.70	6.00	0.70	37	37	100%	1.86	1.00	4.56	0.30
Nonachlor, trans-	ug/L	33	4	12%	0.05	0.05	0.06	0.03	16	0	0%	NA	NA	NA	NA
Oxychlordane	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Parathion, methyl	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 018	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 028	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 031	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 033	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 037	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA

		High Density Residential							Low Density Residential						
Parameter Code	Result Units	No. of Samples	No. of Detects	Percent Detects	Mean of Detects	Median of Detects	Upper 95th Percentile	Lower 95th Percentile	No. of Samples	No. of Detects	Percent Detects	Mean of Detects	Median of Detects	Upper 95th Percentile	Lower 95th Percentile
PCB 044	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 049	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 052	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 066	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 070	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 074	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 077	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 081	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 087	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 095	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 097	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 099	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 101	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 105	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 110	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 114	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 118	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 119	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 123	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 126	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 128	ug/L	7	0	0%	NA	NA	NA	NA	10	0	0%	NA	NA	NA	NA
PCB 128/167	ug/L	26	0	0%	NA	NA	NA	NA	4	0	0%	NA	NA	NA	NA
PCB 132/168	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 138	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 141	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 149	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 151	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 153	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 156	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 157	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 158	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 167	ug/L	7	0	0%	NA	NA	NA	NA	10	0	0%	NA	NA	NA	NA
PCB 169	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 170	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 177	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 180	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 183	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 187	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 189	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 194	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 200	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 201	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB 206	ug/L	33	0	0%	NA	NA	NA	NA	14	0	0%	NA	NA	NA	NA
PCB AROCLOR 1016	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB AROCLOR 1221	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB AROCLOR 1232	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB AROCLOR 1242	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

		High Density Residential							Low Density Residential						
Parameter Code	Result Units	No. of Samples	No. of Detects	Percent Detects	Mean of Detects	Median of Detects	Upper 95th Percentile	Lower 95th Percentile	No. of Samples	No. of Detects	Percent Detects	Mean of Detects	Median of Detects	Upper 95th Percentile	Lower 95th Percentile
PCB AROCLOR 1248	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB AROCLOR 1254	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB AROCLOR 1260	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	ug/L	42	17	40%	0.08	0.04	0.25	0.01	27	6	22%	0.02	0.02	0.04	0.01
Phenanthrene	ug/L	42	40	95%	0.27	0.08	0.57	0.02	27	27	100%	0.07	0.04	0.17	0.02
Phorate	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate as P	MG/L	40	32	80%	0.19	0.13	0.43	0.06	22	21	95%	0.09	0.09	0.11	0.06
Phosphorus as P	mg/l	35	17	49%	0.78	0.55	2.22	0.30	17	10	59%	0.71	0.64	0.99	0.57
Pyrene	ug/L	42	41	98%	0.33	0.08	0.98	0.02	27	27	100%	0.09	0.04	0.27	0.01
Selenium	ug/L	21	4	19%	0.55	0.54	0.62	0.50	NA	NA	NA	NA	NA	NA	NA
Silver	ug/L	66	16	24%	3.08	0.70	11.25	0.24	37	7	19%	1.63	1.20	3.75	0.25
Strontium	ug/L	21	21	100%	43.62	30.00	81.60	24.70	NA	NA	NA	NA	NA	NA	NA
Tetrachlorvinphos	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	ug/L	21	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tin	ug/L	21	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Titanium	ug/L	21	21	100%	33.61	11.50	141.00	5.39	NA	NA	NA	NA	NA	NA	NA
Tokuthion	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Coliforms	mpn/100mL	72	72	100%	329379	79305	1299700	10860	42	42	100%	115960	50660	594240	15815
Total Suspended Solids	mg/L	62	60	97%	46.56	18.00	162.05	3.96	38	38	100%	95.16	36.00	220.65	7.51
Toxaphene	ug/L	33	0	0%	NA	NA	NA	NA	16	0	0%	NA	NA	NA	NA
Trichloronate	ug/L	19	0	0%	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trimethylnaphthalene, 1,6,7-	ug/L	19	11	58%	0.04	0.03	0.06	0.01	NA	NA	NA	NA	NA	NA	NA
Trimethylnapthalene, 2,3,5-	ug/L	23	3	13%	0.04	0.03	0.06	0.03	27	12	44%	0.04	0.03	0.08	0.01
Vanadium	ug/L	21	21	100%	4.56	2.65	11.60	2.05	NA	NA	NA	NA	NA	NA	NA
Zinc	ug/L	66	66	100%	173.22	149.50	580.00	23.77	37	37	100%	88.27	66.00	155.40	31.20

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Acenaphthene	ug/L	38	2	5%	0.03	0.03	NA	NA	39	4	10%	0.06	0.06	0.09	0.02
Acenaphthylene	ug/L	38	2	5%	0.03	0.03	NA	NA	39	14	36%	0.04	0.03	0.09	0.01
Aldrin	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
Aluminum	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ammonia as N	mg/L	47	44	94%	1.07	0.58	4.72	0.25	55	55	100%	0.76	0.45	2.15	0.23
Anthracene	ug/L	39	14	36%	0.03	0.02	0.07	0.01	39	20	51%	0.03	0.02	0.11	0.00
Antimony	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	ug/L	47	34	72%	2.14	1.80	5.18	1.00	55	50	91%	2.91	2.05	4.80	1.05
Barium	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	ug/L	39	23	59%	0.06	0.01	0.25	0.00	39	28	72%	0.05	0.01	0.26	0.01
Benzo(a)pyrene	ug/L	38	14	37%	0.14	0.10	0.46	0.01	39	16	41%	0.06	0.03	0.21	0.01
Benzo(b)fluoranthene	ug/L	38	19	50%	0.11	0.06	0.40	0.01	39	18	46%	0.07	0.02	0.26	0.01
Benzo(e)pyrene	ug/L	39	21	54%	0.14	0.04	0.52	0.01	39	18	46%	0.08	0.03	0.28	0.01
Benzo(g,h,i)perylene	ug/L	38	21	55%	0.19	0.08	0.78	0.02	39	21	54%	0.11	0.05	0.29	0.02
Benzo(k)fluoranthene	ug/L	38	16	42%	0.14	0.11	0.43	0.01	39	18	46%	0.04	0.02	0.21	0.01
Beryllium	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Biphenyl	ug/L	38	15	39%	0.06	0.04	0.15	0.02	39	16	41%	0.04	0.04	0.08	0.00
Bolstar	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	ug/L	47	29	62%	1.15	0.90	3.92	0.24	55	49	89%	1.80	2.10	4.50	0.30
Chlordane, alpha-	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
Chlordane, gamma-	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
Chlorpyrifos	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	ug/L	47	26	55%	6.40	3.50	26.00	1.92	55	55	100%	6.54	5.15	14.30	2.27
Chrysene	ug/L	39	28	72%	0.14	0.05	0.51	0.01	39	33	85%	0.13	0.07	0.57	0.02
Cobalt	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	ug/L	47	47	100%	41.70	18.00	165.20	7.46	55	55	100%	72.41	40.50	243.00	7.90
DDD(o,p')	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
DDD(p,p')	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
DDE(o,p')	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
DDE(p,p')	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
DDT(o,p')	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
DDT(p,p')	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
Demeton-S	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diazinon	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	ug/L	38	5	13%	0.07	0.04	0.15	0.02	39	4	10%	0.11	0.11	0.18	0.03
Dibenzothiophene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorvos	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
Dimethoate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylnaphthalene, 2,6-	ug/L	38	10	26%	0.20	0.05	0.70	0.03	39	9	23%	0.05	0.04	0.12	0.02
Disulfoton	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E Coli	mpn/100mL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
Endosulfan II	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
Endosulfan Sulfate	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
Endrin	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
Endrin Aldehyde	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
Endrin Ketone	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Enterococcus	mpn/100mL	51	51	100%	115880.26	8600.00	479150.00	59.80	66	65	98%	26073.52	5200.00	74420.00	736.00
Ethoprop	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fecal Coliforms	mpn/100mL	51	44	86%	17703.84	5298.50	94920.00	12.35	66	65	98%	4213.98	1733.00	15500.00	321.60
Fenchlorphos	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fensulfothion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fenthion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	ug/L	45	40	89%	0.13	0.03	0.50	0.01	39	34	87%	0.17	0.07	0.62	0.02
Fluorene	ug/L	38	7	18%	0.09	0.06	0.18	0.03	39	9	23%	0.04	0.03	0.12	0.01
HCH, alpha	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
HCH, beta	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
HCH, delta	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
HCH, gamma	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
Heptachlor	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
Heptachlor Epoxide	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
Hexachlorobenzene	ug/L	6	0	0%	NA	NA	NA	NA	9	0	0%	NA	NA	NA	NA

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Indeno(1,2,3-c,d)pyrene	ug/L	38	12	32%	0.16	0.11	0.54	0.02	39	3	8%	0.13	0.16	0.17	0.08
Iron	ug/L	47	47	100%	1316.38	390.00	7682.00	70.00	55	55	100%	2586.55	1320.00	8044.00	401.00
Lead	ug/L	47	47	100%	23.32	4.20	158.90	0.90	55	55	100%	24.48	19.00	62.43	6.91
Malathion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Merphos	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
Methylnaphthalene, 1-	ug/L	38	11	29%	0.10	0.03	0.33	0.01	39	19	49%	0.04	0.03	0.08	0.01
Methylnaphthalene, 2-	ug/L	38	14	37%	0.13	0.05	0.53	0.01	39	19	49%	0.06	0.05	0.14	0.02
Methylphenanthrene, 1-	ug/L	38	11	29%	0.04	0.04	0.07	0.01	39	28	72%	0.06	0.04	0.16	0.01
Mevinphos	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mirex	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
Molybdenum	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ug/L	38	6	16%	0.07	0.04	0.18	0.01	39	19	49%	0.07	0.05	0.15	0.03
Nickel	ug/L	47	29	62%	12.29	9.50	39.00	3.22	55	52	95%	14.92	16.00	31.35	3.44
Nitrate + Nitrite as N	mg/L	33	32	97%	0.35	0.24	0.80	0.05	50	49	98%	0.32	0.29	0.84	0.04
Nitrate as N	MG/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrite as N	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Total Kjeldahl	mg/L	46	46	100%	2.88	1.71	7.92	0.53	55	55	100%	4.32	1.95	13.49	0.51
Nonachlor, trans-	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
Oxychlordane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Parathion, methyl	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 018	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 028	ug/L	6	0	0%	NA	NA	NA	NA	19	2	11%	0.07	0.07	NA	NA
PCB 031	ug/L	6	0	0%	NA	NA	NA	NA	19	2	11%	0.09	0.09	NA	NA
PCB 033	ug/L	6	0	0%	NA	NA	NA	NA	19	2	11%	0.06	0.06	NA	NA
PCB 037	ug/L	6	0	0%	NA	NA	NA	NA	19	2	11%	0.03	0.03	NA	NA
PCB 044	ug/L	6	0	0%	NA	NA	NA	NA	19	2	11%	0.09	0.09	NA	NA
PCB 049	ug/L	6	0	0%	NA	NA	NA	NA	19	2	11%	0.08	0.08	NA	NA
PCB 052	ug/L	6	0	0%	NA	NA	NA	NA	19	2	11%	0.08	0.08	NA	NA
PCB 066	ug/L	6	0	0%	NA	NA	NA	NA	19	2	11%	0.05	0.05	NA	NA
PCB 070	ug/L	6	0	0%	NA	NA	NA	NA	19	2	11%	0.07	0.07	NA	NA
PCB 074	ug/L	6	0	0%	NA	NA	NA	NA	19	2	11%	0.03	0.03	NA	NA
PCB 077	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 081	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 087	ug/L	6	0	0%	NA	NA	NA	NA	19	1	5%	0.03	0.03	NA	NA
PCB 095	ug/L	6	0	0%	NA	NA	NA	NA	19	2	11%	0.04	0.04	NA	NA
PCB 097	ug/L	6	0	0%	NA	NA	NA	NA	19	1	5%	0.07	0.07	NA	NA
PCB 099	ug/L	6	0	0%	NA	NA	NA	NA	19	2	11%	0.02	0.02	NA	NA
PCB 101	ug/L	6	0	0%	NA	NA	NA	NA	19	2	11%	0.06	0.06	NA	NA
PCB 105	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 110	ug/L	6	0	0%	NA	NA	NA	NA	19	2	11%	0.08	0.08	NA	NA
PCB 114	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 118	ug/L	6	0	0%	NA	NA	NA	NA	19	2	11%	0.07	0.07	NA	NA
PCB 119	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 123	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA

		Commercial							Industrial						
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PCB 126	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 128	ug/L	6	0	0%	NA	NA	NA	NA	9	0	0%	NA	NA	NA	NA
PCB 128/167	ug/L	NA	NA	NA	NA	NA	NA	NA	10	0	0%	NA	NA	NA	NA
PCB 132/168	ug/L	6	0	0%	NA	NA	NA	NA	19	1	5%	0.01	0.01	NA	NA
PCB 138	ug/L	6	0	0%	NA	NA	NA	NA	19	2	11%	0.08	0.08	NA	NA
PCB 141	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 149	ug/L	6	0	0%	NA	NA	NA	NA	19	1	5%	0.05	0.05	NA	NA
PCB 151	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 153	ug/L	6	0	0%	NA	NA	NA	NA	19	2	11%	0.03	0.03	NA	NA
PCB 156	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 157	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 158	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 167	ug/L	6	0	0%	NA	NA	NA	NA	9	0	0%	NA	NA	NA	NA
PCB 169	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 170	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 177	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 180	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 183	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 187	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 189	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 194	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 200	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 201	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB 206	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
PCB AROCLOR 1016	ug/L	NA	NA	NA	NA	NA	NA	NA	10	0	0%	NA	NA	NA	NA
PCB AROCLOR 1221	ug/L	NA	NA	NA	NA	NA	NA	NA	10	0	0%	NA	NA	NA	NA
PCB AROCLOR 1232	ug/L	NA	NA	NA	NA	NA	NA	NA	10	0	0%	NA	NA	NA	NA
PCB AROCLOR 1242	ug/L	NA	NA	NA	NA	NA	NA	NA	10	0	0%	NA	NA	NA	NA
PCB AROCLOR 1248	ug/L	NA	NA	NA	NA	NA	NA	NA	10	0	0%	NA	NA	NA	NA
PCB AROCLOR 1254	ug/L	NA	NA	NA	NA	NA	NA	NA	10	0	0%	NA	NA	NA	NA
PCB AROCLOR 1260	ug/L	NA	NA	NA	NA	NA	NA	NA	10	0	0%	NA	NA	NA	NA
Perylene	ug/L	39	13	33%	0.06	0.03	0.20	0.01	39	11	28%	0.04	0.03	0.08	0.01
Phenanthrene	ug/L	41	32	78%	0.14	0.04	0.57	0.01	39	29	74%	0.21	0.10	0.75	0.02
Phorate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate as P	MG/L	20	20	100%	0.08	0.08	0.14	0.05	27	27	100%	0.12	0.09	0.21	0.06
Phosphorus as P	mg/l	27	27	100%	0.99	0.50	2.77	0.22	28	28	100%	3.36	0.77	11.57	0.24
Pyrene	ug/L	42	37	88%	0.18	0.04	0.68	0.01	39	35	90%	0.20	0.10	0.68	0.02
Selenium	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	ug/L	47	15	32%	1.30	1.00	3.21	0.20	55	7	13%	1.04	0.70	2.99	0.20
Strontium	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachlorvinphos	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Titanium	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tokuthion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Coliforms	mpn/100mL	51	51	100%	528034	88932	2419200	3558	66	65	98%	185664	88200	876540	4021
Total Suspended Solids	mg/L	47	46	98%	56.87	26.50	275.75	9.00	57	57	100%	89.60	43.00	248.60	12.80

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Toxaphene	ug/L	6	0	0%	NA	NA	NA	NA	19	0	0%	NA	NA	NA	NA
Trichloronate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trimethylnaphthalene, 1,6,7-	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trimethylnapthalene, 2,3,5-	ug/L	38	3	8%	0.22	0.20	0.32	0.15	39	7	18%	0.05	0.03	0.12	0.02
Vanadium	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	ug/L	47	47	100%	371.98	188.00	1268.00	63.30	55	55	100%	597.47	493.50	1279.00	204.40

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Acenaphthene	ug/L	11	1	9%	0.01	0.01	NA	NA	20	1	5%	0.08	0.08	NA	NA
Acenaphthylene	ug/L	11	2	18%	0.01	0.01	NA	NA	20	0	0%	NA	NA	NA	NA
Aldrin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aluminum	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ammonia as N	mg/L	20	20	100%	1.07	1.06	1.47	0.71	20	20	100%	0.69	0.49	1.02	0.32
Anthracene	ug/L	11	8	73%	0.01	0.01	0.03	0.01	19	7	37%	0.02	0.01	0.05	0.00
Antimony	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	ug/L	20	20	100%	4.44	4.65	5.61	2.86	20	3	15%	3.03	1.20	6.33	1.02
Barium	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benz(a)anthracene	ug/L	11	2	18%	0.09	0.09	NA	NA	20	12	60%	0.02	0.02	0.04	0.01
Benzo(a)pyrene	ug/L	11	11	100%	0.03	0.02	0.10	0.01	20	11	55%	0.03	0.02	0.07	0.01
Benzo(b)fluoranthene	ug/L	11	11	100%	0.06	0.04	0.19	0.02	20	11	55%	0.04	0.02	0.09	0.01
Benzo(e)pyrene	ug/L	11	11	100%	0.04	0.02	0.10	0.01	20	12	60%	0.03	0.02	0.05	0.01
Benzo(g,h,i)perylene	ug/L	11	6	55%	0.03	0.02	0.05	0.01	20	12	60%	0.05	0.04	0.10	0.02
Benzo(k)fluoranthene	ug/L	11	11	100%	0.02	0.01	0.06	0.01	20	10	50%	0.03	0.02	0.05	0.01
Beryllium	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Biphenyl	ug/L	11	1	9%	0.01	0.01	NA	NA	20	3	15%	0.02	0.02	0.03	0.01
Bolstar	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	ug/L	20	3	15%	0.63	0.60	0.78	0.51	20	10	50%	0.55	0.25	1.76	0.20
Chlordane, alpha-	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlordane, gamma-	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorpyrifos	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	ug/L	20	20	100%	15.60	13.50	27.25	8.76	20	13	65%	6.42	2.40	24.60	1.18
Chrysene	ug/L	11	11	100%	0.07	0.04	0.18	0.03	20	16	80%	0.05	0.04	0.15	0.01
Cobalt	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	ug/L	20	20	100%	32.85	32.00	43.75	22.00	20	20	100%	20.03	10.50	37.00	5.96
DDD(o,p')	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DDD(p,p')	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DDE(o,p')	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DDE(p,p')	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DDT(o,p')	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DDT(p,p')	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Demeton-S	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diazinon	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	ug/L	11	1	9%	0.02	0.02	NA	NA	20	0	0%	NA	NA	NA	NA

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Dibenzothiophene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorvos	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethoate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylnaphthalene, 2,6-	ug/L	11	0	0%	NA	NA	NA	NA	20	1	5%	0.05	0.05	NA	NA
Disulfoton	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E Coli	mpn/100mL	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan Sulfate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Aldehyde	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Endrin Ketone	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Enterococcus	mpn/100mL	24	24	100%	110114.50	54850.00	511055.00	15360.60	23	22	96%	9022.32	6107.00	23975.55	2051.45
Ethoprop	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fecal Coliforms	mpn/100mL	24	24	100%	387629.33	448150.00	920250.00	813.30	23	23	100%	3091.17	1000.00	14525.40	21.00
Fenchlorphos	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fensulfothion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fenthion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	ug/L	11	11	100%	0.11	0.08	0.25	0.06	20	20	100%	0.06	0.05	0.13	0.02
Fluorene	ug/L	11	5	45%	0.01	0.01	0.01	0.01	20	5	25%	0.03	0.03	0.04	0.02
HCH, alpha	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HCH, beta	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HCH, delta	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HCH, gamma	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor Epoxide	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-c,d)pyrene	ug/L	11	7	64%	0.03	0.02	0.08	0.01	20	4	20%	0.02	0.02	0.04	0.01
Iron	ug/L	20	20	100%	12666.00	11200.00	20580.00	6651.50	20	17	85%	377.65	310.00	980.00	38.00
Lead	ug/L	20	20	100%	13.29	11.65	21.95	7.81	20	20	100%	4.56	3.25	8.23	1.59
Malathion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Merphos	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylnaphthalene, 1-	ug/L	11	0	0%	NA	NA	NA	NA	20	1	5%	0.18	0.18	NA	NA
Methylnaphthalene, 2-	ug/L	11	2	18%	0.01	0.01	NA	NA	20	1	5%	0.31	0.31	NA	NA
Methylphenanthrene, 1-	ug/L	11	6	55%	0.01	0.01	0.02	0.01	20	8	40%	0.03	0.02	0.07	0.01
Mevinphos	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mirex	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Molybdenum	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ug/L	11	0	0%	NA	NA	NA	NA	20	2	10%	0.29	0.29	NA	NA
Nickel	ug/L	20	20	100%	16.19	15.00	25.15	10.94	20	10	50%	6.31	3.25	19.71	2.23
Nitrate + Nitrite as N	mg/L	20	20	100%	1.05	1.00	2.09	0.06	21	18	86%	0.25	0.12	0.64	0.02
Nitrate as N	MG/L	23	23	100%	0.99	0.98	1.74	0.02	NA	NA	NA	NA	NA	NA	NA
Nitrite as N	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

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Nitrogen, Total Kjeldahl	mg/L	20	20	100%	7.11	7.30	9.98	2.37	20	20	100%	2.27	1.20	3.48	0.58
Nonachlor, trans-	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxychlordane	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Parathion, methyl	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 018	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 028	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 031	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 033	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 037	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 044	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 049	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 052	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 066	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 070	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 074	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 077	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 081	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 087	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 095	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 097	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 099	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 101	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 105	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 110	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 114	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 118	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 119	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 123	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 126	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 128	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 128/167	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 132/168	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 138	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 141	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 149	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 151	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 153	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 156	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 157	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 158	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 167	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 169	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 170	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 177	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 180	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 183	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 187	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

		Recreation							Transportation						
ParameterCode	ResultUnits	No. of Samples	No. of Detects	Percent Detects	Mean of Detects	Median of Detects	Upper 95th Percentile	Lower 95th Percentile	No. of Samples	No. of Detects	Percent Detects	Mean of Detects	Median of Detects	Upper 95th Percentile	Lower 95th Percentile
PCB 189	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 194	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 200	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 201	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 206	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB AROCLOR 1016	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB AROCLOR 1221	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB AROCLOR 1232	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB AROCLOR 1242	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB AROCLOR 1248	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB AROCLOR 1254	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB AROCLOR 1260	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Perylene	ug/L	11	6	55%	0.02	0.01	0.03	0.01	20	4	20%	0.02	0.02	0.04	0.01
Phenanthrene	ug/L	11	11	100%	0.05	0.03	0.10	0.02	20	19	95%	0.07	0.05	0.18	0.02
Phorate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phosphate as P	MG/L	44	44	100%	2.45	0.66	6.84	0.02	10	10	100%	0.03	0.03	0.05	0.02
Phosphorus as P	mg/l	NA	NA	NA	NA	NA	NA	NA	10	10	100%	0.71	0.53	1.78	0.31
Pyrene	ug/L	11	11	100%	0.09	0.06	0.22	0.05	20	20	100%	0.07	0.07	0.20	0.02
Selenium	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	ug/L	20	6	30%	2.27	1.80	4.52	0.83	20	2	10%	0.20	0.20	NA	NA
Strontium	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachlorvinphos	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tin	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Titanium	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tokuthion	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Coliforms	mpn/100mL	24	24	100%	1206826	701550	1705900	11188	23	23	100%	157852	25000	685060	4377
Total Suspended Solids	mg/L	17	17	100%	361.29	300.00	1078.80	131.20	20	17	85%	25.29	18.00	69.60	8.40
Toxaphene	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloronate	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trimethylnaphthalene, 1,6,7-	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trimethylnapthalene, 2,3,5-	ug/L	11	0	0%	NA	NA	NA	NA	20	2	10%	0.03	0.03	NA	NA
Vanadium	ug/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	ug/L	20	20	100%	128.45	125.00	181.55	77.60	20	20	100%	162.30	93.50	311.50	57.45

Notes
NA = Not enough data above detection limit collected to develop summary statistics.

Summary of Stormwater Runoff by Land Use Categories Sampled by Los Angeles County Department of Public Works and Presented in the 2000 report titled "Los Angeles County 1994-2000 Integrated Receiving Water Impacts Report

Constituents	Data Included Since[a]	DL	Units	Commercial						Vacant					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Cyanide	96	0.01	mg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	15	15	0	S.I.D.	S.I.D.	S.I.D.
TPH	94	1	mg/l	8	2	75	3.1	2.9	0.63	21	19	10	S.I.D.	S.I.D.	S.I.D.
Oil and Grease	94	1	mg/l	8	1	88	3.3	2.9	0.51	21	17	19	S.I.D.	S.I.D.	S.I.D.
Total Phenols	94	0.1	mg/l	8	8	0	S.I.D.	S.I.D.	S.I.D.	21	21	0	S.I.D.	S.I.D.	S.I.D.
Total Coliform	94	20	MPN/100ml	8	0	100	1,140,000	1,250,000	0.71	21	1	95	9,187	2,200	1.25
Fecal Coliform	94	20	MPN/100ml	8	0	100	528,750	90,000	1.35	21	2	90	1,397	500	2.6
Ratio Fecal Coliform/Total Coliform	94			0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	0	100	52%	64%	0.79
Fecal Streptococcus	94	20	MPN/100ml	8	0	100	212,875	150,000	1.37	21	1	95	2,254	800	1.57
Fecal Enterococcus	94	20	MPN/100ml	8	0	100	86,250	40,000	1.18	21	1	95	679	500	0.98
Ammonia	94	0.1	mg/l	33	7	79	1.26	0.3	2.11	41	27	34	0.13	0.05	2.48
Calcium	96	1	mg/l	30	0	100	19	11	0.86	39	0	100	50	50	0.09
Magnesium	96	1	mg/l	30	0	100	6.8	3.9	0.92	39	0	100	15	16	0.26
Potassium	94	1	mg/l	36	0	100	4	2.8	0.81	45	0	100	2.4	2.4	0.22
Sodium	96	1	mg/l	33	0	100	37	19	1.03	45	0	100	13	14	0.2
Bicarbonate	94	2	mg/l	33	0	100	48	21	0.93	42	0	100	175	176	0.15
Carbonate	94	2	mg/l	33	33	0	S.I.D.	S.I.D.	S.I.D.	42	36	14	S.I.D.	S.I.D.	S.I.D.
Chloride	94	2	mg/l	33	0	100	50	15.8	1.28	43	0	100	6.6	6.5	0.26
Fluoride	94	0.1	mg/l	33	18	45	0.13	0.05	0.81	43	0	100	0.37	0.36	0.21
Nitrate	94	0.1	mg/l	33	1	97	2.6	2	0.63	43	0	100	5.2	4.6	0.56
Sulfate	94	0.1	mg/l	33	0	100	35	11	1.18	43	0	100	17	15	0.4
Alkalinity	94	4	mg/l	33	0	100	48	21	0.93	42	0	100	169	174	0.13
Hardness	96	2	mg/l	30	0	100	76	42	0.87	39	0	100	185	190	0.11
COD	97	5	mg/l	24	0	100	98	89	0.8	34	15	56	17	11	1.35
pH	94	0-14		33	0	100	7	6.8	0.07	42	0	100	8.1	8.1	0.03
Specific Conductance	94	1	umhos/cm	31	0	100	356	167	0.99	38	0	100	386	390	0.11
Total Dissolved Solids	96	2	mg/l	29	0	100	226	106	0.93	36	0	100	237	240	0.09
Turbidity	94	0.1	NTU	33	0	100	31	24	0.67	41	0	100	69	5.6	2.3
Total Suspended Solids	96	2	mg/l	29	0	100	66	53	0.65	39	1	97	186	18	3.27
Volatile Suspended Solids	94	1	mg/l/hr	31	0	100	32	29	0.54	41	7	83	36	12	2.48
MBAS	97	0.05	mg/l	22	11	50	0.18	0.04	1.52	30	30	0	S.I.D.	S.I.D.	S.I.D.
Total Organic Carbon	94	1	mg/l	35	0	100	10	7.3	0.74	43	0	100	5.3	3.6	0.84
BOD	94	2	mg/l	26	1	96	27	24	0.58	39	4	90	12	5	1.01
Dissolved Phosphorus	94	0.05	mg/l	33	1	97	0.3	0.19	0.86	37	21	43	0.11	0.03	3.38
Total Phosphorus	94	0.05	mg/l	32	1	97	0.39	0.28	0.77	39	16	59	0.16	0.05	2.63
NH3-N	94	0.1	mg/l	33	8	76	1.04	0.25	2.11	41	30	27	0.11	0.05	2.41
Nitrate-N	96	0.1	mg/l	31	7	77	0.48	0.43	0.82	40	1	98	1.05	0.94	0.53
Nitrite-N	94	0.1	mg/l	34	7	79	0.16	0.07	1.74	43	30	30	0.05	0.05	0.2
TKN	96	0.1	mg/l	32	0	100	3.4	2.2	0.94	40	0	100	0.79	0.68	0.6

Constituents	Data Included Since[a]	DL	Units	Commercial						Vacant					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Dissolved Aluminum	96	100	ug/L	33	24	27	241	50	3.19	42	29	31	190	50	2.39
Total Aluminum	96	100	ug/L	33	8	76	4055	295	4.87	42	13	69	1681	234	5.25
Dissolved Antimony	97	5	ug/L	24	24	0	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.
Total Antimony	97	5	ug/L	24	24	0	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Arsenic	97	5	ug/L	24	23	4	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.
Total Arsenic	97	5	ug/L	24	22	8	S.I.D.	S.I.D.	S.I.D.	34	32	6	S.I.D.	S.I.D.	S.I.D.
Dissolved Barium	97	10	ug/L	24	2	92	39	33	0.81	34	2	94	57	58	0.41
Total Barium	97	10	ug/L	24	2	92	114	41	2.64	34	2	94	83	62	1.59
Dissolved Beryllium	97	1	ug/L	17	17	0	S.I.D.	S.I.D.	S.I.D.	22	22	0	S.I.D.	S.I.D.	S.I.D.
Total Beryllium	97	1	ug/L	24	23	4	S.I.D.	S.I.D.	S.I.D.	34	33	3	S.I.D.	S.I.D.	S.I.D.
Dissolved Boron	97	100	ug/L	24	3	88	198	188	0.49	32	14	56	121	116	0.65
Total Boron	97	100	ug/L	24	1	96	261	254	0.41	32	8	75	178	170	0.59
Dissolved Cadmium	97	1	ug/L	24	21	13	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.
Total Cadmium	97	1	ug/L	24	19	21	0.73	0.5	0.71	34	34	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Chromium	97	5	ug/L	24	24	0	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.
Total Chromium	97	5	ug/L	24	18	25	27	2.5	4.18	34	33	3	S.I.D.	S.I.D.	S.I.D.
Dissolved Chromium +6	94	10	ug/L	33	33	0	S.I.D.	S.I.D.	S.I.D.	41	41	0	S.I.D.	S.I.D.	S.I.D.
Total Chromium +6	94	10	ug/L	33	33	0	S.I.D.	S.I.D.	S.I.D.	41	41	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Copper	97	5	ug/L	24	3	88	14	11	0.84	34	31	9	S.I.D.	S.I.D.	S.I.D.
Total Copper	97	5	ug/L	24	0	100	39	22	1.57	34	15	56	15	5.5	3.14
Dissolved Iron	94	100	ug/L	39	17	56	382	106	2.81	45	35	22	202	50	3.27
Total Iron	94	100	ug/L	40	2	95	5319	587	5.24	45	14	69	3003	233	5.23
Dissolved Lead	97	5	ug/L	24	20	17	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.
Total Lead	97	5	ug/L	24	15	38	18	2.5	2.8	34	31	9	S.I.D.	S.I.D.	S.I.D.
Dissolved Manganese	98	100	ug/L	14	14	0	S.I.D.	S.I.D.	S.I.D.	18	18	0	S.I.D.	S.I.D.	S.I.D.
Total Manganese	98	100	ug/L	14	13	7	S.I.D.	S.I.D.	S.I.D.	18	14	22	67	50	0.48
Dissolved Mercury	94	1	ug/L	37	35	5	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Total Mercury	94	1	ug/L	37	35	5	S.I.D.	S.I.D.	S.I.D.	43	42	2	S.I.D.	S.I.D.	S.I.D.
Dissolved Nickel	97	5	ug/L	24	21	13	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.
Total Nickel	97	5	ug/L	24	16	33	15	2.5	3.69	34	29	15	S.I.D.	S.I.D.	S.I.D.
Dissolved Selenium	94	5	ug/L	40	40	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Total Selenium	94	5	ug/L	40	35	13	S.I.D.	S.I.D.	S.I.D.	45	44	2	S.I.D.	S.I.D.	S.I.D.
Dissolved Silver	97	1	ug/L	24	23	4	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.
Total Silver	97	1	ug/L	24	22	8	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Thallium	97	5	ug/L	24	24	0	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.
Total Thallium	97	5	ug/L	24	24	0	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Zinc	94	50	ug/L	40	4	90	152	130	0.66	45	43	4	S.I.D.	S.I.D.	S.I.D.
Total Zinc	94	50	ug/L	40	0	100	241	192	0.71	45	33	27	46	25	1.67
Bis(2-ethylhexyl)phthalate	99	1	ug/L	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Acenaphthene	99	0.05	ug/L	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.

Constituents	Data Included Since[a]	DL	Units	Commercial						Vacant					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Acenaphthylene	99	0.05	ug/L	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	6	14	S.I.D.	S.I.D.	S.I.D.
Antracene	99	0.05	ug/L	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Benzo(a)anthracene	99	0.1	ug/L	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Benzo(a)pyrene	99	0.1	ug/L	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Benzo(b)fluoranthene	99	0.1	ug/L	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Benzo(k)fluoranthene	99	0.1	ug/L	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Chrysene	99	0.1	ug/L	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Dibenz(a,h)anthracene	99	0.1	ug/L	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Fluoranthene	99	0.1	ug/L	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	6	14	S.I.D.	S.I.D.	S.I.D.
Fluorene	99	0.1	ug/L	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Indeno (1,2,3-cd)pyrene	99	0.1	ug/L	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Naphthalene	99	0.05	ug/L	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	6	14	S.I.D.	S.I.D.	S.I.D.
Phenanthrene	99	0.05	ug/L	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Pyrene	99	0.05	ug/L	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	7	6	14	S.I.D.	S.I.D.	S.I.D.
All other SVOCs	94	0.05-5.0	ug/L	23	23	0	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.
Organochlorine Pesticides & PCBs	94	0.05-1.0	ug/L	19	19	0	S.I.D.	S.I.D.	S.I.D.	38	38	0	S.I.D.	S.I.D.	S.I.D.
Carbofuran	96	5	ug/L	28	28	0	S.I.D.	S.I.D.	S.I.D.	38	38	0	S.I.D.	S.I.D.	S.I.D.
Glyphosate	98	25	ug/L	14	14	0	S.I.D.	S.I.D.	S.I.D.	18	18	0	S.I.D.	S.I.D.	S.I.D.
Diazinon	96	0.01	ug/L	24	21	13	S.I.D.	S.I.D.	S.I.D.	36	36	0	S.I.D.	S.I.D.	S.I.D.
Chlorpyrifos	96	0.05	ug/L	24	24	0	S.I.D.	S.I.D.	S.I.D.	36	36	0	S.I.D.	S.I.D.	S.I.D.
Thiobencarb	96	1	ug/L	24	24	0	S.I.D.	S.I.D.	S.I.D.	36	36	0	S.I.D.	S.I.D.	S.I.D.
All other N- and P- Pesticides	94	1.0-2.0	ug/L	28	28	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
2,4-D	96	10	ug/L	17	17	0	S.I.D.	S.I.D.	S.I.D.	35	35	0	S.I.D.	S.I.D.	S.I.D.
2,4,5-TP	96	1	ug/L	17	17	0	S.I.D.	S.I.D.	S.I.D.	35	35	0	S.I.D.	S.I.D.	S.I.D.
Bentazon	96	2	ug/L	17	17	0	S.I.D.	S.I.D.	S.I.D.	35	35	0	S.I.D.	S.I.D.	S.I.D.

Constituents	Data Included Since[a]	DL	Units	Transportation						Light Industrial					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Cyanide	96	0.01	mg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
TPH	94	1	mg/l	4	0	100	3.1	2.8	0.47	5	1	80	1.7	1.4	0.68
Oil and Grease	94	1	mg/l	4	0	100	3.1	2.8	0.47	5	1	80	1.7	1.4	0.68
Total Phenols	94	0.1	mg/l	4	4	0	S.I.D.	S.I.D.	S.I.D.	5	5	0	S.I.D.	S.I.D.	S.I.D.
Total Coliform	94	20	MPN/100ml	4	0	100	692,500	600,000	0.82	5	0	100	454,000	160,000	1.42
Fecal Coliform	94	20	MPN/100ml	4	0	100	328,750	205,000	1.22	5	0	100	338,220	30,000	2.09
Ratio Fecal Coliform/Total Coliform	94			0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Fecal Streptococcus	94	20	MPN/100ml	4	0	100	176,000	195,000	0.68	5	0	100	253,000	160,000	1.46
Fecal Enterococcus	94	20	MPN/100ml	4	0	100	32,000	32,000	0.65	5	0	100	98,200	130,000	0.73
Ammonia	94	0.1	mg/l	62	16	74	0.29	0.16	1.52	47	7	85	0.59	0.32	1.35
Calcium	96	1	mg/l	61	0	100	8.4	7.7	0.46	40	0	100	12	8.8	1.01
Magnesium	96	1	mg/l	61	4	93	1.6	1.5	0.48	40	0	100	2.3	1.9	1.13

Constituents	Data Included Since[a]	DL	Units	Transportation						Light Industrial					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Potassium	94	1	mg/l	63	2	97	2.1	1.7	0.56	50	1	98	2.7	2.2	0.59
Sodium	96	1	mg/l	62	0	100	8.3	6.4	0.81	47	0	100	14	12	0.69
Bicarbonate	94	2	mg/l	63	0	100	20	18	0.57	47	0	100	26	20	0.92
Carbonate	94	2	mg/l	63	63	0	S.I.D.	S.I.D.	S.I.D.	47	47	0	S.I.D.	S.I.D.	S.I.D.
Chloride	94	2	mg/l	64	3	95	5.6	4.4	0.82	47	0	100	12	8.6	0.8
Fluoride	94	0.1	mg/l	64	41	36	0.1	0.05	0.97	47	22	53	0.13	0.11	0.94
Nitrate	94	0.1	mg/l	64	2	97	2.9	1.8	1.27	47	0	100	4.1	2.4	1.09
Sulfate	94	0.1	mg/l	64	0	100	9.5	6.4	1.07	47	0	100	12.6	9.2	1.02
Alkalinity	94	4	mg/l	63	0	100	20	16	0.55	47	0	100	25	19	0.94
Hardness	96	2	mg/l	61	0	100	27	24	0.46	40	0	100	39	30	1.02
COD	97	5	mg/l	52	7	87	50	33	0.99	36	4	89	80	51	0.92
pH	94	0-14		63	0	100	6.7	6.6	0.05	47	0	100	6.8	6.8	0.06
Specific Conductance	94	1	umhos/cm	63	0	100	99	84	0.66	43	0	100	147	119	0.77
Total Dissolved Solids	96	2	mg/l	61	0	100	62	54	0.69	40	0	100	95	77	0.8
Turbidity	94	0.1	NTU	64	0	100	31	22	1.25	47	0	100	76	55	1.59
Total Suspended Solids	96	2	mg/l	61	0	100	78	50	1.3	41	0	100	240	129	1.36
Volatile Suspended Solids	94	1	mg/l/hr	63	1	98	31	20	1.22	43	0	100	57	46	0.79
MBAS	97	0.05	mg/l	51	30	41	2.6	0.025	6.95	32	10	69	0.13	0.11	0.9
Total Organic Carbon	94	1	mg/l	63	0	100	8.7	6.8	0.71	47	0	100	11.9	9.8	0.77
BOD	94	2	mg/l	54	0	100	21	19	0.8	37	0	100	20	17	0.67
Dissolved Phosphorus	94	0.05	mg/l	59	3	95	0.34	0.28	0.79	46	4	91	0.27	0.2	1.01
Total Phosphorus	94	0.05	mg/l	59	1	98	0.44	0.32	0.84	45	2	96	0.41	0.3	0.92
NH3-N	94	0.1	mg/l	62	19	69	0.24	0.14	1.51	48	9	81	0.48	0.26	1.36
Nitrate-N	96	0.1	mg/l	61	15	75	0.7	0.4	1.68	43	2	95	0.87	0.52	1.32
Nitrite-N	94	0.1	mg/l	64	10	84	0.09	0.06	0.72	47	9	81	0.09	0.06	0.73
TKN	96	0.1	mg/l	61	0	100	1.9	1.3	0.93	45	0	100	3	2.3	0.72
Dissolved Aluminum	96	100	ug/L	62	29	53	159	107	1.18	47	23	51	460	117	1.96
Total Aluminum	96	100	ug/L	63	10	84	672	354	1.65	47	7	85	1824	470	2.37
Dissolved Antimony	97	5	ug/L	54	53	2	S.I.D.	S.I.D.	S.I.D.	37	37	0	S.I.D.	S.I.D.	S.I.D.
Total Antimony	97	5	ug/L	54	53	2	S.I.D.	S.I.D.	S.I.D.	37	37	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Arsenic	97	5	ug/L	54	54	0	S.I.D.	S.I.D.	S.I.D.	37	37	0	S.I.D.	S.I.D.	S.I.D.
Total Arsenic	97	5	ug/L	54	52	4	S.I.D.	S.I.D.	S.I.D.	37	34	8	S.I.D.	S.I.D.	S.I.D.
Dissolved Barium	97	10	ug/L	54	15	72	19	17	0.75	37	6	84	34	26	0.81
Total Barium	97	10	ug/L	54	9	83	34	27	0.88	37	4	89	68	36	1.38
Dissolved Beryllium	97	1	ug/L	40	40	0	S.I.D.	S.I.D.	S.I.D.	34	34	0	S.I.D.	S.I.D.	S.I.D.
Total Beryllium	97	1	ug/L	54	54	0	S.I.D.	S.I.D.	S.I.D.	37	37	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Boron	97	100	ug/L	54	16	70	146	132	0.55	37	18	51	122	102	0.71
Total Boron	97	100	ug/L	54	5	91	219	214	0.5	36	10	72	187	181	0.63
Dissolved Cadmium	97	1	ug/L	54	50	7	S.I.D.	S.I.D.	S.I.D.	37	34	8	S.I.D.	S.I.D.	S.I.D.
Total Cadmium	97	1	ug/L	54	32	41	1.1	0.5	1.04	37	30	19	S.I.D.	S.I.D.	S.I.D.

Constituents	Data Included Since[a]	DL	Units	Transportation						Light Industrial					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Dissolved Chromium	97	5	ug/L	54	51	6	S.I.D.	S.I.D.	S.I.D.	37	33	11	S.I.D.	S.I.D.	S.I.D.
Total Chromium	97	5	ug/L	54	40	26	4.8	2.5	1.15	37	25	32	6.8	2.5	1.6
Dissolved Chromium +6	94	10	ug/L	63	63	0	S.I.D.	S.I.D.	S.I.D.	47	47	0	S.I.D.	S.I.D.	S.I.D.
Total Chromium +6	94	10	ug/L	63	63	0	S.I.D.	S.I.D.	S.I.D.	47	47	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Copper	97	5	ug/L	54	0	100	33	27	0.63	37	5	86	20	14	1.07
Total Copper	97	5	ug/L	54	0	100	56	39	1.15	37	0	100	32	21	1.03
Dissolved Iron	94	100	ug/L	65	34	48	200	50	1.9	51	25	51	698	104	2.99
Total Iron	94	100	ug/L	65	2	97	1188	512	1.74	51	5	90	6504	600	4.26
Dissolved Lead	97	5	ug/L	54	48	11	S.I.D.	S.I.D.	S.I.D.	37	32	14	S.I.D.	S.I.D.	S.I.D.
Total Lead	97	5	ug/L	54	29	46	10	2.5	1.57	37	18	51	17	5.1	1.88
Dissolved Manganese	98	100	ug/L	27	25	7	S.I.D.	S.I.D.	S.I.D.	26	23	12	S.I.D.	S.I.D.	S.I.D.
Total Manganese	98	100	ug/L	27	25	7	S.I.D.	S.I.D.	S.I.D.	26	23	12	S.I.D.	S.I.D.	S.I.D.
Dissolved Mercury	94	1	ug/L	63	63	0	S.I.D.	S.I.D.	S.I.D.	48	48	0	S.I.D.	S.I.D.	S.I.D.
Total Mercury	94	1	ug/L	63	62	2	S.I.D.	S.I.D.	S.I.D.	48	45	6	S.I.D.	S.I.D.	S.I.D.
Dissolved Nickel	97	5	ug/L	54	41	24	3.9	2.5	0.93	37	23	38	5	2.5	0.9
Total Nickel	97	5	ug/L	54	29	46	6	2.5	1.07	37	15	59	9.8	6	1.47
Dissolved Selenium	94	5	ug/L	65	65	0	S.I.D.	S.I.D.	S.I.D.	51	51	0	S.I.D.	S.I.D.	S.I.D.
Total Selenium	94	5	ug/L	65	61	6	S.I.D.	S.I.D.	S.I.D.	51	48	6	S.I.D.	S.I.D.	S.I.D.
Dissolved Silver	97	1	ug/L	54	54	0	S.I.D.	S.I.D.	S.I.D.	37	37	0	S.I.D.	S.I.D.	S.I.D.
Total Silver	97	1	ug/L	54	54	0	S.I.D.	S.I.D.	S.I.D.	37	37	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Thallium	97	5	ug/L	54	54	0	S.I.D.	S.I.D.	S.I.D.	37	37	0	S.I.D.	S.I.D.	S.I.D.
Total Thallium	97	5	ug/L	54	54	0	S.I.D.	S.I.D.	S.I.D.	37	37	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Zinc	94	50	ug/L	65	5	92	192	152	0.74	51	3	94	407	303	1.18
Total Zinc	94	50	ug/L	65	0	100	291	218	0.99	51	0	100	639	366	1.53
Bis(2-ethylhexyl)phthalate	99	1	ug/L	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Acenaphthene	99	0.05	ug/L	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Acenaphthylene	99	0.05	ug/L	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Antracene	99	0.05	ug/L	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Benzo(a)anthracene	99	0.1	ug/L	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Benzo(a)pyrene	99	0.1	ug/L	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Benzo(b)fluoranthene	99	0.1	ug/L	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Benzo(k)fluoranthene	99	0.1	ug/L	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Chrysene	99	0.1	ug/L	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Dibenz(a,h)anthracene	99	0.1	ug/L	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Fluoranthene	99	0.1	ug/L	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Fluorene	99	0.1	ug/L	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Indeno (1,2,3-cd)pyrene	99	0.1	ug/L	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Naphthalene	99	0.05	ug/L	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Phenanthrene	99	0.05	ug/L	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Pyrene	99	0.05	ug/L	1	1	0	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.

Constituents	Data Included Since[a]	DL	Units	Transportation						Light Industrial					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
All other SVOCs	94	0.05-5.0	ug/L	40	40	0	S.I.D.	S.I.D.	S.I.D.	24	24	0	S.I.D.	S.I.D.	S.I.D.
Organochlorine Pesticides & PCBs	94	0.05-1.0	ug/L	37	37	0	S.I.D.	S.I.D.	S.I.D.	20	20	0	S.I.D.	S.I.D.	S.I.D.
Carbofuran	96	5	ug/L	60	60	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Glyphosate	98	25	ug/L	27	25	7	S.I.D.	S.I.D.	S.I.D.	26	26	0	S.I.D.	S.I.D.	S.I.D.
Diazinon	96	0.01	ug/L	57	56	2	S.I.D.	S.I.D.	S.I.D.	40	40	0	S.I.D.	S.I.D.	S.I.D.
Chlorpyrifos	96	0.05	ug/L	57	57	0	S.I.D.	S.I.D.	S.I.D.	40	40	0	S.I.D.	S.I.D.	S.I.D.
Thiobencarb	96	1	ug/L	57	57	0	S.I.D.	S.I.D.	S.I.D.	40	40	0	S.I.D.	S.I.D.	S.I.D.
All other N- and P- Pesticides	94	1.0-2.0	ug/L	58	58	0	S.I.D.	S.I.D.	S.I.D.	43	43	0	S.I.D.	S.I.D.	S.I.D.
2,4-D	96	10	ug/L	37	37	0	S.I.D.	S.I.D.	S.I.D.	22	22	0	S.I.D.	S.I.D.	S.I.D.
2,4,5-TP	96	1	ug/L	37	37	0	S.I.D.	S.I.D.	S.I.D.	22	22	0	S.I.D.	S.I.D.	S.I.D.
Bentazon	96	2	ug/L	37	37	0	S.I.D.	S.I.D.	S.I.D.	22	22	0	S.I.D.	S.I.D.	S.I.D.

Constituents	Data Included Since[a]	DL	Units	Multifamily Residential						Mixed Residential					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Cyanide	96	0.01	mg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	1	0	100	S.I.D.	S.I.D.	S.I.D.
TPH	94	1	mg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	1	0	100	S.I.D.	S.I.D.	S.I.D.
Oil and Grease	94	1	mg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Total Phenols	94	0.1	mg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	1	1	0	S.I.D.	S.I.D.	S.I.D.
Total Coliform	94	20	MPN/100ml	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	1	0	100	S.I.D.	S.I.D.	S.I.D.
Fecal Coliform	94	20	MPN/100ml	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	1	0	100	S.I.D.	S.I.D.	S.I.D.
Ratio Fecal Coliform/Total Coliform	94			0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Fecal Streptococcus	94	20	MPN/100ml	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	1	0	100	S.I.D.	S.I.D.	S.I.D.
Fecal Enterococcus	94	20	MPN/100ml	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Ammonia	94	0.1	mg/l	38	9	76	0.47	0.29	1.44	42	4	90	0.67	0.39	1.13
Calcium	96	1	mg/l	35	0	100	19.3	8	1.2	39	1	97	7.5	6.4	0.7
Magnesium	96	1	mg/l	35	9	74	3.3	1.9	1.24	39	7	82	1.7	1.5	0.82
Potassium	94	1	mg/l	44	4	91	2.3	2.1	0.65	45	6	87	2.2	2.1	0.89
Sodium	96	1	mg/l	44	1	98	10	5.4	1.2	45	2	96	6.5	4.8	1.31
Bicarbonate	94	2	mg/l	39	0	100	39	17	1.19	40	0	100	17	14	0.82
Carbonate	94	2	mg/l	39	39	0	S.I.D.	S.I.D.	S.I.D.	40	40	0	S.I.D.	S.I.D.	S.I.D.
Chloride	94	2	mg/l	37	8	78	13	3	1.49	38	10	74	3.5	2.7	0.93
Fluoride	94	0.1	mg/l	37	20	46	0.16	0.05	1.07	38	25	34	0.11	0.05	0.98
Nitrate	94	0.1	mg/l	37	1	97	5.3	3.6	0.87	38	3	92	6.8	2.3	3.74
Sulfate	94	0.1	mg/l	37	0	100	15	4.1	1.52	38	0	100	7.4	5	0.94
Alkalinity	94	4	mg/l	39	0	100	37	17	1.18	40	0	100	16	14	0.73
Hardness	96	2	mg/l	35	0	100	55	26	1.11	39	1	97	25	20	0.75
COD	97	5	mg/l	43	6	86	60	26	2.02	45	8	82	64	34	1.27
pH	94	0-14		39	0	100	6.9	6.6	0.1	40	0	100	6.5	6.4	0.05
Specific Conductance	94	1	umhos/cm	33	0	100	169	61	1.18	40	1	98	85	58	0.85
Total Dissolved Solids	96	2	mg/l	33	0	100	105	42	1.19	40	1	98	53	37	0.88

Constituents	Data Included Since[a]	DL	Units	Multifamily Residential						Mixed Residential					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Turbidity	94	0.1	NTU	39	0	100	23	10	1.55	40	0	100	21	15	1.06
Total Suspended Solids	96	2	mg/l	36	1	97	46	24	1.41	38	0	100	63	40	1.19
Volatile Suspended Solids	94	1	mg/l/hr	36	2	94	19	13	1.01	37	2	95	35	25	1.33
MBAS	97	0.05	mg/l	36	26	28	0.049	0.025	1.13	39	25	36	0.068	0.025	1.86
Total Organic Carbon	94	1	mg/l	37	0	100	6.9	6	0.85	43	0	100	8.8	6.8	0.74
BOD	94	2	mg/l	31	2	94	11	9	0.91	34	0	100	18	14	0.9
Dissolved Phosphorus	94	0.05	mg/l	30	1	97	0.16	0.1	1.04	39	2	95	0.2	0.14	0.87
Total Phosphorus	94	0.05	mg/l	30	1	97	0.19	0.14	1	39	1	97	0.26	0.18	0.99
NH3-N	94	0.1	mg/l	38	9	76	0.39	0.24	1.43	42	5	88	0.56	0.33	1.13
Nitrate-N	96	0.1	mg/l	37	12	68	1.1	0.8	1.01	38	13	66	0.55	0.44	0.91
Nitrite-N	94	0.1	mg/l	37	10	73	0.1	0.05	1.65	38	7	82	0.12	0.06	1.47
TKN	96	0.1	mg/l	41	0	100	2	1.5	1.11	43	1	98	2.5	1.7	0.95
Dissolved Aluminum	96	100	ug/L	45	33	27	115	50	1.58	44	33	25	182	50	2.72
Total Aluminum	96	100	ug/L	45	5	89	387	300	0.91	45	6	87	513	271	1.89
Dissolved Antimony	97	5	ug/L	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Total Antimony	97	5	ug/L	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	44	2	S.I.D.	S.I.D.	S.I.D.
Dissolved Arsenic	97	5	ug/L	45	44	2	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Total Arsenic	97	5	ug/L	45	44	2	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Barium	97	10	ug/L	45	18	60	20	14	0.92	45	19	58	18	14	1.11
Total Barium	97	10	ug/L	45	13	71	25	20	0.81	45	12	73	29	22	1.45
Dissolved Beryllium	97	1	ug/L	31	31	0	S.I.D.	S.I.D.	S.I.D.	31	31	0	S.I.D.	S.I.D.	S.I.D.
Total Beryllium	97	1	ug/L	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Boron	97	100	ug/L	42	12	71	148	128	0.65	44	21	52	114	111	0.66
Total Boron	97	100	ug/L	43	7	84	202	168	0.58	44	11	75	164	161	0.58
Dissolved Cadmium	97	1	ug/L	45	44	2	S.I.D.	S.I.D.	S.I.D.	45	43	4	S.I.D.	S.I.D.	S.I.D.
Total Cadmium	97	1	ug/L	45	44	2	S.I.D.	S.I.D.	S.I.D.	45	43	4	S.I.D.	S.I.D.	S.I.D.
Dissolved Chromium	97	5	ug/L	45	43	4	S.I.D.	S.I.D.	S.I.D.	45	44	2	S.I.D.	S.I.D.	S.I.D.
Total Chromium	97	5	ug/L	45	39	13	S.I.D.	S.I.D.	S.I.D.	45	42	7	S.I.D.	S.I.D.	S.I.D.
Dissolved Chromium +6	94	10	ug/L	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Total Chromium +6	94	10	ug/L	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Copper	97	5	ug/L	45	20	56	6.9	5	0.91	45	17	62	12	8	1.42
Total Copper	97	5	ug/L	45	4	91	12	12	0.54	45	1	98	19	13	1.29
Dissolved Iron	94	100	ug/L	45	33	27	194	50	2.4	45	33	27	353	50	3.45
Total Iron	94	100	ug/L	45	9	80	791	350	2.14	45	10	78	1475	400	2.67
Dissolved Lead	97	5	ug/L	45	41	9	S.I.D.	S.I.D.	S.I.D.	45	40	11	S.I.D.	S.I.D.	S.I.D.
Total Lead	97	5	ug/L	45	31	31	5.8	2.5	1.48	45	23	49	11	2.5	2.6
Dissolved Manganese	98	100	ug/L	21	21	0	S.I.D.	S.I.D.	S.I.D.	20	18	10	S.I.D.	S.I.D.	S.I.D.
Total Manganese	98	100	ug/L	21	20	5	S.I.D.	S.I.D.	S.I.D.	20	18	10	S.I.D.	S.I.D.	S.I.D.
Dissolved Mercury	94	1	ug/L	40	40	0	S.I.D.	S.I.D.	S.I.D.	44	44	0	S.I.D.	S.I.D.	S.I.D.
Total Mercury	94	1	ug/L	40	40	0	S.I.D.	S.I.D.	S.I.D.	44	44	0	S.I.D.	S.I.D.	S.I.D.

Constituents	Data Included Since[a]	DL	Units	Multifamily Residential						Mixed Residential					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Dissolved Nickel	97	5	ug/L	45	44	2	S.I.D.	S.I.D.	S.I.D.	45	42	7	S.I.D.	S.I.D.	S.I.D.
Total Nickel	97	5	ug/L	45	39	13	S.I.D.	S.I.D.	S.I.D.	45	42	7	S.I.D.	S.I.D.	S.I.D.
Dissolved Selenium	94	5	ug/L	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Total Selenium	94	5	ug/L	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	44	2	S.I.D.	S.I.D.	S.I.D.
Dissolved Silver	97	1	ug/L	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Total Silver	97	1	ug/L	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Thallium	97	5	ug/L	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Total Thallium	97	5	ug/L	45	45	0	S.I.D.	S.I.D.	S.I.D.	45	45	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Zinc	94	50	ug/L	45	21	53	83	53	1.53	45	9	80	133	89	1.33
Total Zinc	94	50	ug/L	45	5	89	146	89	1.37	45	1	98	203	125	1.35
Bis(2-ethylhexyl)phthalate	99	1	ug/L	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Acenaphthene	99	0.05	ug/L	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	6	14	S.I.D.	S.I.D.	S.I.D.
Acenaphthylene	99	0.05	ug/L	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Antracene	99	0.05	ug/L	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Benzo(a)anthracene	99	0.1	ug/L	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	4	43	0.38	0.05	1.7
Benzo(a)pyrene	99	0.1	ug/L	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Benzo(b)fluoranthene	99	0.1	ug/L	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	6	14	S.I.D.	S.I.D.	S.I.D.
Benzo(k)fluoranthene	99	0.1	ug/L	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	6	14	S.I.D.	S.I.D.	S.I.D.
Chrysene	99	0.1	ug/L	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	2	71	0.62	0.3	1.32
Dibenz(a,h)anthracene	99	0.1	ug/L	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Fluoranthene	99	0.1	ug/L	6	4	33	0.17	0.05	1.54	7	2	71	0.29	0.27	1
Fluorene	99	0.1	ug/L	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Indeno (1,2,3-cd)pyrene	99	0.1	ug/L	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Naphthalene	99	0.05	ug/L	6	6	0	S.I.D.	S.I.D.	S.I.D.	7	7	0	S.I.D.	S.I.D.	S.I.D.
Phenanthrene	99	0.05	ug/L	6	4	33	0.21	0.025	2.08	7	2	71	0.5	0.24	1.43
Pyrene	99	0.05	ug/L	6	4	33	0.2	0.025	1.95	7	2	71	0.35	0.3	1.03
All other SVOCs	94	0.05-5.0	ug/L	30	30	0	S.I.D.	S.I.D.	S.I.D.	33	33	0	S.I.D.	S.I.D.	S.I.D.
Organochlorine Pesticides & PCBs	94	0.05-1.0	ug/L	36	36	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
Carbofuran	96	5	ug/L	43	43	0	S.I.D.	S.I.D.	S.I.D.	44	44	0	S.I.D.	S.I.D.	S.I.D.
Glyphosate	98	25	ug/L	21	20	5	S.I.D.	S.I.D.	S.I.D.	20	20	0	S.I.D.	S.I.D.	S.I.D.
Diazinon	96	0.01	ug/L	37	37	0	S.I.D.	S.I.D.	S.I.D.	39	33	15	S.I.D.	S.I.D.	S.I.D.
Chlorpyrifos	96	0.05	ug/L	37	37	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
Thiobencarb	96	1	ug/L	37	37	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
All other N- and P- Pesticides	94	1.0-2.0	ug/L	37	37	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
2,4-D	96	10	ug/L	33	33	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
2,4,5-TP	96	1	ug/L	33	33	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
Bentazon	96	2	ug/L	33	33	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.

Constituents	Data Included Sincea	DL	Units	High Density Single Family Residential						Educational					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Cyanide	96	0.01	mg/l	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
TPH	94	1	mg/l	3	0	100	1.3	1.2	0.23	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Oil and Grease	94	1	mg/l	3	0	100	1.3	1.2	0.23	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Total Phenols	94	0.1	mg/l	3	3	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Total Coliform	94	20	MPN/100ml	3	0	100	1,366,667	1,600,000	0.3	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Fecal Coliform	94	20	MPN/100ml	3	0	100	933,333	900,000	0.7	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Ratio Fecal Coliform/Total Coliform	94			0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Fecal Streptococcus	94	20	MPN/100ml	3	0	100	1,233,333	1,600,000	0.51	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Fecal Enterococcus	94	20	MPN/100ml	3	0	100	610,000	140,000	1.41	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Ammonia	94	0.1	mg/l	34	6	82	0.41	0.3	1.05	40	12	70	0.33	0.18	1.62
Calcium	96	1	mg/l	32	1	97	6.7	5.8	0.55	39	0	100	16	10	0.71
Magnesium	96	1	mg/l	32	8	75	1.5	1.2	0.66	39	8	79	3.2	2.4	0.96
Potassium	94	1	mg/l	38	0	100	3.6	2.9	0.66	41	0	100	3.4	2.7	0.49
Sodium	96	1	mg/l	36	0	100	6.2	5	0.81	41	0	100	26	8	2.21
Bicarbonate	94	2	mg/l	35	0	100	21	13	1.04	40	0	100	39	28	0.76
Carbonate	94	2	mg/l	35	35	0	S.I.D.	S.I.D.	S.I.D.	40	40	0	S.I.D.	S.I.D.	S.I.D.
Chloride	94	2	mg/l	33	2	94	5	4.2	0.69	40	4	90	34	4.6	2.89
Fluoride	94	0.1	mg/l	33	27	18	S.I.D.	S.I.D.	S.I.D.	40	24	40	0.14	0.05	1.21
Nitrate	94	0.1	mg/l	33	1	97	3.9	2.1	1.38	40	2	95	2.6	2.2	0.73
Sulfate	94	0.1	mg/l	33	0	100	6.9	3.8	1.05	40	0	100	17.3	9.3	1.23
Alkalinity	94	4	mg/l	35	0	100	20	13	0.91	40	0	100	36	26	0.72
Hardness	96	2	mg/l	31	0	100	23	20	0.53	39	0	100	52	40	0.79
COD	97	5	mg/l	32	5	84	89	39	1.87	40	10	75	37	34	0.85
pH	94	0-14		35	0	100	6.5	6.5	0.06	40	0	100	7	6.9	0.07
Specific Conductance	94	1	umhos/cm	33	0	100	90	61	0.77	39	0	100	243	111	1.41
Total Dissolved Solids	96	2	mg/l	32	0	100	58	38	0.8	39	0	100	147	68	1.35
Turbidity	94	0.1	NTU	34	0	100	34	19	1.17	41	0	100	64	36	1.14
Total Suspended Solids	96	2	mg/l	30	0	100	95	61	1.16	39	0	100	95	61	1.05
Volatile Suspended Solids	94	1	mg/l/hr	31	0	100	48	31	0.91	39	0	100	23	21	0.69
MBAS	97	0.05	mg/l	29	26	10	S.I.D.	S.I.D.	S.I.D.	38	33	13	S.I.D.	S.I.D.	S.I.D.
Total Organic Carbon	94	1	mg/l	38	0	100	9.8	7.1	0.76	42	0	100	7.5	6.5	0.5
BOD	94	2	mg/l	27	0	100	16	15	0.68	34	0	100	13	12	0.68
Dissolved Phosphorus	94	0.05	mg/l	32	0	100	0.29	0.25	0.57	37	1	97	0.27	0.2	0.86
Total Phosphorus	94	0.05	mg/l	32	0	100	0.39	0.32	0.77	37	0	100	0.31	0.23	0.65
NH3-N	94	0.1	mg/l	34	7	79	0.34	0.25	1.04	40	12	70	0.28	0.15	1.58
Nitrate-N	96	0.1	mg/l	32	11	66	0.86	0.46	1.51	39	12	69	0.51	0.48	0.86
Nitrite-N	94	0.1	mg/l	33	12	64	0.1	0.05	1.01	39	13	67	0.09	0.05	1.41
TKN	96	0.1	mg/l	35	0	100	2.9	2	1.04	39	0	100	1.6	1.3	0.73
Dissolved Aluminum	96	100	mg/l	36	26	28	105	50	1.03	42	11	74	397	248	1.21
Total Aluminum	96	100	mg/l	36	6	83	599	287	1.08	42	2	95	881	720	0.83

Constituents	Data Included Sincea	DL	Units	High Density Single Family Residential						Educational					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Dissolved Antimony	97	5	mg/l	32	32	0	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Total Antimony	97	5	mg/l	32	32	0	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Arsenic	97	5	mg/l	32	32	0	S.I.D.	S.I.D.	S.I.D.	42	39	7	S.I.D.	S.I.D.	S.I.D.
Total Arsenic	97	5	mg/l	32	29	9	S.I.D.	S.I.D.	S.I.D.	42	39	7	S.I.D.	S.I.D.	S.I.D.
Dissolved Barium	97	10	mg/l	32	17	47	14	5	0.92	42	6	86	28	26	0.72
Total Barium	97	10	mg/l	32	11	66	21	21	0.72	42	6	86	37	33	0.74
Dissolved Beryllium	97	1	mg/l	19	19	0	S.I.D.	S.I.D.	S.I.D.	29	29	0	S.I.D.	S.I.D.	S.I.D.
Total Beryllium	97	1	mg/l	32	32	0	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Boron	97	100	mg/l	32	12	63	126	125	0.58	42	5	88	189	153	0.65
Total Boron	97	100	mg/l	32	5	84	181	171	0.52	42	4	90	254	227	0.58
Dissolved Cadmium	97	1	mg/l	32	31	3	S.I.D.	S.I.D.	S.I.D.	42	40	5	S.I.D.	S.I.D.	S.I.D.
Total Cadmium	97	1	mg/l	32	30	6	S.I.D.	S.I.D.	S.I.D.	42	34	19	S.I.D.	S.I.D.	S.I.D.
Dissolved Chromium	97	5	mg/l	32	32	0	S.I.D.	S.I.D.	S.I.D.	42	41	2	S.I.D.	S.I.D.	S.I.D.
Total Chromium	97	5	mg/l	32	29	9	S.I.D.	S.I.D.	S.I.D.	42	33	21	3.6	2.5	0.74
Dissolved Chromium +6	94	10	mg/l	36	36	0	S.I.D.	S.I.D.	S.I.D.	43	43	0	S.I.D.	S.I.D.	S.I.D.
Total Chromium +6	94	10	mg/l	36	36	0	S.I.D.	S.I.D.	S.I.D.	43	43	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Copper	97	5	mg/l	32	15	53	8.5	6.7	0.95	42	8	81	13	9.9	0.94
Total Copper	97	5	mg/l	32	2	94	15	11	0.57	42	0	100	24	15	1.49
Dissolved Iron	94	100	mg/l	38	27	29	123	50	1.2	42	15	64	454	190	2.3
Total Iron	94	100	mg/l	38	7	82	1117	546	1.36	42	4	90	2705	625	3.32
Dissolved Lead	97	5	mg/l	32	28	13	S.I.D.	S.I.D.	S.I.D.	42	40	5	S.I.D.	S.I.D.	S.I.D.
Total Lead	97	5	mg/l	32	14	56	10	5.4	1.03	42	30	29	4.9	2.5	1.09
Dissolved Manganese	98	100	mg/l	11	10	9	S.I.D.	S.I.D.	S.I.D.	17	17	0	S.I.D.	S.I.D.	S.I.D.
Total Manganese	98	100	mg/l	11	10	9	S.I.D.	S.I.D.	S.I.D.	17	17	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Mercury	94	1	mg/l	35	35	0	S.I.D.	S.I.D.	S.I.D.	40	40	0	S.I.D.	S.I.D.	S.I.D.
Total Mercury	94	1	mg/l	35	34	3	S.I.D.	S.I.D.	S.I.D.	40	40	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Nickel	97	5	mg/l	32	32	0	S.I.D.	S.I.D.	S.I.D.	42	38	10	S.I.D.	S.I.D.	S.I.D.
Total Nickel	97	5	mg/l	32	27	16	S.I.D.	S.I.D.	S.I.D.	42	26	38	4.7	2.5	0.69
Dissolved Selenium	94	5	mg/l	38	38	0	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Total Selenium	94	5	mg/l	38	38	0	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Silver	97	1	mg/l	32	32	0	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Total Silver	97	1	mg/l	32	31	3	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Thallium	97	5	mg/l	32	32	0	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Total Thallium	97	5	mg/l	32	32	0	S.I.D.	S.I.D.	S.I.D.	42	42	0	S.I.D.	S.I.D.	S.I.D.
Dissolved Zinc	94	50	mg/l	38	30	21	44	25	1.42	42	19	55	66	56	0.83
Total Zinc	94	50	mg/l	38	13	66	79	66	0.75	42	5	88	138	98	1.73
Bis(2-ethylhexyl)phthalate	99	1	mg/l	5	5	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Acenaphthene	99	0.05	mg/l	5	5	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Acenaphthylene	99	0.05	mg/l	5	5	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Antracene	99	0.05	mg/l	5	5	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.

Constituents	Data Included Sincea	DL	Units	High Density Single Family Residential						Educational					
				No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV	No. of Samples	No. of Non-detects	Percent Detects	Mean	Median	CV
Benzo(a)anthracene	99	0.1	mg/l	5	4	20	S.I.D.	S.I.D.	1.24	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Benzo(a)pyrene	99	0.1	mg/l	5	5	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Benzo(b)fluoranthene	99	0.1	mg/l	5	4	20	S.I.D.	S.I.D.	1.29	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Benzo(k)fluoranthene	99	0.1	mg/l	5	4	20	S.I.D.	S.I.D.	1.18	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Chrysene	99	0.1	mg/l	5	4	20	S.I.D.	S.I.D.	1.18	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Dibenz(a,h)anthracene	99	0.1	mg/l	5	5	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Fluoranthene	99	0.1	mg/l	5	3	40	0.53	0.05	1.67	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Fluorene	99	0.1	mg/l	5	5	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Indeno (1,2,3-cd)pyrene	99	0.1	mg/l	5	5	0	S.I.D.	S.I.D.	S.I.D.	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Naphthalene	99	0.05	mg/l	5	3	40	0.04	0.025	0.59	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Phenanthrene	99	0.05	mg/l	5	3	40	0.13	0.025	1.66	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
Pyrene	99	0.05	mg/l	5	1	80	0.83	0.37	1.44	0	0	S.I.D.	S.I.D.	S.I.D.	S.I.D.
All other SVOCs	94	0.05-5.0	mg/l	26	26	0	S.I.D.	S.I.D.	S.I.D.	23	23	0	S.I.D.	S.I.D.	S.I.D.
Organochlorine Pesticides & PCBs	94	0.05-1.0	mg/l	31	31	0	S.I.D.	S.I.D.	S.I.D.	22	22	0	S.I.D.	S.I.D.	S.I.D.
Carbofuran	96	5	mg/l	32	32	0	S.I.D.	S.I.D.	S.I.D.	43	43	0	S.I.D.	S.I.D.	S.I.D.
Glyphosate	98	25	mg/l	11	11	0	S.I.D.	S.I.D.	S.I.D.	17	15	12	S.I.D.	S.I.D.	S.I.D.
Diazinon	96	0.01	mg/l	30	28	7	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
Chlorpyrifos	96	0.05	mg/l	30	30	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
Thiobencarb	96	1	mg/l	30	30	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
All other N- and P- Pesticieds	94	1.0-2.0	mg/l	32	32	0	S.I.D.	S.I.D.	S.I.D.	39	39	0	S.I.D.	S.I.D.	S.I.D.
2,4-D	96	10	mg/l	27	27	0	S.I.D.	S.I.D.	S.I.D.	24	24	0	S.I.D.	S.I.D.	S.I.D.
2,4,5-TP	96	1	mg/l	27	27	0	S.I.D.	S.I.D.	S.I.D.	24	24	0	S.I.D.	S.I.D.	S.I.D.
Bentazon	96	2	mg/l	27	27	0	S.I.D.	S.I.D.	S.I.D.	24	24	0	S.I.D.	S.I.D.	S.I.D.

Notes
CV = Coefficient of variation
DL = Detection Limit
S.I.D. = Statistically Invalid Data, not enough data above detection limit collected
a) Detection limits have changed throughout the monitoring process. Only data matching the current detection limit is displayed in this table. The Data Included Since field indicates the first year of the storm season with the current detection limit.

Appendix 3.D
Common Sources of Key Pollutants of Concern in the Ballona Creek WMA

Bacteria

Total Coliform, Fecal Coliform, Enterococcus spp. and Escherichia coli

Sources contributing to the bacterial indicators total coliform, fecal coliform, enterococcus and E. coli are discussed in the source assessment included in the Ballona Creek, Ballona Estuary and Sepulveda Channel Bacteria TMDL. Bacteria loads associated with point sources, including MS4 and Caltrans Stormwater Permits, minor and general NPDES permits (Appendix 3.A) are largely unknown due to lack of monitoring for bacteria; however the main contributor of flow and associated bacteria loading is the stormwater conveyance system. Storm drains discharging to Ballona Creek flow during wet and dry weather; in dry weather these flows and associated bacteria loading result from over-irrigation, car washing, restaurant washout and other activities. Non-point sources include inputs to Ballona Estuary from Del Rey Lagoon, which may be due wildlife (LARWQCB 2006).

Shellfish Harvesting Advisory

The Ballona Creek Estuary is listed as impaired based on an existing shellfish harvesting advisory. The latest Integrated Report from the SWRCB that provides information on the basis for 303(d) impairment listings does not address this particular impairment (SWRCB, 2010). Therefore, it is only listed as impaired because it is an advisory. Shellfish harvesting advisories are largely the effects of coliform in the watershed (LARWQCB, 2007). Higher amounts of impervious surfaces associated with urban landscapes result in increased magnitude and frequency of surface runoff during both wet and dry weather conditions. Bacterial contamination is generated throughout the watershed and then transported through the storm drain system regulated under the MS4 permit. Relatively high bacteria concentrations were observed through both Ballona Creek and the storm drains draining to the creek (SCCWRP, 2004).

Storm drain system discharges may have elevated levels of bacterial indicators from sanitary sewer leaks and spills, illicit connections of sanitary lines to the storm drain system, runoff from homeless encampments, pet waste, organic debris from vegetation, food waste, and illegal discharges from recreational vehicle holding tanks, among others. (LARWQCB, 2006). The bacteria indicators used to assess water quality are not specific to human sewage; therefore, fecal matter from animals and birds can also be a source of elevated bacteria levels, and vegetation and food waste can be a source of elevated levels of total coliform bacteria, in particular (LARWQCB, 2006).

In addition to flow from Ballona Creek, the Ballona Estuary also receives flow from the Del Rey Lagoon and Ballona Wetlands through connecting tide gates. Flows from Del Rey Lagoon are considered nonpoint sources of bacterial contamination. This waterbody may be considered for a natural source exclusion if it's contributing bacteria loads are determined to be from wildlife in the area, as opposed to anthropogenic sources. A source identification study for the lagoon will need to be conducted in order to apply the natural source exclusion (LARWQCB, 2006). Other non-point sources in Ballona Creek and Estuary include natural sources from birds, waterfowl and other wildlife. Data do not currently exist to quantify the extent of the impact of wildlife on bacteria water quality in the Estuary (LARWQCB, 2006)

Because shellfish harvesting advisory has been identified as an effect of coliform in the watershed, the same sources identified for contributing to bacterial indicator densities can also be tied to the shellfish harvesting advisory. While the basis for shellfish harvesting advisories is to protect shellfish harvesting (SHELL) beneficial use, and the bacteria TMDLs in the Ballona Creek watershed are established to protect recreational (REC) beneficial use, both impairments are tied to elevated levels of coliform.

Therefore, it can be concluded that the shellfish harvesting advisory in the Ballona Creek Estuary is likely linked to MS4 discharges.

Current and Historical Organics

Urban storm water has been recognized as a substantial source of organic pollutants such as PAHs, PCBs and organochlorine compounds (Suffet and Stenstrom, 1997). This is also reflected in routine storm water monitoring performed by LACDPW under the MS4 permit (LACDPW, 2002).

The major contributor of associated organochlorine compounds, pesticides, PCBs and PAHs loading to Ballona Creek and Estuary is believed to be wet-weather runoff discharged from the storm water conveyance system (USEPA and CA RWQCB, 2005). In the highly urbanized Ballona Creek watershed, the contribution of stormwater runoff and storm-borne sediment loads from these areas drain to the MS4 system.

The loadings of DDT, PCBs and chlordane reflect historic uses. Although the uses of these compounds are banned, these legacy pollutants continue to remain elevated in sediments. DDT and PCB loadings appear to have declined over the last 30 years (Stein et al., 2003).

Pesticides (DDT, DDE and DDD)

DDT is an organochlorine insecticide that was widely used on agricultural crops and to control disease-carrying insects. In California, DDT was used primarily for agricultural activities. The use of DDT was banned in the United States in 1972, except for public health emergencies involving insect diseases and control of body lice. Although DDT is no longer used, it persists in the environment, adhering strongly to soil particles. Total DDT consists of two isomers (p,p-DDT and o,p-DDT) and several degradation products (p,p-DDE, o,p-DDE, p,p-DDD, and o,p-DDD) (USEPA 2012b).

In the previous study by Young et al. (1973), the annual wet weather loads for DDTs from Ballona Creek were around 18 kg during 1971-1972 water year, which was a particularly wet year. In the 1987-88 period, wet weather loadings for DDT during a comparable size storm year were around 8 kg (Stein et al., 2003). There were no detectable concentrations of DDT in stormwater samples from 1994 to 2005 (LADPW, 2005). However, the detection limits for DDT used by the Los Angeles County lab are two orders of magnitude greater than the Communities of Practice (COP)'s human health objective.

More recently, Curren et al. (2011) evaluated the contribution of subwatersheds to chlorinated pesticide loading during wet weather flow. Fifteen storm drains from Ballona Creek subwatershed were sampled during three storms during the 2005 - 2006 winter rainy season. The suspended solids were analyzed for chlorinated pesticides. Curren et al. (2011) found DDT concentrations in Ballona Creek stormwater during the 2005-2006 season that ranged from non-detect to 0.4 ng/l. This indicates that DDT concentrations in stormwater may exceed the human health criteria. The total DDT loadings based on the average concentrations from these three storms sampled by Curren et al. (2011) were estimated to be 6.2 g.

PCBs

Polychlorinated biphenyls (PCBs) are mixtures of up to 209 individual chlorinated compounds (known as congeners). PCBs were used in a wide variety of applications, including dielectric fluids in transformers and capacitors, heat transfer fluids, and lubricants. In 1976, the manufacture of PCBs was prohibited because of evidence that they build up in the environment and can cause harmful health effects.

PCBs are typically associated with more urban areas. In addition, PCBs were commonly used in a number of household products (e.g., fluorescent light fixtures, paints, waxes, caulking). Although there is little information available to estimate the potential loads from rural areas, rural areas are unlikely to be a major source of PCBs (USEPA, 2012).

Potential pollutants from construction sites include sediment, which may contain historic PCBs from construction materials and the heavy equipment used on construction sites. In addition, in the highly urbanized Ballona Creek watershed re-development of former industrial sites has a higher potential to discharge sediments laden with pollutants such as PCBs. During wet weather, runoff from construction sites has the potential to contribute metals loadings to the creek (USEPA and CA RWRCB, 2005).

In the 1971-1972 water year, the annual wet weather loads for PCBs from Ballona Creek were around 15 kg (Young et al., 1973). In the 1987-88 water year, the wet weather loadings for PCBs were around 7 kg. LADPW has not indicated detectable levels of PCBs in stormwater from Ballona Creek since the mid1990s.

However, detection levels for PCBs measured as arochlors were 65 ng/l, which are more than three orders of magnitude greater than the COP human health objective. In 1995-1996 water year, Suffet and Stenstrom (1997) measured PCB congeners and found elevated concentrations of total PCBs (calculated as the sum of the 18 congeners) ranging between 15,100 ng/l to 390,000 ng/l in stormwater runoff to Ballona Creek.

More recently, Curren et al. (2011) found concentrations of total PCBs that were much lower, ranging from 0.74 ng/l to 16.07 ng/l in the 2005-06 rainy season. These most recent values are all higher than the COP objective. The estimate of PCB loads based on the average concentrations from the three storms sampled by Curren et al. (2011) was 32.9 g. However, a disproportionate mass of PCB loading came from a site which had no obvious sources.

The continued presence of high PCBs in sediments from Ballona Creek also suggest land-based inputs to the storm drain system, although there is limited information to assess the impact of hundreds of individual industrial or construction stormwater projects (USEPA, 2012).

Atmospheric deposition may be a potential nonpoint source of PCBs. There may also be potential losses of PCBs that may occur as a result of volatilization. Sabin et al. (2011) provide limited information on net-gas exchange during dry weather from sites near Ballona Creek Estuary. Volatilization may be an important loss term process for PCBs. However, the rates of volatilization are a function of concentrations in both the air and water which can vary greatly over time and space.

PAHs

Polynuclear aromatic hydrocarbons (PAHs) are a group of over 200 different chemicals. They are found in nature in coal and crude oil and in emissions from combustion of fossil fuels, forest fires and volcanoes. Most PAHs entering the environment are formed unintentionally during burning (coal, oil, wood, gasoline, garbage, tobacco and other organic material) or in certain industrial processes. Important sources of PAHs in surface waters include deposition of airborne PAHs, municipal waste water discharge, urban storm water runoff particularly from roads, runoff from coal storage areas, effluents from wood treatment plants and other industries, oil spills, and petroleum pressing (ATSDR, 1995).

The loadings of PAHs are attributable to ongoing activities in the watershed. Atmospheric deposition may be a potential nonpoint source of metals and PAHs to the watershed, through either direct or indirect deposition. PAHs are released to the atmosphere through natural and synthetic sources of emissions. The largest sources of PAHs to the atmosphere are from synthetic sources, including wood burning in homes; automobile and truck emissions; and hazardous waste sites and former manufactured-gas sites (USEPA and CA RWRCB, 2005).

It is believed that the primary source of PAHs to Ballona Creek and Estuary is urban storm water runoff. Indirect atmospheric deposition reflects the process by which metals and PAHs deposited on the land surface may be washed off during storm events and delivered through storm water runoff to Ballona Creek. Most airborne PAHs are deposited on the land (e.g., through precipitation or indirect atmospheric deposition) and are transported to Ballona Creek through storm water runoff (USEPA and CA RWQCB, 2005).

Chlordane

Chlordane was used as a pesticide to control insects on agricultural crops, residential lawns and gardens, and in buildings, particularly for termite control. In 1988, all chlordane uses, except for fire ant control, were voluntarily cancelled in the US. So the majority of environmental loadings of chlordane were required to cease as of 1988 with the end of authorized commercial use. However, stocks held by homeowners could be a continuing source, as would be the erosion and transport of existing soils previously contaminated by chlordane and related compounds (MDE, 1999).

Chlordane is not an expected substance in point source discharges. If it were to occur in municipal discharges, it would be through intermittent, illicit, and generally untraceable sources (MDE, 1999).

Although it is no longer used in the US, chlordane persists in the environment, adhering strongly to soil particles. It is assumed that the only source of chlordane in the watershed is storm water runoff carrying historically deposited chlordane most likely attached to eroded sediment particles (USEPA and CA RWQCB, 2005).

Bis(2-ethylhexyl)Phthalate

Bis-2-ethylhexylpthalate is a plasticizer used in the manufacture of polyvinyl chloride (PVC). It is also is a common contaminant of sample containers, sampling apparatus, and analytical equipment. A Category 3 contaminant, its incidence of exceedance is low (one in 19 samples during the past 5 years during wet weather and none of the 14 samples in the past 5 years during dry weather). It attribution to MS4 discharges is not highly supported by these results and earlier detections can possibly be attributable to lab contamination. It is known to be a common contaminant of sample containers, sampling apparatus, and analytical equipment. For example, it has been identified as a common laboratory contaminant during groundwater monitoring data analysis (WI DNR, 2002).

Metals

There are wet and dry weather numeric targets for copper, lead, selenium, and zinc in the Ballona Creek watershed. Under the 2008 Metals TMDL, copper, lead, selenium, and zinc have separate dry weather and wet weather targets and allocations. Flow in Ballona Creek was used in the TMDL to determine when wet weather or dry weather targets and allocations applied. The Ballona Creek Toxics and Metals TMDLs were amended on December 5, 2013, with the recommendation that selenium be removed from the TMDL, and numeric targets adjusted for copper, lead, and zinc. The amendment also set sediment

targets for cadmium, copper, lead, silver, and zinc in the Ballona Creek Estuary and WLAs for those constituents in the Ballona Creek watershed (LARWQCB, 2010b).

The sources and delivery of metals can vary depending on weather and flow conditions. Wet weather metal loads are typically greater than dry weather loads, with wet weather stormwater runoff shown to be the dominant source of annual metals loading (LACDPW, 2012a). Numerous researchers have documented that the most prevalent metals in urban storm water (i.e., copper, lead, zinc, and to a lesser degree cadmium) are consistently associated with suspended solids. Because metals are typically associated with fine particles in storm water runoff, they have the potential to accumulate in estuarine sediments where they may pose a risk of toxicity. On an annual basis, stormwater contributes about 91 percent of the copper loading and 92 percent of the lead loading to Ballona Creek, the majority of which is permitted through the Los Angeles County MS4 (in addition to the Caltrans stormwater permit, general construction stormwater permit, and general industrial stormwater permit) (LARWQCB, 2013b).

During dry weather, most of the metals loadings are in the dissolved form. Storm drains convey a large percentage of the metals loadings during dry weather because although their flows are typically low, concentrations of metals in urban runoff may be quite high. (LARWQCB, 2013b). While flows during dry weather are highly variable in both time and space, storm drain metals concentrations were generally higher than those observed in Ballona Creek itself, and peak concentrations were typically an order of magnitude greater in the storm drain than in the creek (SCCWRP, 2004). SCCWRP (2004) found that high concentrations of metals in the creek correspond to locations of storm drains associated with high concentrations.

Toxic Organic Chemicals

The fertilizers used for land and landscape maintenance of municipal areas are also a source of metals. Fertilizers, herbicides, and pesticides contain metals such as cadmium, copper, lead, and zinc. Heavy metals in municipal stormwater can also come from car debris, roof shingles, building materials, and plastics (LACDPW, 2012a).

Road Infrastructure

The “The use and wear of cars is the most prevalent source of roadway pollutants. A California study found that cars are the leading source of metal loads in stromwater, producing over 50 percent of the copper, cadmium, and zinc loads. Wear from brake pads, tires, and engine parts is a significant source of metal pollutants. For example, almost 50 percent of the copper loads in roadway stormwater originates from brake pads, and tire wear accounts for over 50 percent of the total cadmium and zinc loads delivered to the San Francisco Bay each year. Such conditions are expected to be similar for the Los Angeles region. Leaking oil, grease, and coolant also contribute metals and PAHs to the roadway loads.” (LACDPW, 2012a). Table 1 shows common sources of contaminants in runoff from roads and highways.

Silver

According to the TMDL development for the Lower St. Johns River in Florida, silver compounds in soil are released into the environment by rain and may be carried long distances in air and water. Silver is stable and remains in the environment in one form or another until it is taken out again by people. Because silver is an element, it does not break down, but it can change its form by combining with other substances (USEPA, 2004). Silver has also been identified as a component in vehicle fuels (Lee, 1993).

There are limited studies and literature on the sources of silver in the watershed, but MS4 discharges cannot be eliminated as possible sources of silver. However, it should be noted that over the past five years, there have only been two exceedances of total silver in the watershed out of 70 samples (at Centinela Creek), and no exceedances for dissolved silver. Over the past ten years, there have been seven exceedances of total silver in the watershed out of 168 samples (4 percent), and four exceedances of dissolved silver out of 128 samples (3 percent). This low number of exceedances may indicate that silver is not a significant constituent of concern in the watershed.

Table 1 Common Sources of Roadway Pollutants

Source	Cadmium	Copper	Nickel	Lead	Zinc	PAHs	Nutrients	Synthetic Organic Chemicals
Gasoline	●	●		●	●			
Exhaust			●	●		●		●
Motor oil and grease			●	●	●	●		
Antifreeze	●	●		●	●	●		
Undercoating				●	●			
Brake linings		●	●	●	●			
Tires	●	●		●	●	●		
Asphalt	●	●	●		●	●		
Concrete		●	●		●			
Diesel Oil	●			●	●			●
Engine wear			●	●	●			
Fertilizers, pesticides, and herbicides	●	●	●		●		●	●

Adapted from LACDPW (2012a)

Mercury

The adopted San Francisco Bay Basin Plan amendment identified sources of mercury in San Francisco Bay to include bed erosion (about 38 percent), the Central Valley watershed (about 36 percent), urban stormwater runoff (about 13 percent), the Guadalupe River watershed (about 8 percent), direct atmospheric deposition (about 2 percent), non-urban stormwater runoff (about 2 percent), and wastewater discharges (about 1.5 percent). There was also a potential that mercury may enter the Bay from Bay margin contaminated sites and abandoned mercury mines outside the Guadalupe watershed (SFBRWQCB, 2006).

The organic form of mercury (methylmercury) is toxic and bioavailable. Sources of methylmercury in Delta waters include tributary inputs from upstream watersheds and within-Delta sources such as methylmercury flux from wetland and in-channel sediments, municipal and industrial wastewater, agricultural drainage, and urban runoff (CVRWQCB, 2010). Various sources of mercury have been identified, including urban stormwater runoff, correlating to a linkage to MS4 discharges.

Mercury is also recognized to be a potential laboratory contaminant. Mercury is found in thermometers, manometers, vacuum pumps, switches, discharge tubes, dental amalgams, and as a component in chemical reactions. Because of its frequent use, it is not unusual for mercury to be spilled, or otherwise contaminate laboratory, storage, or office areas. Contamination of laboratory spaces from historic mercury spills is also common (University of Florida, 2012).

Nutrients

Ammonia

Within the adjacent Los Angeles River watershed, the TMDL for Nitrogen Compounds Source Assessment found that although POTWs are the largest source of nutrients (note Ballona Creek Watershed does not have any POTW discharges), the urban and residential stormwater runoff collected and discharged from MS4s presents loadings of nutrients that is considerable and represents a linkage to MS4 (LARWQCB 2003). The nutrient loading for stormwater runoff from the land uses draining to MS4s would occur during storm events, so the dry weather exceedences for ammonia within Ballona Creek Reach 2 and Sepulveda Channel may be the result of permitted or unpermitted discharges to the MS4.

Trash

A numeric target of 0 (zero) trash in the water has been established by the Ballona Creek and Santa Monica Bay TMDLs. According to the TMDL Staff Reports, the major source of trash in Ballona Creek and Santa Monica Bay results from litter, which is intentionally or accidentally discarded in watershed drainage areas. "Transport mechanisms include: (1) storm drains: trash is deposited throughout the watershed and is carried to the various reaches of the river and its tributaries during and after significant rainstorms through storm drains, (2) wind action: trash can also blow into the waterways directly, and (3) direct disposal: direct dumping also occurs." (LARWQCB, 2004). The Santa Monica Bay TMDL also lists marine vessels and ships as an additional source. Several studies conclude that urban runoff is the dominant source of trash. Ballona Creek collects runoff from several partially urbanized canyons on the south slopes of the Santa Monica Mountains as well as from intensely urbanized areas of West Los Angeles, Culver City, Beverly Hills, Hollywood, and parts of Central Los Angeles. The correlation between trash and urban runoff through storm drains can be evidenced by the large amount of trash that accumulates at the base of storm drains (LARWQCB, 2004, LARWQCB, 2010).

Pollutant Class to be Determined

The section includes water quality conditions that are not specific pollutants but indicate the presence of pollutants, or specific constituents where the linkage to a pollutant will be further investigated during EWMP development):

Cyanide

Cyanide was placed on the 303(d) list of impairments for Ballona Creek due to a sufficient number of exceedances of the CTR cyanide criteria for protection of aquatic life (SWRCB, 2010). The sources of cyanide are generally anthropogenic in nature, but can also include some natural non-point sources. Point sources of cyanide can include stormwater runoff from industrial facilities, e.g., metal plating and finishing operations may contain cyanide (LACDPW, 2005). In the Ballona Creek watershed, sand and gravel operations, oil and natural gas facilities, transportation, recycling and manufacturing facilities have been identified as industrial sources (LACDPW, 2006). These sources are regulated by California's statewide General Industrial Stormwater Permit or individual NPDES permits.

Non-point sources of cyanide may include pesticide use, which can be transported to storm drains during dry weather flow (e.g., over-irrigation) or wet weather flow. The largest likely source of cyanide in the watershed is air-borne deposition from motor vehicle emissions (LACDPW, 2005). The amount of cyanide that could be released to the environment from natural sources is comparatively low. Natural

sources may include incomplete combustion from forest fires, decomposition of plant material and fungi. (LACDPW, 2005).

While some potential sources of cyanide may be attributed to industrial facilities, e.g., metal plating, finishing, and manufacturing operations, the MS4 cannot be eliminated as a significant linkage for cyanide impairment as the MS4 is the conduit for cyanide that comes from some of the most significant sources. The largest likely sources of cyanide in the watershed are linked to MS4 discharges, as both airborne deposition from motor vehicle emissions and pesticide use are linked to surface runoff in the MS4 and from the MS4 to Ballona Creek. The low level of cyanide exceedances may also be attributed to laboratory contaminant issues.

Dissolved Oxygen

Low dissolved oxygen concentration results when there is insufficient aeration of oxygen into water. Slow-moving, stagnant, and pooled water has little opportunity for aeration, resulting in low concentrations of dissolved oxygen. Biologically, oxygen is also removed from the water column during respiration by plants for cell production. The chemical removal of oxygen can occur as ammonia is oxidized to nitrite, and eventually nitrate, thereby removing available oxygen from the water column. The saturation of oxygen in water is lastly a function of temperature and salinity; water with lower temperature and salinity retains more dissolved oxygen, relative to higher temperature and salinity (CCRWQCB, 2006).

A characterization study conducted in Washington found that increased stream temperatures likely heavily influence lower dissolved oxygen levels (SWDE, 2013). An indicator of low dissolved oxygen is benthic algae cover. Benthic algae is a natural plant in most stream systems and is a vital component of the stream food web. Under natural conditions, algal density is kept at levels that do not adversely affect dissolved oxygen. Factors limiting algal growth include (but not limited to): 1) nutrients, 2) light, 3) substrate, 4) flowing water, and 5) temperature. The Central Coast Regional Board staff found that benthic algae cover responds proportionally to light, and to a lesser degree, nutrient availability (CCRWQCB, 2006). The direct impact of urban storm water runoff on dissolved oxygen conditions in receiving waters is not thought to be substantial. However, the secondary impacts on the dissolved oxygen balance in receiving waters due to nutrient enrichment, eutrophication, and resulting sediment oxygen demand may be important. Therefore, there is still an indirect linkage between the MS4 and low dissolved oxygen.

It should be noted that over the past five years, there have been zero exceedances of dissolved oxygen in the watershed out of 19 samples. Over the past ten years, there have been two exceedances in 43 samples. This indicates that dissolved oxygen may not be a significant constituent of concern in the watershed.

pH

The receiving water analysis for pH identified exceedances for both the Basin Plan minimum and maximum objectives. Wet weather samples exhibited exceedances for the both minimum/maximum WQOs, while dry weather samples only exhibited exceedances for maximum WQOs. A characterization study conducted in Washington found that increased low pH is likely a result of the combination of large wet-season precipation events, the acidity of rainfall and shallow groundwater, and the poor buffering capacity of the stream and surrounding landscape (SWDE, 2013). Most pH impacts in urban waters are caused by runoff of rainwater with low pH levels (acid precipitation). In fact, urban areas tend to have more acidic rainfall than less developed areas (USEPA, 1999).

Higher levels of pH may be caused by the respiration of aquatic plants, e.g. benthic algae. Photosynthesis is accelerated during afternoon hours when peak solar radiation is present. Photosynthesis by algae uses water column carbon dioxide. The reduced carbon dioxide has a net effect of increasing pH. Central Coast Regional Board staff concluded that benthic algae is a source of biologic removal of dissolved oxygen in lower Chorro Creek during afternoon hours, and is a factor causing impairment of low dissolved oxygen and high pH (CCRWQCB, 2006). Higher levels of pH may be attributed to the MS4 by way of nutrient enrichment, which promotes algal growth.

Sediment and Exotic Vegetation

This TMDL for Ballona Creek Wetlands addresses the sediment and exotic vegetation impairments by setting targets to restore a diverse composition of healthy wetland habitats and to eliminate the presence of exotic vegetation that overwhelms the highly sensitive native habitats. The critical stressors causing impacts to the Ballona Creek Wetlands are excessive sediment on-site that has raised the mean elevation and buried critical habitat. Excess sediment has also created conditions to support highly invasive exotic vegetation that crowd out native species. Load allocations for legacy sediment were set at zero and approximately 3.1 million cubic yards of excess sediment have been identified to be removed from the sensitive habitat to restore beneficial uses (USEPA, 2012).

The potential for sediment loading into the Wetland is associated with the flow coming down the watershed. Sediment moves from the watershed down the drainage channels or MS4 system as a result of storms, wind and land based runoff. Major storms are responsible for significant transport and deposition of sediment into Ballona Creek and Ballona Wetland (USEPA, 2012).

Watershed modifications, including urbanization, influence downstream suspended sediment concentrations. The increased urban area reduces the amount of pervious cover that is subject to erosion. The Ballona Creek Watershed is extensively developed (over 80 percent of the watershed is developed). While urbanization increases the velocity of flow, which would typically cause scouring in natural channel and increase the sediment load, Ballona Creek is largely a lined channel so the natural bottom is not present to contribute additional sediment load. Sedimentation rates to the Ballona Creek Wetland are slow due to low sediment supply from the Ballona Creek Watershed (USEPA, 2012).

The largest source of impact to sedimentation is due to historical developmental activities that have led to a legacy of excess sediment loading in the wetland areas. Hydromodifications and discharges of dredged spoils and fill have caused significant changes in the size and function of the Ballona Creek Wetlands. Perhaps the largest modifications to the physical make-up of the wetland have been the construction of the Ballona Creek Flood Control channel, conversion of saltmarsh to agricultural areas in Area B, construction of Culver Boulevard through Area B, and the deposition of dredged and fill sediment on Area A during the construction of the Marina del Rey Harbor (USEPA, 2012).

Appendix 4.A
Structural Control Measure Fact Sheets

BMP Fact Sheets were developed for each subcategory of structural BMPs. Each BMP Fact Sheet further details BMP functions, design variations, and typical design components. A relative performance gauge is used to display the BMP performance functions for each subcategory.

BMP Fact Sheets for Regional BMPs

Regional BMPs are constructed structural practices intended to treat runoff from a contributing area of multiple parcels (normally on the order of 10s or 100s of acres or larger). Regional practices include *infiltration facilities* that promote groundwater recharge and *detention facilities* that encourage settling. Infiltration and detention regional BMPs can be either constructed as open-surface basins or subsurface galleries. Regional practices also include *constructed wetlands,* which use engineered wetland environments to encourage pollutant removal, and *treatment facilities*, which use either conventional or innovative treatment processes to target pollutants of concern or divert flows to sanitary sewer.

Infiltration Facilities (Regional BMP)

Infiltration facilities are designed to decrease runoff volume through groundwater recharge and improve water quality through filtration and sorption. Facilities can incorporate engineered medias to improve percolation into native soils. Infiltration facilities can be open-surface basins or subsurface galleries.



Surface Infiltration Basin



Subsurface Infiltration Gallery

BMP Performance Functions



Design Variations

Several design variations include:

- ***Surface Infiltration Basins:*** depressions designed to infiltrate stormwater into the subgrade soils. Facilities can be vegetated to encourage evapotranspiration and aesthetics. Also known as spreading grounds.
- ***Subsurface Infiltration Galleries:*** underground storage systems designed to infiltrate stormwater into subgrade soils. Subsurface systems are used when limited area is available for BMP

Typical Design Components

Figure 4.A-1 presents a typical design and highlights potential design variations:

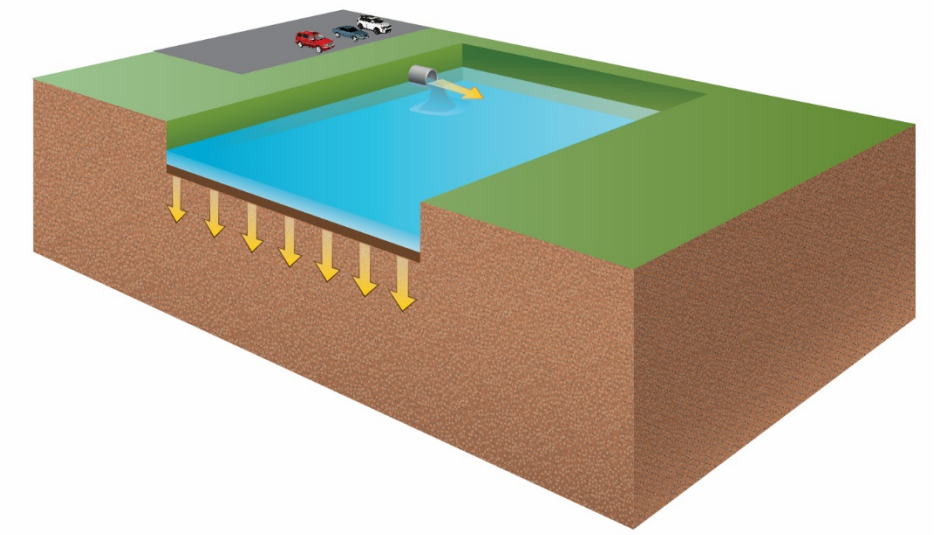


Figure 4.A-1. Typical regional infiltration facility schematic (arrows indicate water pathways).

Detention Facilities (Regional BMP)

Detention facilities are designed to detain runoff and improve water quality through pollutant settling. Facilities encourage settling by decreasing runoff flow rates and allowing ponding to occur. Detention facilities can be open-surface practices or subsurface galleries and can be dry during non-rainy seasons or wet year-round.

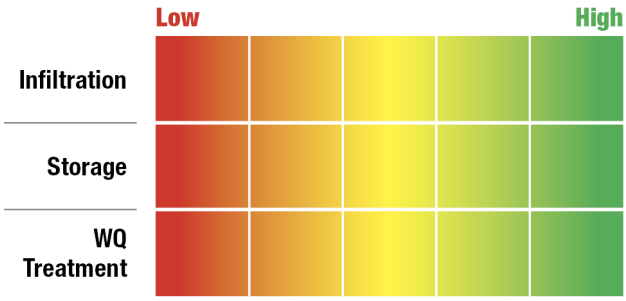


Surface Detention Basin



Subsurface Detention Gallery

BMP Performance Functions



Design Variations

Several design variations include:

- ***Surface Detention Basins:*** basins designed to detain stormwater runoff for a specified time to allow sedimentation of particle-bound pollutants. Surface systems can have permanent pools or fully drain between storms.
- ***Subsurface Detention Galleries:*** underground storage systems designed to detain stormwater. Subsurface systems are used when limited area is available for BMP implementation.

Typical Design Components

Figure 4.A-2 presents a typical design and highlights potential design variations:

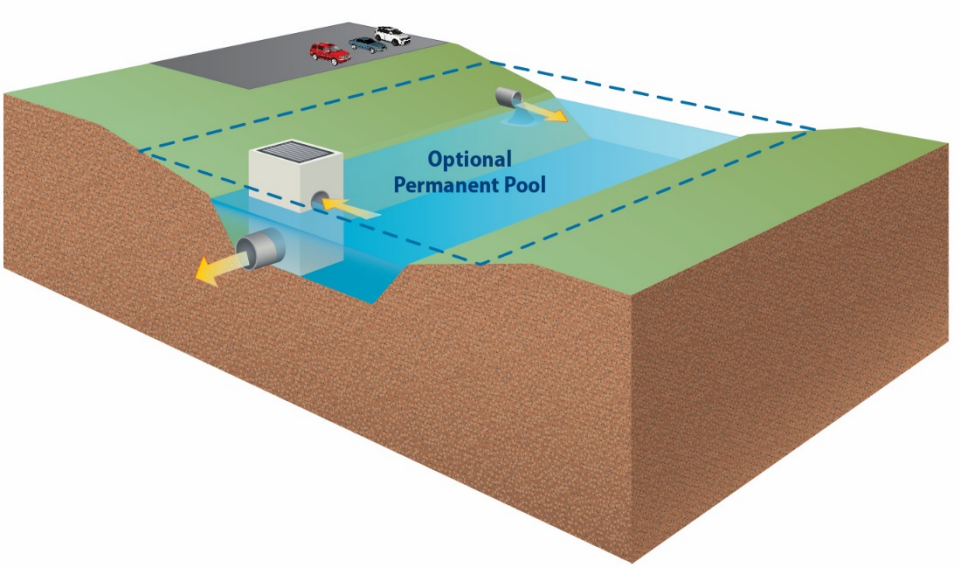
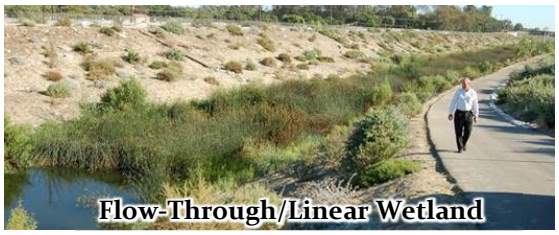


Figure 4.A-2. Typical regional detention facility schematic (arrows indicate water pathways).

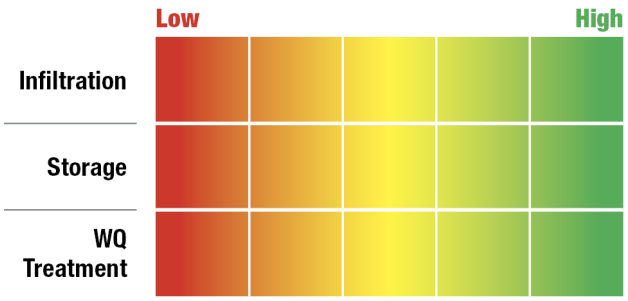
Constructed Wetlands (Regional BMP)

Constructed wetlands are engineered, shallow-marsh systems designed to control and treat stormwater runoff. Particle-bound pollutants are removed through settling, and other pollutants are removed through biogeochemical activity. Constructed wetlands must always maintain a baseflow into the system, which can come from an intersected groundwater or an associated low-flow diversion utilizing dry-weather flows.





BMP Performance Functions



Design Variations

Several design variations include:

- ***Wetland Basins:*** basins with shallow permanent pools and a temporary shallow ponding zone. An outlet control structure typically regulates dewatering of the temporary storage volume.
- ***Flow-through/Linear Wetlands:*** wetlands that provide treatment as water passes through a long flow path. These wetlands are typically constructed parallel to existing channels such that water can be easily diverted.

Typical Design Components

Figure 4.A-3 presents a typical design and highlights potential design variations:

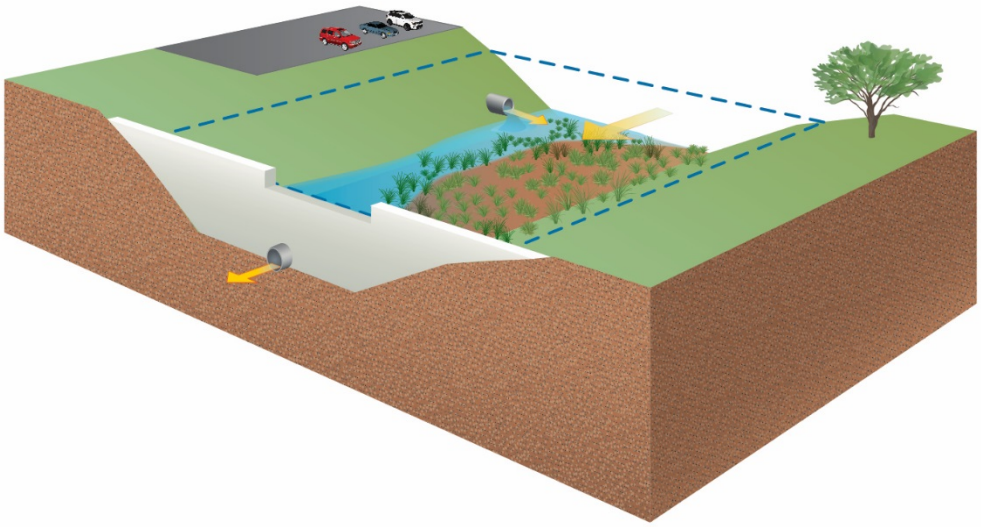


Figure 4.A-3. Typical regional constructed wetland schematic (arrows indicate water pathways).

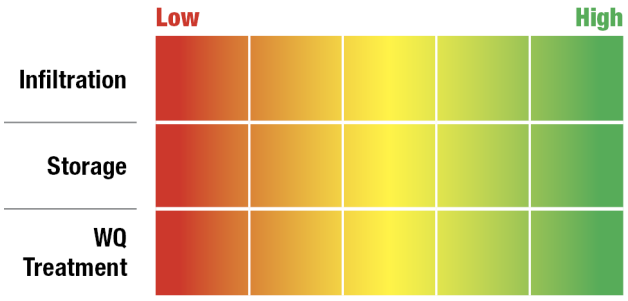
Treatment Facilities (Regional BMP)

Other regional water quality technology falls into the *treatment facilities* subcategory. These systems typically divert flow from engineered channels to a treatment facility. Water is treated using physical, chemical, or radiological processes and is then used to offset potable water supply, returned to the original channel, or discharged to the treatment plant outfall.





BMP Performance Functions



Design Variations

Treatment facilities design variations include:

- ***Low Flow Diversion:*** a design flow rate (typically dry weather flow) is diverted from the storm drain to a sanitary sewer for treatment.
- ***Treatment and Return:*** water is pumped or conveyed by gravity from a channel to a small-scale wastewater treatment facility where it is treated and discharged back into the original channel. Sometimes a portion of treated water can be diverted for reuse.

Typical Design Components

Figure 4.A-4 presents a typical design and highlights potential design variations:

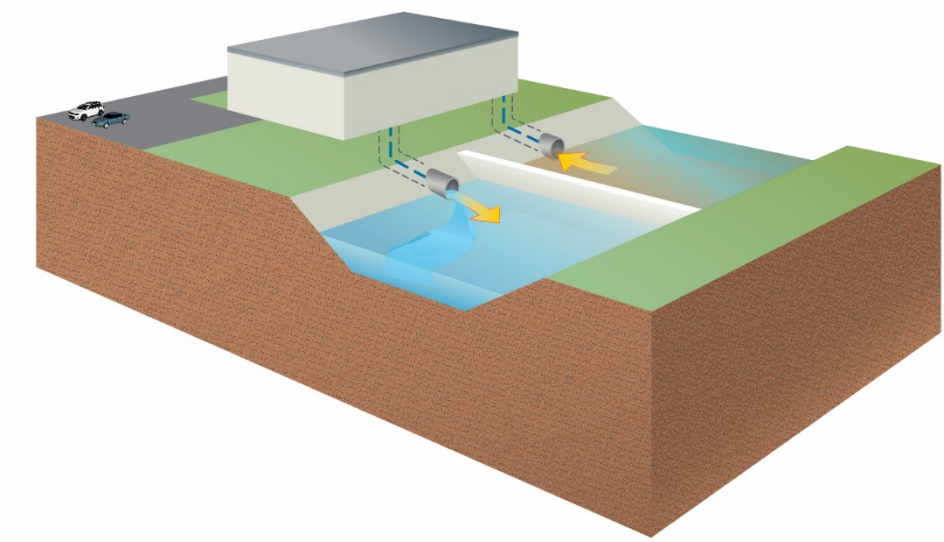


Figure 4.A-4. Typical regional treatment facility schematic (arrows indicate water pathways; a low flow diversion would direct flow to the nearby sanitary sewer).

BMP Fact Sheets for Distributed BMPs

Distributed BMPs are constructed structural practices intended to treat runoff relatively close to the source and typically implemented at a single- or few-parcel level (normally less than one acre). As described in the following BMP Fact Sheets, distributed BMPs include the following subcategories:

- Site-scale detention facilities
- Green infrastructure
- Flow-through treatment BMPs
- Source control structural BMPs

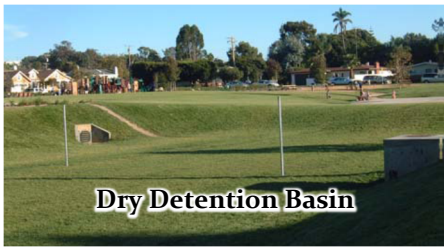
A major subcategory of distributed BMPs is *green infrastructure*. The Permit specifies that EWMPs should "incorporate effective technologies, approaches and practices, including green infrastructure." The primary goal of distributed green infrastructure BMPs is to intercept and treat runoff near its source using resilient natural systems. As opposed to traditional *gray infrastructure,* green infrastructure relies on contact between runoff, soils, and vegetation to accomplish volume and pollutant reduction. Green infrastructure has been shown to cost-effectively reduce the impacts of wet-weather flows while also reducing BMP maintenance requirements (Kloss et al. 2006). In addition, green infrastructure can provide multiple benefits to the surrounding community, including increased property values, increased enjoyment of surroundings and sense of well-being, increased safety, and reduced crime rate (Ward et al. 2008; Shultz and Schmitz 2008; Wolf 2008; Northeastern Illinois Planning Commission 2004; Hastie 2003; Kuo 2003; Kuo et al. 2001a; Kuo et al. 2001b; Wolf 1998).

Structural BMPs incorporated into the green infrastructure subcategory include the following, as described in the BMP Fact Sheets below:

- Bioretention and biofiltration
- Permeable pavement
- Green streets
- Bioswales
- Infiltration BMPs
- Rainfall harvest (green roofs, cisterns and rain barrels)

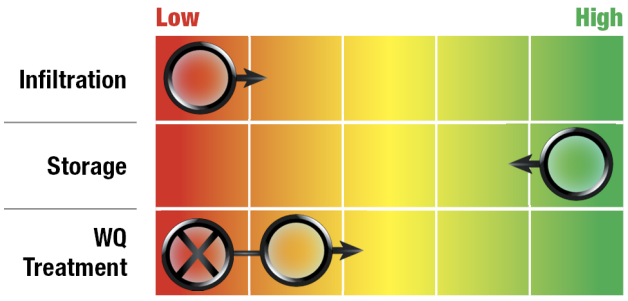
Site-Scale Detention (Distributed BMP)

Site-scale detention facilities are designed to detain runoff from an individual parcel and improve water quality through pollutant settling. Site-scale detention facilities can reduce peak flows and improve water quality by storing water in a basin before slowly draining the water through an orifice to the downstream waterway. Settling of sediment and sediment-bound pollutants is the primary pollutant removal mechanism.





BMP Performance Functions



= Dry Detention = Wet Detention

Design Variations

Several design variations include:

- ***Dry Detention Basins:*** Runoff ponds on the basin surface and fully drains between storm events. The drawdown orifice is located at the bottom of the basin.
- ***Wet Detention Pond:*** Runoff is captured in a temporary storage zone above a permanent pool. The drawdown orifice sets the depth of the permanent pool.
- ***Detention Chambers:*** Subsurface chambers or vaults designed to detain captured runoff.

Typical Design Components

Figure 4.A-5 presents a typical design and highlights potential design variations:

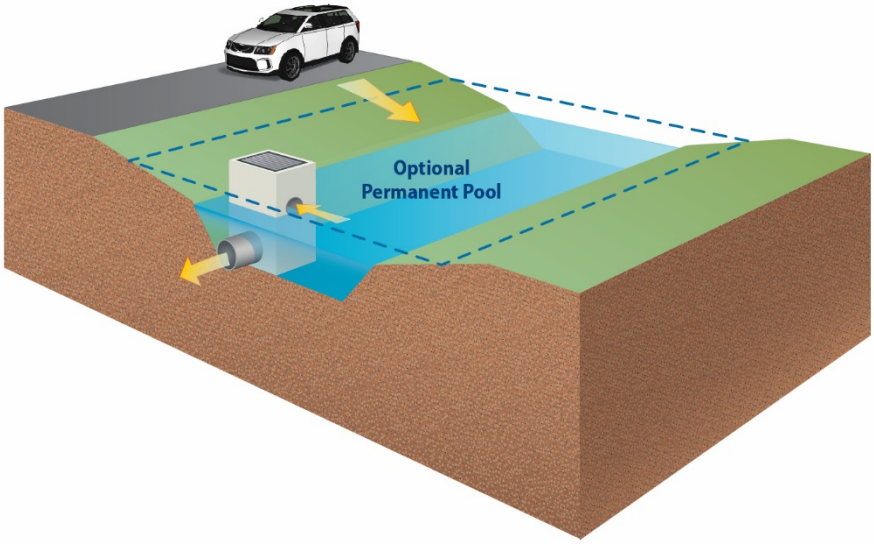


Figure 4.A-5. Typical distributed site-scale detention schematic (arrows indicate water pathways).

Bioretention and Biofiltration (Green Infrastructure BMP)

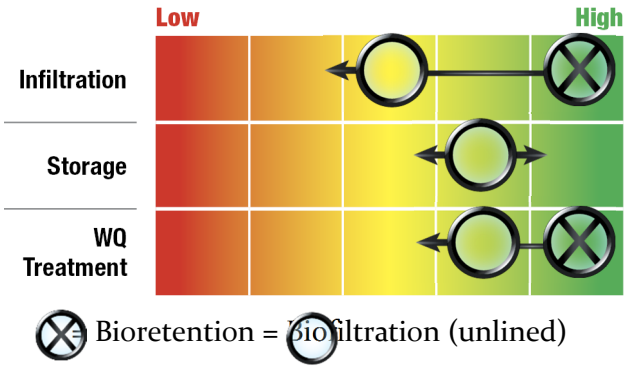
Bioretention and biofiltration are vegetated BMPs designed to capture and filter stormwater runoff through a soil layer. Following filtration, treated runoff infiltrates underlying soils (bioretention), or, if the subgrade has poor permeability, exits through an underdrain to the downstream conveyance network (biofiltration). Vegetation can enhance biological treatment processes.


Residential Bioretention


Bioretention in an Alley


Parking Lot Biofiltration

BMP Performance Functions



Design Variations

Several design variations include:

- ***Bioretention:*** shallow, depressed, vegetated basins with permeable soil media. Runoff temporarily ponds on the surface before filtering through the soil. Bioretention does not include underdrains.
- ***Biofiltration:*** bioretention areas with underdrains. Infiltration is considered incidental, although substantial infiltration can occur in some unlined systems.

Typical Design Components

Figure 4.A-6 presents a typical design and highlights potential design variations:

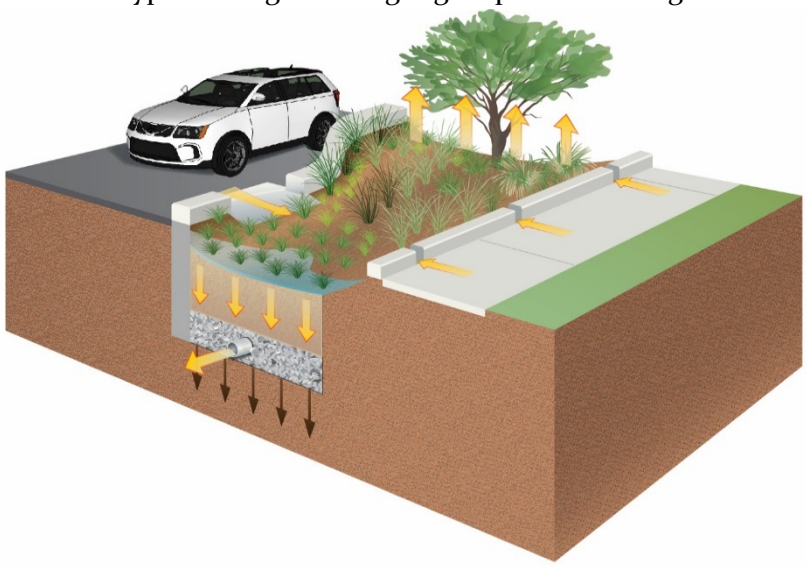


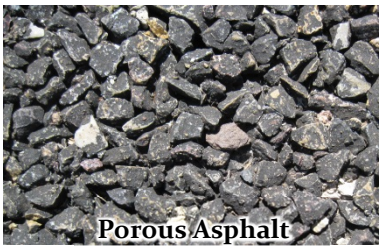
Figure 4.A-6. Typical distributed bioretention and biofiltration schematic showing underdrain option (arrows indicate water pathways).

Permeable Pavement (Green Infrastructure BMP)

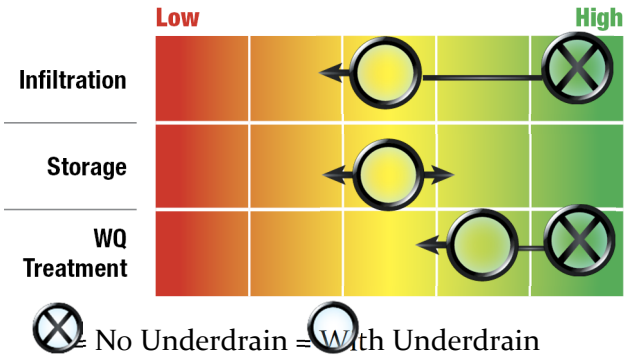
Permeable pavement is a stable load-bearing surface that allows for stormwater infiltration. Beneath the permeable surface is a crushed-rock reservoir that provides structural support while allowing runoff to percolate to the underlying soils. Permeable pavement can be fully infiltrating or can have an underdrain like bioretention and biofiltration practices, respectively?







BMP Performance Functions



Design Variations

Several design variations include:

- ***Pervious Concrete:*** fines are excluded from typical concrete aggregate to create permeable void space within the section.
- ***Porous Asphalt:*** fines are excluded from typical hot-mix asphalt to create pores within the section.
- ***Permeable Interlocking Concrete Pavers:*** Pavers that allow infiltration of rainwater through joints between the blocks.

Typical Design Components

Figure 4.A-7 presents a typical design and highlights potential design variations:

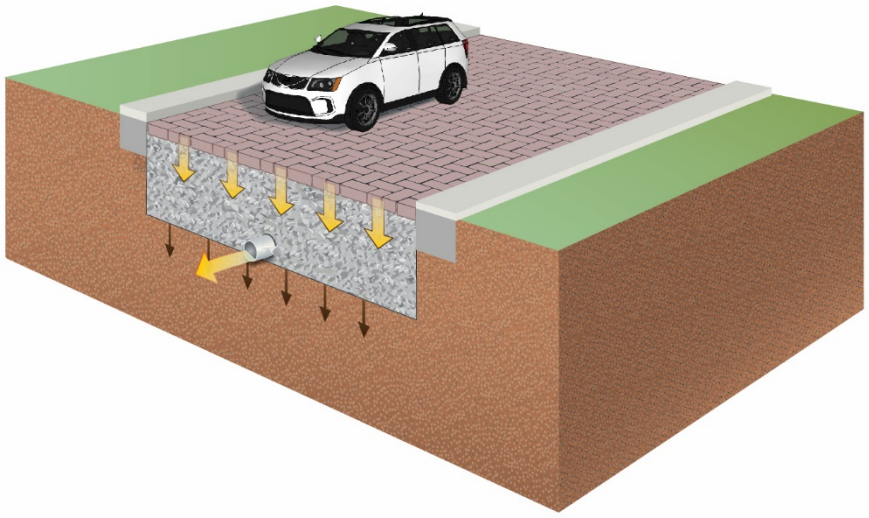


Figure 4.A-7. Typical distributed permeable pavement schematic showing underdrain option (arrows indicate water pathways).

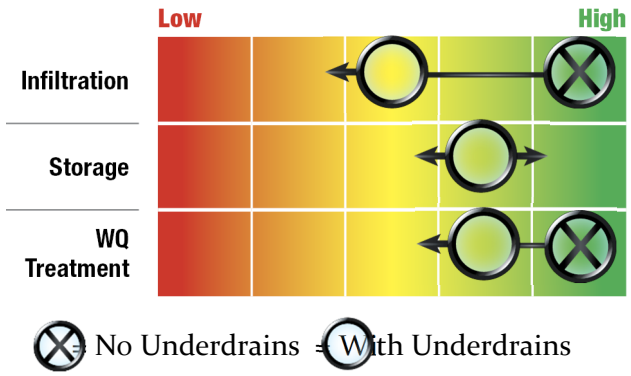
Green Streets (Green Infrastructure BMP)

Green streets are systems of multiple BMPs arranged in a linear fashion within the street right-of-way (as opposed to a parcel-based implementation). Green streets are designed to reduce runoff and improve water quality for the runoff from the roadway and adjacent parcels. Bioretention, biofiltration, and permeable pavement BMPs are commonly used in conjunction and can be hydraulically connected using subsurface stone reservoirs.





BMP Performance Functions



Design Variations

Green streets can feature several design variations. Some common features include:

- ***Linear Bioretention/Biofiltration:*** BMPs can be incorporated as linear systems between the road and parcel to intercept runoff from both roadways and properties.
- ***Curb Extensions:*** bioretention/biofiltration BMPs "bumpouts" can intercept gutter flow.
- ***Permeable Parking Lanes:*** street parking can be designed with permeable pavement to intercept roadway runoff.

Typical Design Components

Figure 4.A-8 presents a typical design and highlights potential design variations:



Figure 4.A-8. Typical distributed green street schematic (arrows indicate water pathways).

Infiltration BMPs (Green Infrastructure BMP)

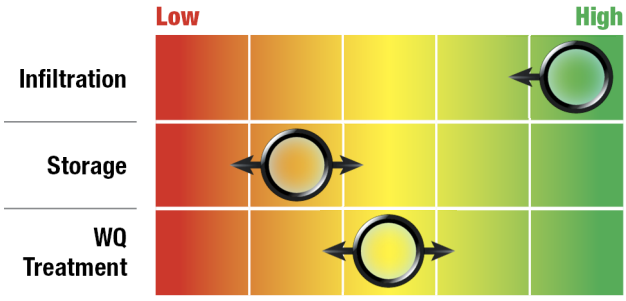
Infiltration BMPs capture and infiltrate runoff into underlying soils. Runoff is typically stored in subsurface trenches or pits filled with engineered soil media, gravel, or concrete chambers. Some infiltration BMPs that inject water into subsurface reservoirs are considered class V injection wells and must be registered as such. Infiltration BMPs are unvegetated (see Bioretention for vegetated practices).


Various Dry Well Sizes
Source: www.peerlessconcrete.com


Infiltration Trench


Infiltration Trench

BMP Performance Functions



Design Variations

Several design variations include:

- ***Infiltration Trench:*** a media-filled trench that captures runoff in the pore space of gravel or soil prior to infiltration.
- ***Dry/Wet Well:*** a gravel-surrounded vault with perforated walls that receives runoff from a pipe and allows direct infiltration into the ground.
- ***Rock Well:*** a gravel-filled pit that receives runoff from a pipe. This BMP is essentially a dry well without a concrete vault.

Typical Design Components

Figure 4.A-9 below presents a typical design and highlights potential design variations:

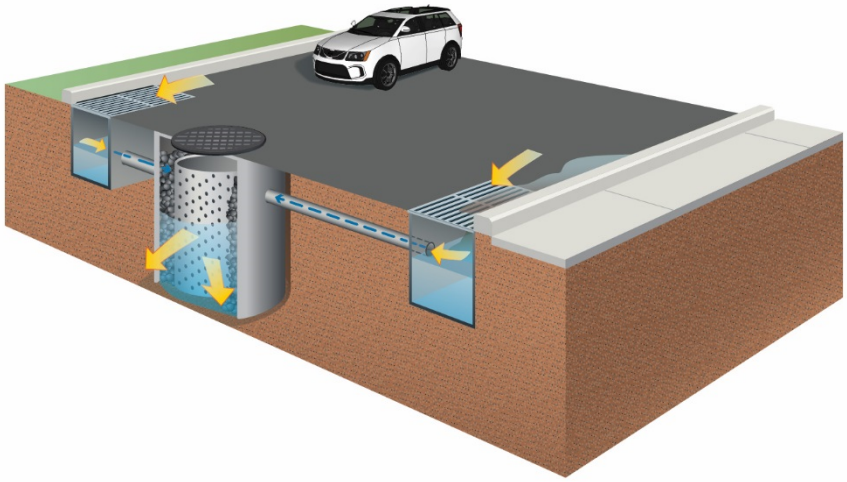


Figure 4.A-9. Typical distributed infiltration BMP schematic showing perforated concrete dry well variation (arrows indicate water pathways; for infiltration trenches, see Figure 4.A-6 and omit vegetation).

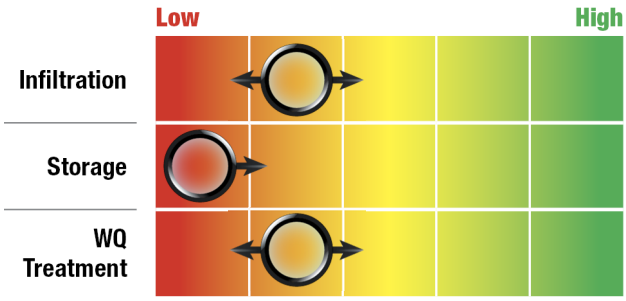
Bioswales (Green Infrastructure BMP)

Bioswales are practices that convey uniform sheet flow through vegetated, shallow depressions to remove sediment-associated pollutants by settling and straining. Infiltration and filtration through soil media are not key components of bioswales; rather, bioswales are typically implemented to act as pretreatment and used to transport runoff to an associated structural BMP.





BMP Performance Functions



Design Variations

Several design variations include:

- ***Vegetated Swale:*** linear, vegetated channels used to convey concentrated flow from the contributing area to a structural BMP. Check dams can be added in areas of steep slopes or to further decrease the flow rates and spread the runoff over a larger area.
- ***Vegetative Filter Strip:*** broad-sloped, vegetated areas used to convey sheet flow from the contributing area to a structural BMP or other conveyance channel.

Typical Design Components

Figure 4.A-10 presents a typical design and highlights potential design variations:

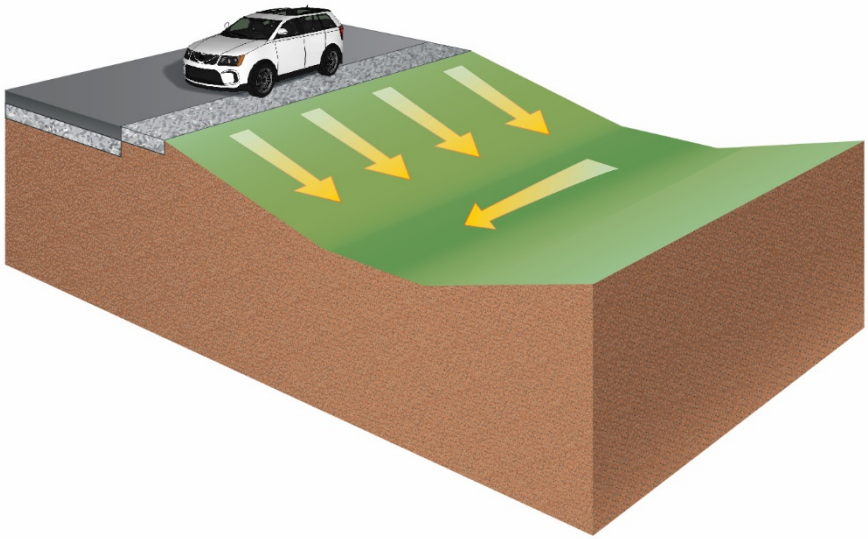


Figure 4.A-10. Typical distributed bioswale schematic (arrows indicate water pathways).

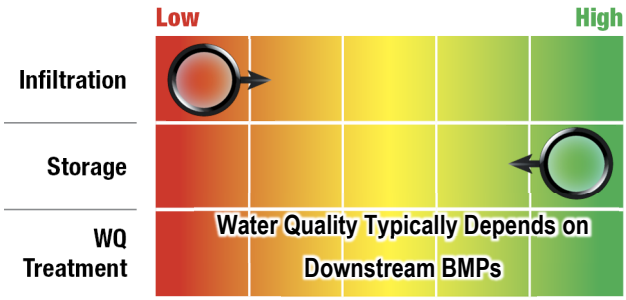
Rainfall Harvest (Green Infrastructure BMP)

The primary goal for rainfall harvest is improving water quality by intercepting rooftop runoff and lowering the overall impervious impact of a developed site. Runoff can be reduced through interception and evapotranspiration on green roofs or used for alternative uses with a cistern or rain barrel.





BMP Performance Functions



Design Variations

Several design variations include:

- ***Green Roof:*** engineered, vegetated roof structures intended to intercept rainfall in a growing medium. Rooftop detention can be incorporated if structures allow.
- ***Cisterns and Rain Barrels:*** storage tanks used to intercept and store rooftop runoff. Captured runoff can be reused to offset non-potable water uses such as irrigation and toilet flushing. Alternatively, stored water can be slowly released to a pervious surface.

Typical Design Components

Figure 4.A-11 presents a typical design and highlights potential design variations:

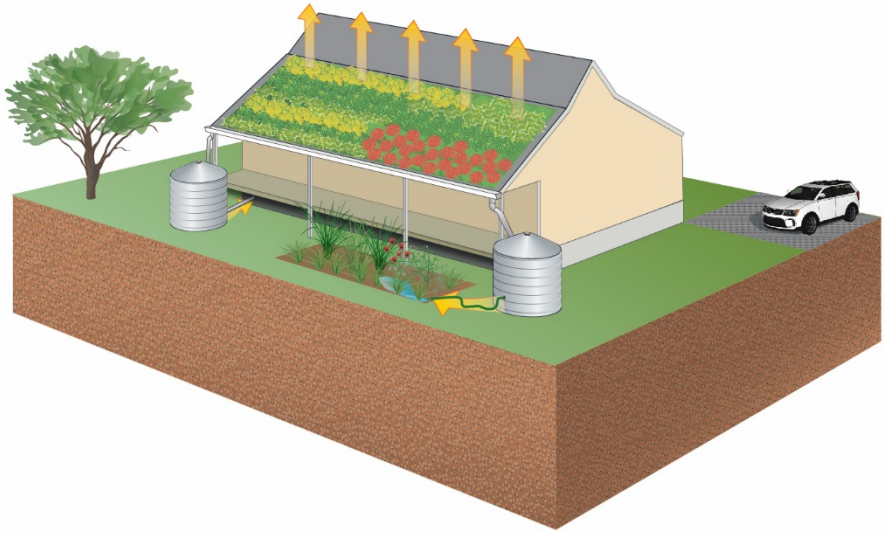
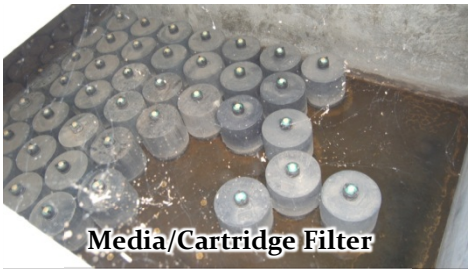


Figure 4.A-11. Typical distributed rainfall harvest schematic (arrows indicate water pathways).

Flow-Through Treatment BMP (Distributed BMP)

Manufactured flow-through devices are commercial products that aim to provide stormwater treatment using patented, innovative technologies. Typical types of manufactured devices for stormwater management include cartridge filters, media filters, and high-flow biotreatment devices.

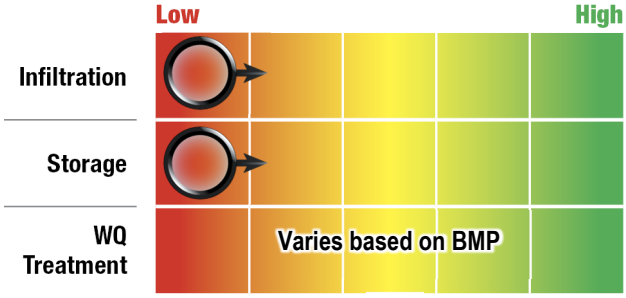


Media/Cartridge Filter



High-Flow Biotreatment
(photo source: Jonathan Page, NCSU-BAE)

BMP Performance Functions



Design Variations

Several design variations include:

- ***Media/Cartridge Filters:*** proprietary filtration devices used to remove pollutants.
- ***High-Flow Biotreatment Device:*** modular, vault-type practices containing high-flow media. Typically incorporate vegetation.

Typical Design Components

Figure 4.A-12 presents a typical design and highlights potential design variations:

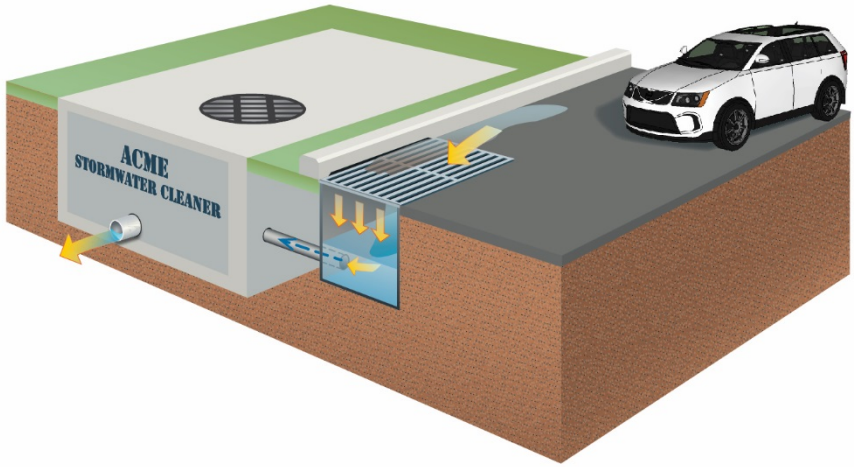


Figure 4.A-12. Typical distributed flow-through treatment BMP schematic (arrows indicate water pathways).

Source Control Structural BMPs (Distributed BMP)

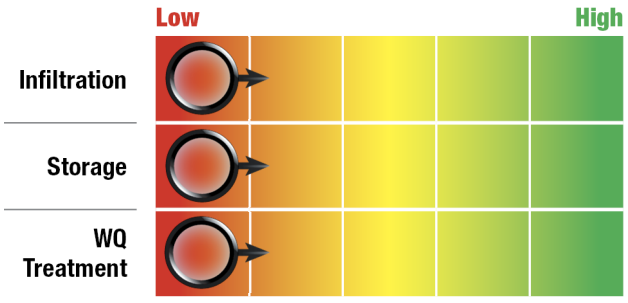
Source control structural BMPs are commercial products designed to treat runoff in highly urbanized environments. Mechanical separation, or more complex physicochemical processes, provides separation of gross solids and other pollutants. Many models feature media or materials designed to sequester hydrocarbons and other pollutants. Also includes trash full-capture devices.


Catch Basin Insert


Hydrodynamic Separator


Catch Basin Insert

BMP Performance Functions



Design Variations

Several design variations include:

- ***Hydrodynamic Separators:*** mechanical devices that use screens, baffles, and/or vortical flow to separate sediment and gross solids.
- ***Catch Basin Inserts:*** inserts that use nets, screens, fabric, and/or filtration media to gross solids, fine sediments, oils, and/or grease from runoff entering a catch basin.

Typical Design Components

Figure 4.A-13 presents a typical design and highlights potential design variations:

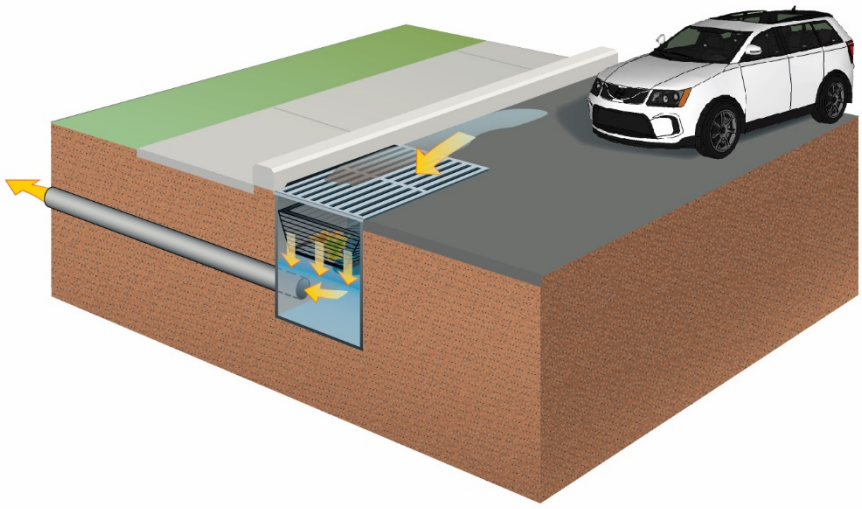


Figure 4.A-13. Typical distributed source control structural BMP (arrows indicate water pathways).

Appendix 4.B
Regional Project Selection Process and Preliminary List of Projects

FINAL TECHNICAL MEMORANDUM

REGIONAL PROJECT SELECTION PROCESS AND PRELIMINARY LIST OF PROJECTS

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PREPARED FOR

Ballona Creek Watershed Management Group

JUNE 11, 2015

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1 Background

The purpose of this memo is to describe the outcome of the process used by the Ballona Creek (BC) Watershed Management Group (WMG) to select a preliminary list of regional projects that will be evaluated for inclusion in the Enhanced Watershed Management Plan (EWMP) to be submitted to the Regional Board in June 2015. The results of this process will be used to develop a set of regional projects, as well as to develop a set of potential regional project locations that can be evaluated for inclusion during future EWMP updates through adaptive management.

The EWMP development process defined on page 48 of the MS4 permit allows for: "… collaboration among Permittees and other partners on multi-benefit regional projects that, wherever feasible, retain (i) all non-storm water runoff and (ii) all storm water runoff from the 85th percentile, 24-hour storm event for the drainage areas tributary to the projects, while also achieving other benefits including flood control and water supply, among others."

In discussions with WMG members, it was determined that it would be useful to identify and include the broadest group of all potential regional BMP projects and locations, and not simply the subset of projects that could capture the 85th percentile storm, referred to as Regional EWMP Projects. Goals of the regional projects selection process include the following:

- To demonstrate regulatory progress: The regional projects envisioned by the WMG are structural BMPs intended to collect and treat runoff from a large contributing area, normally composed of multiple land uses and many parcels. These projects will provide progress towards compliance, and their effectiveness will be quantified by the Reasonable Assurance Analysis. Even regional projects that are unable to retain the 85th percentile, 24-hour storm can be quite cost-effective for stormwater management.
- To provide a road map: The EWMP is intended to be a road map which guides WMG members and their respective Public Works Departments, Planning Departments, and elected officials on specific projects and project locations being considered in their jurisdictions. Through the process of identifying and evaluating potential regional BMPs, the WMG members and the consultant team will suggest specific potential project locations (both Regional EWMP Projects and regional BMPs) for inclusion in the EWMP. The EWMP will then serve as a useful tool to WMG members who are developing and implementing capital improvement programs.
- To illustrate a vision for the future: The EWMP is expected to provide a clear vision for the future of stormwater management in the watershed, including signature regional projects. These projects will clearly demonstrate value and progress, and their success will help build public support and momentum for additional projects and the funding needed to support them.

The following sections present the methodology employed to develop the list of potential regional project locations for initial screening, and the resulting preliminary list of regional projects.

2 Methodology for Developing a Set of Regional Projects

The process for selecting regional project locations was developed based on the input and guidance of the WMG at monthly meetings, as well as individual discussions with many of the member agencies. The process for identifying potential regional project locations and selecting the preliminary list of potential regional projects in the BC watershed is described below.



2.1 STEP 1 – COMPILE EXISTING/PLANNED REGIONAL PROJECT LOCATIONS

Planned and potential regional BMPs have been identified in a number of watershed management or TMDL implementation plans developed by public agencies or organizations in the watershed over the past decade or more. A summary list of these planning documents and a detailed list of these planned regional BMPs were compiled as a part of the process to develop the EWMP Work Plan and submitted to the Regional Board in June 2014. While some of the projects in these plans have been implemented, many are still in the planning stages, and not yet implemented. These potential or "planned" regional BMPs identified in Step 1 represent projects that could be incorporated into the EWMP. This compiled list of planned regional BMPs was combined with the list of potential new regional project locations identified in Step 2 below, and evaluated together in Step 3 below.

2.2 STEP 2 – IDENTIFY NEW/POTENTIAL REGIONAL PROJECT LOCATIONS

In addition to developing a comprehensive list of planned regional projects in Step 1, a more comprehensive analysis was conducted in Step 2 to identify other new/potential regional project locations that were not known to have been previously identified as candidates. Opportunities and constraints for potential regional project locations were identified in discussions with WMG members. Corresponding data sets were identified to assist with this initial screening analysis including the Los Angeles County parcel land base geographic information system (GIS), the 2013 Los Angeles County tax assessor information, and other watershed data. All parcels within the watershed were evaluated according to GIS criteria such as: parcel ownership, land use, parcel size, slope, proximity to 36" storm drain or open channel, tributary drainage area and other criteria described in more detail below. Each parcel was scored according to these criteria with the intent of developing a repeatable and transparent methodology. A summary is presented in Table 2-1 below of the initial GIS screening criteria, and the fatal flaws used in the analysis.

It should be noted that although the screening process is presented below as a series of criteria in a stepwise manner, multiple iterations and queries enabled WMG members to evaluate alternatives and make decisions throughout the process. The summary presented below is intended to characterize the process in the simplest manner, and the order of the criteria presented does not represent order of importance.

Furthermore, the MS4 permit describes that EWMP projects should be implemented "where feasible" and thus, reasons for infeasibility will be documented. These fatal flaws were defined by the WMG and serve as the basis for determining where projects are feasible. They may be revisited in future iterations of EWMP updates. For example, privately-owned parcels were excluded from this initial analysis because of significant issues that would need to be addressed before WMG members can enter into agreements to develop projects on these sites. In addition, parcels less than ¼-acre were excluded, because of the initial assumption that the footprint available for a regional BMP would not be large enough to allow for a significant project.

Table 2-1 Initial GIS Screening Summary

CRITERIA	FATAL FLAW (EXCLUDE FROM FURTHER ANALYSIS)	SCORE				
		Low Priority				High Priority
		1	2	3	4	5
Ownership	Privately-owned Federally-owned State-owned Cemeteries Jails/prisons Fire stations	Airports Public Schools (K-12)	---	Colleges Universities	Everything else	Park Golf courses
Upstream Tributary Land Use	Un-urbanized area: • Vacant • Undifferentiated • Undeveloped local/regional park • Mineral & oil Production	---	---	---	---	All Urbanized Areas
Parcel Size	< 1/4 acre	0.50 to 0.49 acre	0.50 to 0.99 acre	1.0 to 4.9 acre	5.0 to 24.9 acre	>=25 acres
Slope	>20%	15-19%	---	5-15%	---	0-5%
Proximity to 36" Storm Drain or Open Channel	>= 1000'	500-1000'	---	100-499'	---	<100'
Soil Contamination/ Liquefaction Potential	---	Within 100'	Liquefaction Area	---	---	Everything else
Tributary Drainage Area Size	---	Beyond 1000' of sub-watershed outlet	Small Drainage Area < 25th Percentile	26-50th Percentile	51-75th Percentile	Large Drainage Area > 75th Percentile
Water Quality Benefit	---	Less than 0.20 lbs/ac/yr	0.20 - .049	0.5 - .69	.70 - .99	Greater than 1
Impervious Area (acres of impervious area in sub-watershed)	---	Beyond 1000' of sub-watershed outlet	Under 100 acres	100-400 acres	400-800 acres	800-2100 acres

The following sections (2.2.1 – 2.2.10) provide further details on the initial GIS screening process and the criteria used to select and rank the potential regional project locations. Figure 2-1 presents a depiction of the sequential results generated during this initial screening process.

2.2.1 Parcel Ownership

The County of Los Angeles Office of the Assessor published the Local Roll Release in July 2013 from its Property Assessment Information System (PAIS). The publication indicates a total of 287,651 parcels are located within the Ballona Creek watershed. This dataset includes only parcels with an APN number, and does not include easements, alleys, or right-of-way. Public ownership was the initial selection criterion chosen by the WMG members, based on the assumption that it is infeasible at this time for WMG members to commit to developing regional BMPs on privately-owned parcels.

A subset of 4,236 parcels was identified as publicly-owned (as officially defined by the tax assessor with a 900 suffix in the APN numbering system). At the direction of the WMG members, 339 additional publicly-owned parcels were initially removed from consideration because they were either state or federally-owned, a cemetery, prison, or fire station, and deemed infeasible for further consideration at this time.

2.2.2 Upstream Tributary Land Use

The resulting 3,897 publicly-owned parcels were then evaluated using Land Use Dataset as published in 2005 by Southern California Association of Governments (SCAG). The following land use types were excluded from further analysis: vacant undifferentiated, undeveloped local/regional park, and mineral-oil facilities. As a result, 556 parcels were excluded, with 3,341 potential regional site locations remaining.

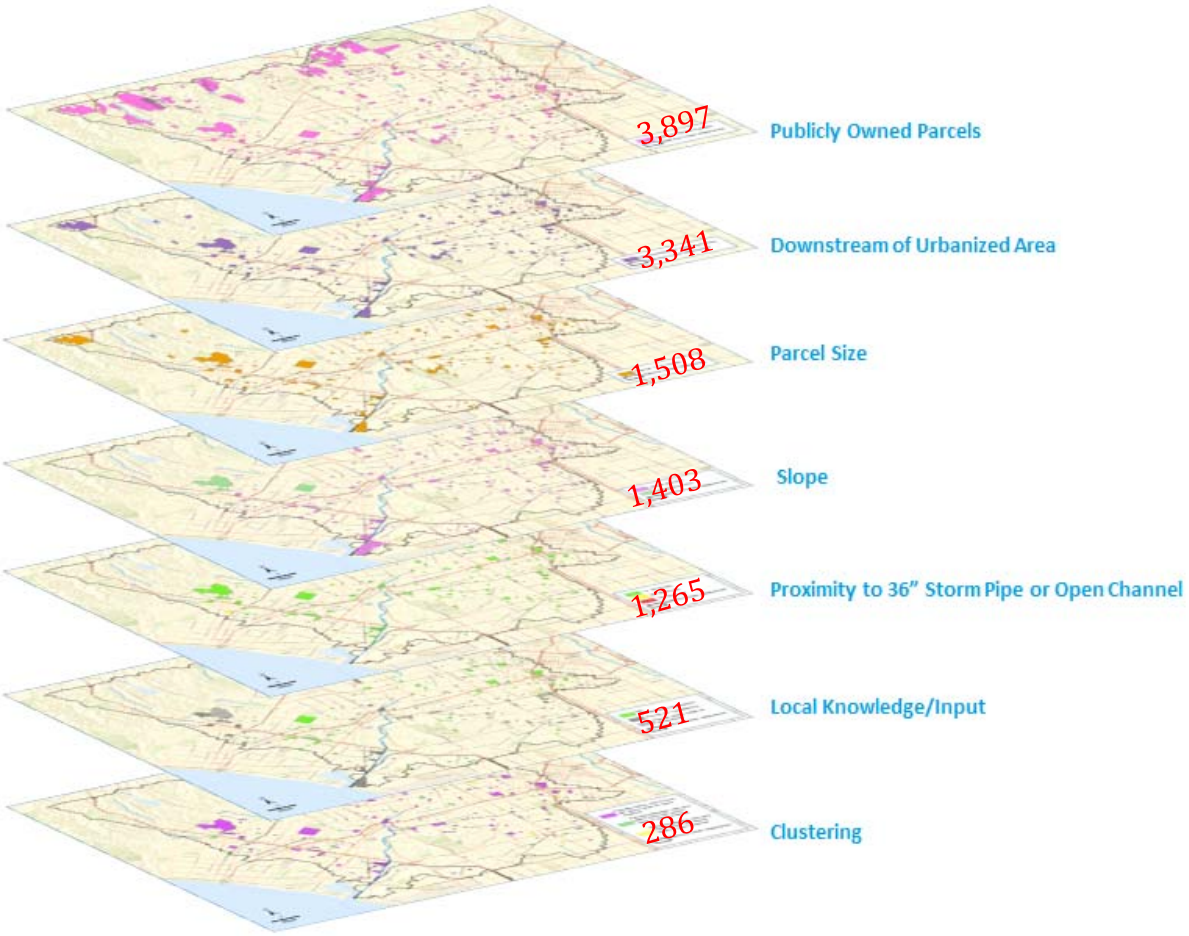
2.2.3 Parcel Size

Small parcels (less than ¼ acre in size) were excluded from the analysis as inappropriate for further analysis at this time. This resulted in 1,508 candidate parcels. A histogram of the data for all remaining candidate parcels was developed and parcels were assigned relative scores based on parcel size (larger parcels = 5, smaller parcels = 1).

2.2.4 Slope

USGS's Digital Elevation Model (40 foot contour quad map) was used to estimate the average slope of each parcel in the watershed. The grid size used in the analysis was 100 feet. Any parcels with an average slope greater than 20% were excluded in further screening as infeasible, resulting in 1,403 parcels. Remaining parcels were then scored according to slope (flat slope = 5, steeper slope = 1).

Figure 2-1 Process Overview



2.2.5 Proximity to Storm Drain or Open Channel

The Los Angeles County storm drain system is represented within a geometric network model representing the storm drain infrastructure within Los Angeles County. This GIS data (published 6/2014) was used to determine proximity to a 36-inch storm drain (or larger). In addition, the National Hydrography Dataset was used as the data source for the location of all open channels in the watershed. Any parcels which was not within 1,000-feet from a 36-inch storm drain or open channel was excluded from further analysis. The resulting 1,265 parcels were then scored with a relative proximity to a storm drain or open channel (proximity greater than 500 feet = 1, proximity within 100 feet = 5).

2.2.6 Soil Contamination and Liquefaction Potential

Brownfield site locations were obtained directly from the State of California's Department of Toxic Substances Control. LA County's Liquefaction GIS layer was also used to evaluate relative value of parcels for potential regional project locations. Parcels within 100 feet of a brownfield site or liquefaction area received a 1 or 2 score, respectively. All other parcels were assigned a high score (5). No parcels were excluded during this analysis, thus resulting in 1,265 potential regional project locations.

2.2.7 Tributary Drainage Area Size

In recognition that larger tributary drainage areas will very likely generate greater pollutant loadings in this heavily urbanized watershed, estimates of tributary area within 1000 feet of the outlet of each subwatershed were generated. The subwatershed GIS layer from the Watershed Management Modeling System (WMMS) was used as the primary data source for estimating tributary drainage area. In Ballona Creek, there are 114 subwatersheds. For parcels within 1000 feet of a subwatershed outlet, the subwatershed area was used as a surrogate for potential drainage area that could be captured by a regional BMP on the parcel. Parcels were scored according to estimated tributary drainage area based on the relative size of the nearby WMMS subwatershed (high tributary drainage area = 5, and low drainage area = 2) for parcels within 1000 ft from the outlet of a subwatershed. For parcels not within 1000 feet of a subwatershed outlet, a score of 1 was assigned.

2.2.8 Water Quality Benefit

To estimate the potential water quality benefit associated with implementing a project on each parcel, the Loading Simulation Program – C++ (LSPC) watershed model in the Watershed Management Modeling System (WMMS) was used to quantify the yield of total zinc [lbs/acre/year] for each of the 114 subwatersheds in the Ballona Creek watershed. Zinc was used because it has been identified as a limiting pollutant for the RAA. Subwatersheds with greatest zinc yield (greater than 1 lb/ac/year) were assigned a high score (5), and areas with progressively smaller zinc loadings were assigned progressively smaller scores (from 4 to 1). Parcels within those subwatersheds were assigned the same zinc-ranked scores to highlight areas where the most BMP capacity is likely needed to address Water Quality Priorities.

2.2.9 Impervious Area

The subwatershed GIS layer from the Watershed Management Modeling System (WMMS) was also used as the primary data source for estimating impervious area. In recognition that tributary areas with greater imperviousness will generate higher runoff volumes, estimates of the amount of impervious area (acres) for each of 114 subwatersheds were developed. Similar to tributary drainage area, the impervious area of the nearby subwatershed was used to assign a score to each parcel. High impervious values were assigned a high score (5) and low impervious values were assigned a low score (2). Parcels beyond 1000 feet of an outlet of a WMMS subwatershed were assigned a value of (1).

2.3 STEP 3 – EVALUATE/PRIORITIZE REGIONAL PROJECT LOCATIONS

2.3.1 Local Knowledge and Input from Member Agencies

The initial GIS screening analysis identified 1,265 parcels not subject to fatal flaws, which were scored and ranked for each WMG member and for the watershed as a whole, utilizing the scoring criteria described in Section 2.2 above. Maps and corresponding lists were distributed to each of the member agencies, and each member agency then used local knowledge to further refine the initial screening.

Based on written and verbal feedback from the member agencies, many additional parcels were removed from consideration as infeasible at this time, primarily due to the single criterion that the

parcels were not owned by them. (The WMG members originally requested a database of all publicly-owned parcels within their jurisdictions. Many publicly-owned parcels are owned by public agencies other than the WMG members.) Other reasons used to determine infeasibility during this step in the process included: recent improvements to the site, buildings not identified on the GIS layer, known contamination or other local constraints, or simply the GIS layer was inaccurate. A total of 521 parcels were confirmed to be strong candidates for potential regional project locations. Some WMG members chose to include school sites that met the GIS screening criteria in their list, even though these sites are owned by school districts which are separate government agencies. The rationale for including these sites as a special case is discussed in further in the next section.

2.3.2 Final Score & Ranking

A final score was calculated for each parcel using a subset of the criteria in Table 2-1 above in order to emphasize potential *water quality benefit*. Based on discussions with the WMG members, the other criteria such as soil contamination, slope and other constraints were not used in the final scoring to ensure sites with the highest potential water quality benefit were emphasized. The criteria used for final score and ranking were the following:

- Parcel Size
- Tributary Drainage Area
- Water Quality (Zinc)
- Impervious Area

2.3.3 Clustering

To emphasize opportunities rather than parcels, parcels located directly adjacent to each other were clustered together into groups for the purposes of identifying potential regional project locations. A total of 521 individual parcels were further refined into 286 clusters, each with a unique ID numbering system. The score for each parcel within each cluster was area-weighted to develop a cumulative score for each cluster. Each cluster was then ranked within each WMG jurisdiction, as well as throughout the watershed as a whole, to allow WMG members to evaluate the relative value of each potential regional project location. Maps and summary tables for each of the 286 clusters can be found in Attachments A – F.

3 Step 4 – Recommend Projects for Implementation

The process of identifying potential regional project locations has generated a large list of opportunities that will be useful in capital planning for years to come. The WMG members determined it would be helpful to define several tiers of opportunities within that large list to assist them with planning and implementation.

3.1.1 Tier Definition for Regional Projects

Using the scoring system and local knowledge, three tiers were created based on an understanding that multiple planning horizons are being addressed through the EWMP process and its regional project selection process. As a general guide, the following three tiers were defined:

Table 3-1 Tier Classification

TIER	DEFINITION	
	Potential Planning Horizon for Further Evaluating Project Feasibility	**Approach for Project Inclusion during EWMP Development**
Very High	0 – 2 years	Projects will be included in EWMP, with details on each. Project effectiveness will be analyzed individually by the RAA. A subset of eight (8) projects will be subject to feasibility screening.
High	2 – 5 years	Projects will be included in EWMP but details on individual projects will not be presented. Overall effectiveness of entire tier of projects will be evaluated in bulk (not individually) by the RAA.
Medium	> 5 years	Projects will not be included in EWMP, but potential bulk effectiveness of this tier of projects will be quantified by the RAA modeling system to support future planning discussions.

The WMG recognizes that development of regional projects can take many years to permit, design, fund, and construct. However, in order to meet the aggressive compliance deadlines required by the MS4 Permit and TMDLs, details on a subset of projects (Very High) will be provided to the WMG in order to "jump start" the planning process. A second tier of project opportunities (High) will be included in the EWMP with less detail but will still provide the WMG with an understanding of the likely next set of projects to be considered for implementation. A third category of project opportunities (Medium, including school properties) will be provided to the WMG for future consideration, recognizing that agreements with other land owners can be developed.

3.1.2 Tier Classification for Regional Projects

Planned projects from previous watershed plans and TMDL Implementation Plans identified in Step 1 were mapped in GIS and overlaid with the 286 clusters identified as potential new regional project locations in Step 3. The majority of the planned projects were confirmed through the initial GIS initial screening analysis to be strategically located to accomplish significant water quality

benefits. Each WMG member agency received an updated map and list which was a compilation of planned projects from Step 1 and potential new regional project locations from Step 3. Based on discussions with WMG members, regional project opportunities were classified into the three tiers as follows:

- Very High: Parcels (or clusters of parcels) previously identified as Planned Projects in Step 1, and also identified as having scored highly in Step 3 for potential new regional project locations were placed in the "Very High" tier. In addition, some agencies nominated projects/locations to this tier due to local interest, public acceptance or political momentum.
- High: Parcels (or clusters of parcels) which scored highly and owned by WMG Members were placed in the "High" tier.
- Medium: Parcels (or clusters of parcels) which met the initial GIS screening criteria, but not owned by WMG Members, were placed in the "Medium" tier. For example, schools identified in either Step 1-3 were placed in the "Medium" tier, with the recognition that while these sites could likely provide significant water quality benefits, there are institutional challenges that must be addressed in the coming years to develop appropriate agreements with local school districts to move forward with regional projects on these sites.

WMG members could elect to move a regional project location to a higher or lower tier based on local knowledge, project readiness, or other factors, such as their jurisdiction did not include a site which met the Very High. The recommended projects are summarized in Section 3.1.3 below.

Table 3-2 Tier Selection Criteria

TIER	SELECTION CRITERIA			WMG INPUT
	Scored Highly in the GIS Screening Criteria and also a Planned Project	**Met GIS Screening Criteria and Owned by WMG Member**	**Met GIS Screening but not Owned by WMG Member**	**Met GIS Screening and the agency chose to nominate the site to Very High**
Very High	X			X
High		X		
Medium			X	

3.1.3 Resulting Regional Project List

This section includes a series of tables and figures that present a summary of regional projects, or potential regional project locations, to be evaluated for inclusion in the EWMP for each WMG member. It is important to note that while regional project candidates are organized by jurisdiction, many of the projects would be multi-jurisdictional because they manage runoff from large upstream areas. The following tables and figures show the results of initial screening for regional projects:

- Table 3-3: WMG Summary - Number of Regional Project Opportunities by Tier
- Figure 3-1: Regional Project Opportunities - Location Map
- Figure 3-2: Regional Project Opportunities - Location by Subwatershed
- Table 3-4: Regional Project Opportunities – Very High Tier
- Figure 3-3: Regional Project Opportunities - Very High Tier Locations

Additional detailed lists and maps can be found in Attachments A through F.

Table 3-3 Member Agency Summary

MEMBER AGENCY	VERY HIGH TIER	HIGH TIER	MEDIUM TIER
City of Beverly Hills	1	0	5
City of Culver City	1	0	13
City of Inglewood	1	2	5
County of Los Angeles	1	0	2
City of Los Angeles	22	37	189
City of West Hollywood	1	2	4
SUBTOTAL	**27**	**41**	**218**
TOTAL (CLUSTERS)			**286**

Figure 3-1 Regional Project Opportunities - Location Map



Figure 3-2 Regional Project Opportunities - Location by Subwatershed

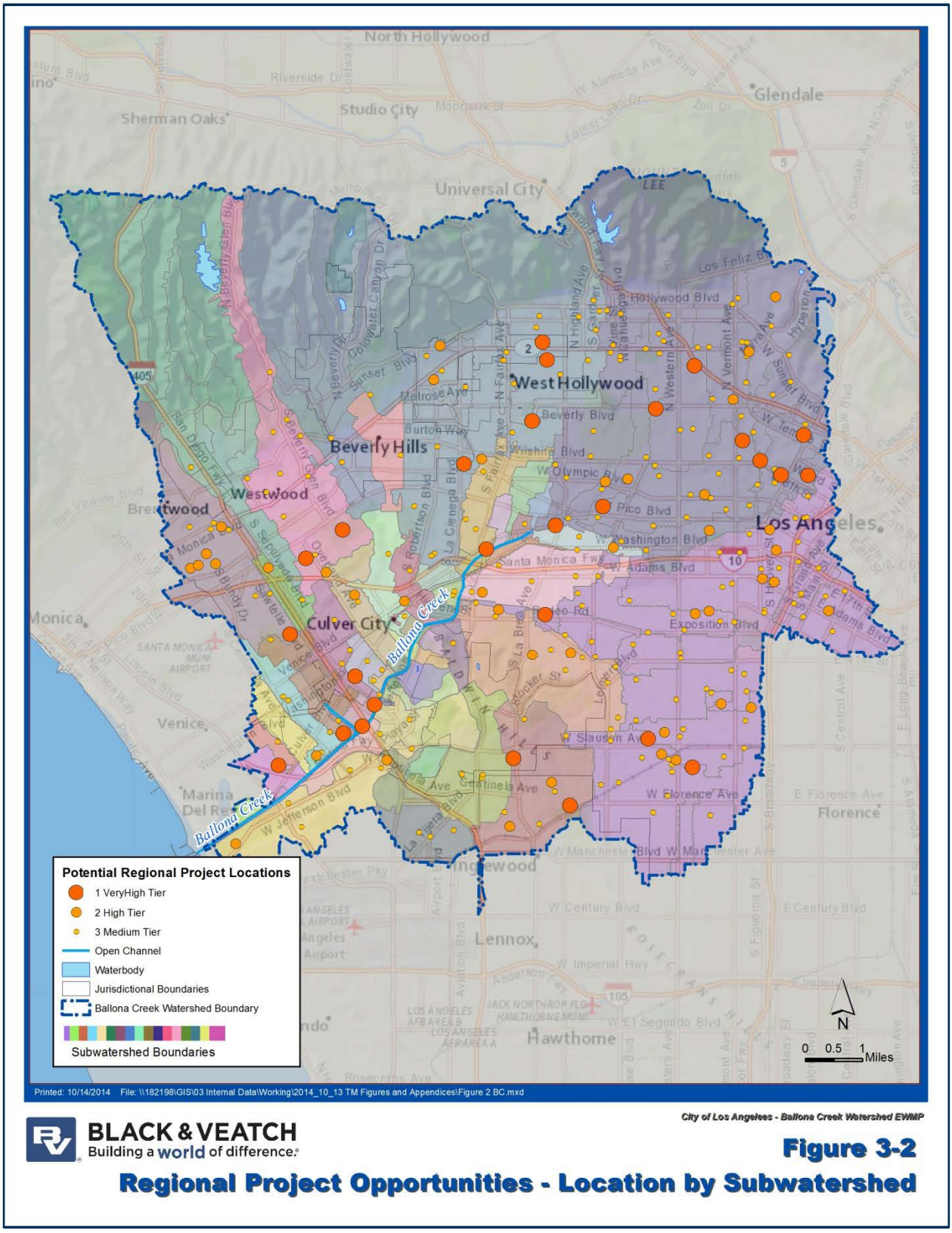


Table 3-4 Regional Project Opportunities – Very High Tier

	MEMBER AGENCY	CLUSTER ID	ACRES	DESCRIPTION
1	City of Beverly Hills	BH01	16.92	La Cienega Park (325 S La Cienega Blvd)
2	Culver City	CC01	5.05	Culver Blvd Median (Between Overland Ave And the 405)
3	Inglewood	IG01	50.56	Edward Vincent Park (700 Warren Ln)
4	City of LA	LA01	22.78	Mar Vista Recreation Center (11430 W Woodbine St)
5	City of LA	LA02	48.82	Rancho Cienega Park Water Quality Improvement And Beneficial Use Project (5001 Rodeo Rd)
6	City of LA	LA03	5.46	Shatto Rec Center (3191 W 4th St)
7	City of LA	LA04	9.08	Lafayette Park (625 S Lafayette Park Pl)
8	City of LA	LA05	8.95	Genesse Park (2330 S Genesee Ave)
9	City of LA	LA06	1.68	Burns Park (4900 Beverly Blvd)
10	City of LA	LA07	3.61	Street Median Along Venice Blvd (Between S Cochran Ave And S Longwood Ave)
11	City of LA	LA08	32.54	Macarthur Park (655 S Alvarado St)
12	City of LA	LA09	19.08	Mar Vista Gardens Housing Project (Marionwood Dr & Allin St)
13	City of LA	LA10	189.21	Cheviot Hills (10460 W Pico Blvd)
14	City of LA	LA11	4.82	Glen Alla Park (4715 Alla Rd)
15	City of LA	LA12	3.44	Culver Slauson Park (5072 S Slauson Ave)
16	City of LA	LA13	4.98	City-Owned Parcel Close To The Grove And Pan Pacific State Park (180 The Grove Dr)
17	City of LA	LA14	1.17	Housing Project (455 S Union Ave)
18	City of LA	LA15	0.52	City-Owned Parcel Adjacent To Ballona Creek
19	City of LA	LA16	12.88	Harvard Recreation Center (1535 West 62nd St)
20	City of LA	LA17	1.52	Lake Street Park And Community Center (227 N Lake St)
21	City of LA	LA18	6.29	Poinsettia Park (7341 Willoughby Ave)
22	City of LA	LA19	5.37	Queen Anne Recreation Center (1240 West Blvd)
23	City of LA	LA20	17.35	Van Ness Recreation Center (5421 S Van Ness Ave)
24	City of LA	LA21	3.53	Lemon Grove Recreation Center Subsurface Detention Basin (4959 Lemon Grove Ave)
25	City of LA	LA22	2.18	Westwood Neighborhood Greenway Project (2601 Westwood Blvd)
26	County of LA	LC01	14.39	Ladera Park (6027 Ladera Park)
27	City of West Hollywood	WH01	7.56	Plummer Park (7377 Santa Monica Blvd)

Figure 3-3 Regional Project Locations - Very High Tier



4 Next Steps

The results of the regional project selection process will be used to support the following next steps in the development of the EWMP:

- A subset of eight potential regional project locations will be selected from the list of Regional Projects - Very High Tier, and additional engineering feasibility will be performed, including an initial environmental study and preliminary soils infiltration assessment. A site concept will also be developed for each of the eight projects and included in the EWMP.
- The list of potential regional project locations will be used as input for several RAA model runs to allow WMG members information to make decisions, as well as to inform non-WMG members about the value of their publicly owned parcels.
  - The water quality effectiveness of individual projects in the Very High Tier, will be analyzed individually by the RAA.
  - The water quality effectiveness of the set of regional project opportunities in the High Tier of will be evaluated in bulk (not individually) by the RAA.
  - The water quality effectiveness of the set of regional project opportunities in the Medium Tier, with and without schools, will be evaluated in bulk (not individually) by the WMMS modeling system. It is anticipated these projects will not be included in the draft EWMP submitted in 2015.

5 References

LACDPW (Los Angeles County Department of Public Works). 2010a. *Los Angeles County Watershed Model Configuration and Calibration—Part I: Hydrology*. Prepared for County of Los Angeles Department of Public Works, Watershed Management Division, Los Angeles County, CA, by Tetra Tech, Pasadena, CA.

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Los Angeles County Office of the Assessor. 2013. *Property Assessment Information System (PAIS). Local Roll Release.* July 2013.

SCAG (Southern California Association of Governments). 2005. *Land Use Dataset*

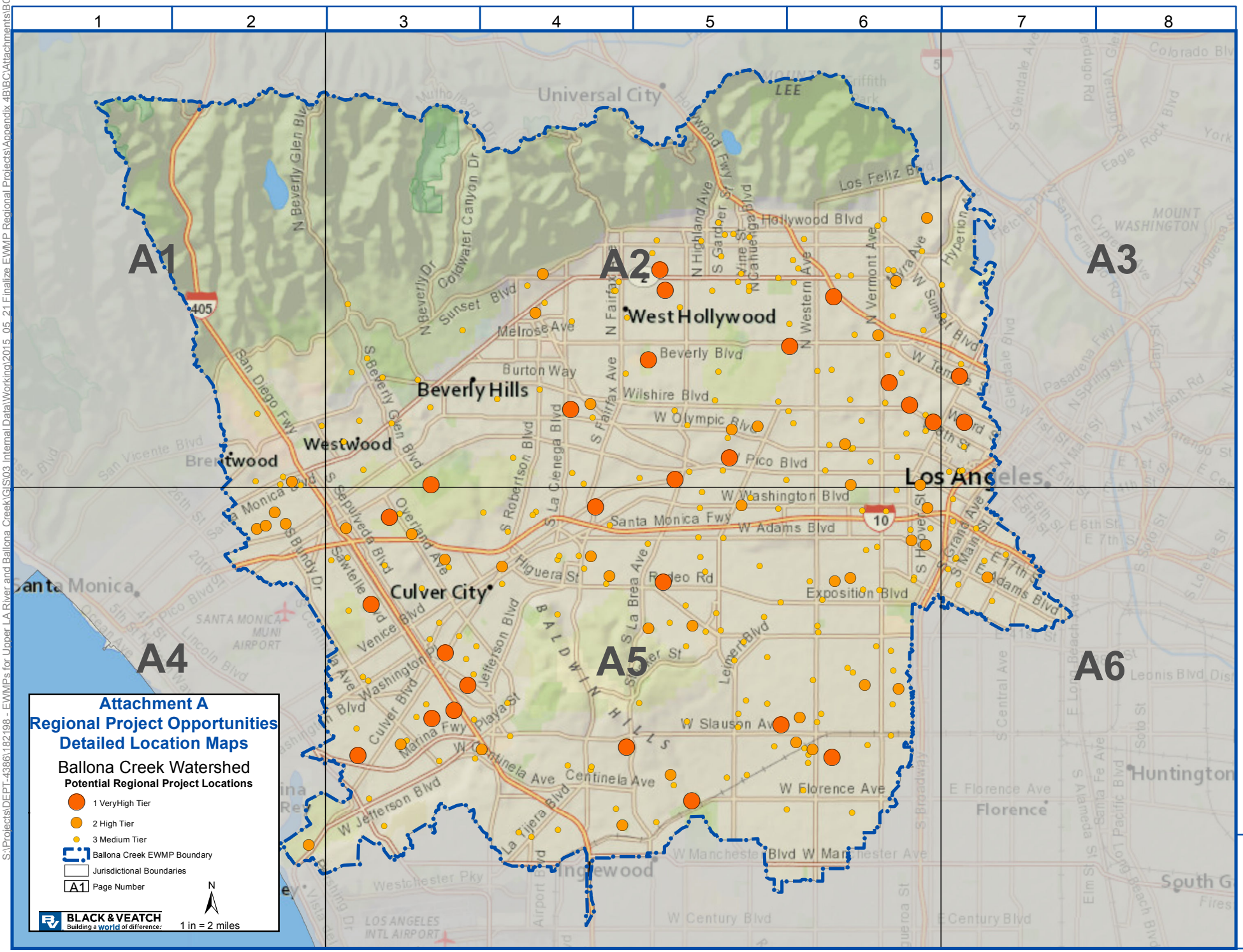
State of California Department of Toxic Substances Control. 2014. *Envirostor Brownfield Geographic Information System (GIS)*. June 2014.

USGS (U.S. Geological Survey), 20121105, USGS Contours for Los Angeles E, California 20121105 1 x 1 degree FileGDB 10.1: USGS - National Geospatial Technical Operations Center (NGTOC), Rolla, MO and Denver, CO.

USGS (U.S. Geological Survey). 2014. *National Hydrography Dataset*. June 2014.

LIST OF ATTACHMENTS

Attachment A – Regional Project Opportunities - Detailed Location Maps
Attachment B – List of Parcels in the Very High Tier
Attachment C – List of Parcels in the High Tier
Attachment D – List of Parcels in the Medium Tier/Excluding Schools
Attachment E – List of Parcels in the Medium Tier/School Districts Only
Attachment F – Notes on Publicly-Owned Parcels which were not nominated as a Regional Project



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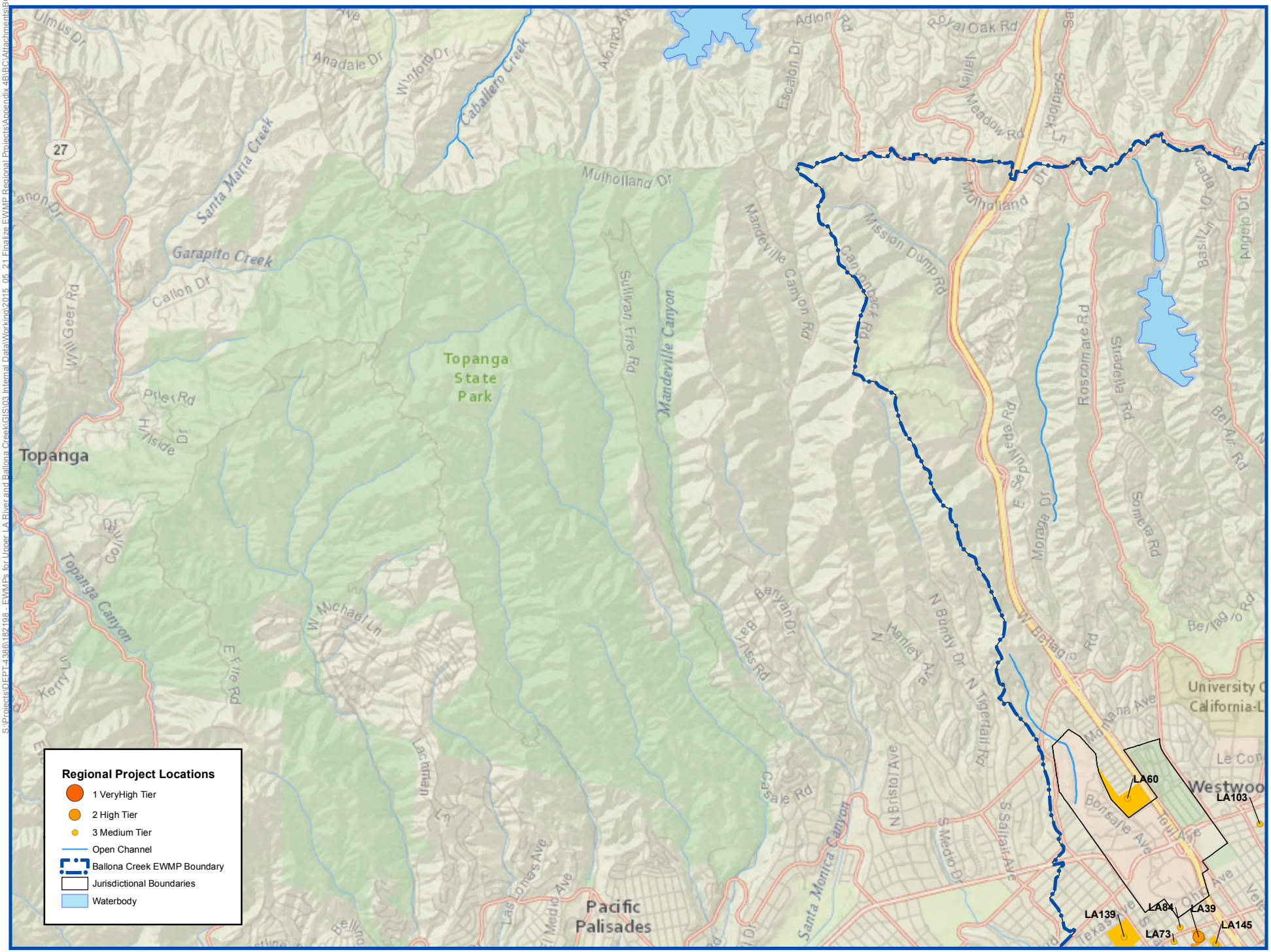

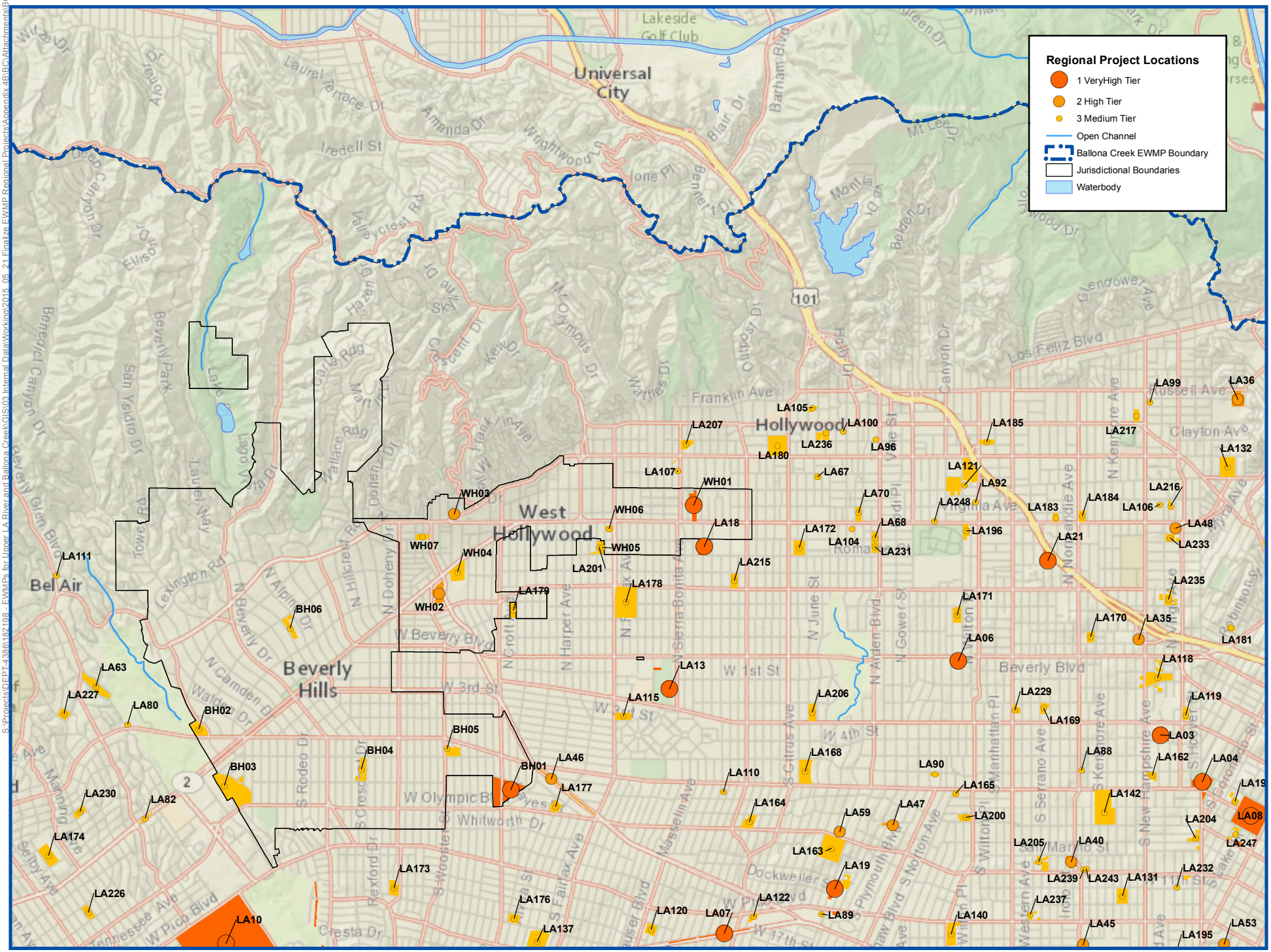

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Regional Project Opportunities - Detailed Location Maps

Attachment A2

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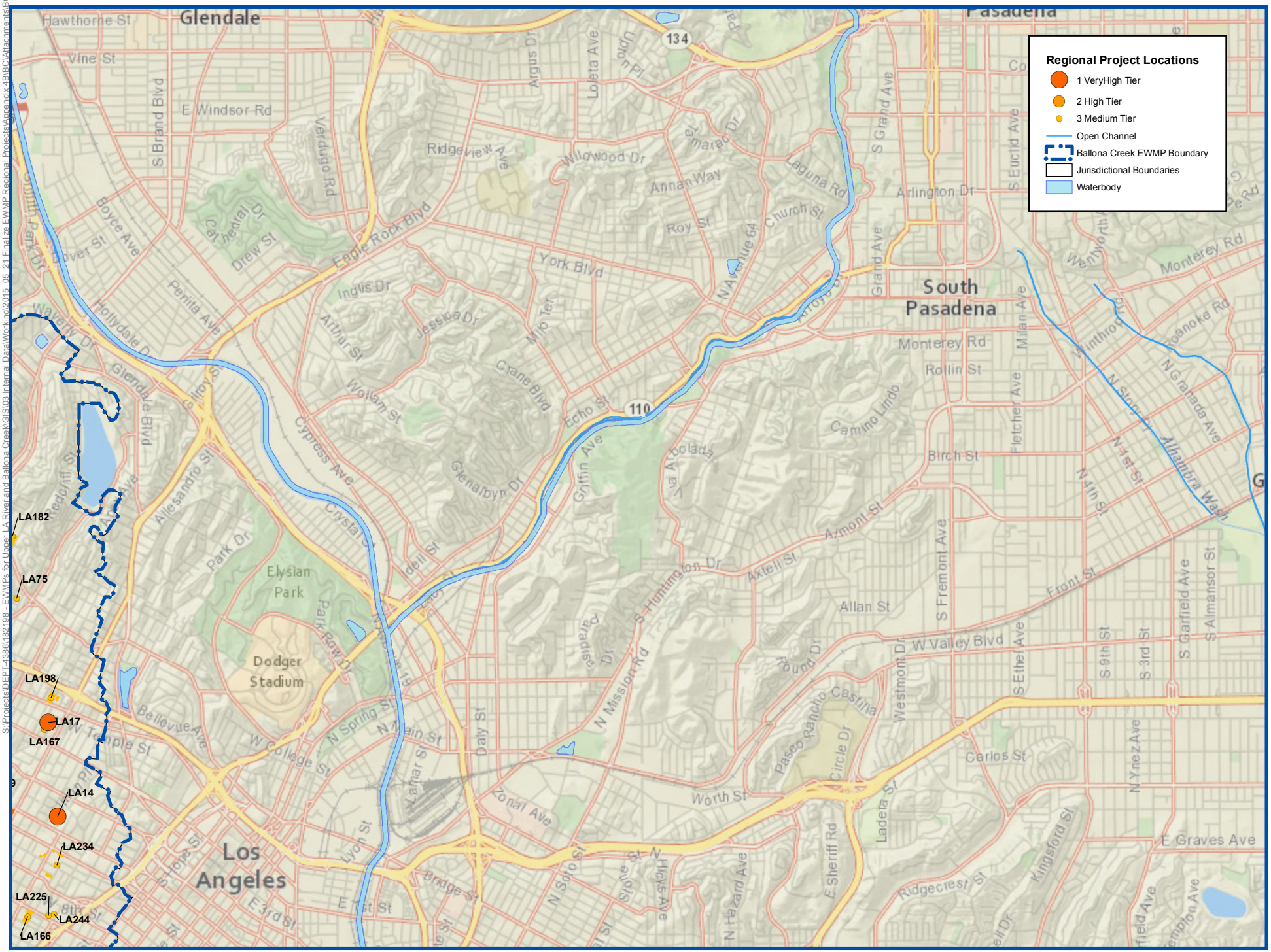
Regional Project Locations
1 VeryHigh Tier
2 High Tier
3 Medium Tier
Open Channel
Ballona Creek EWMP Boundary
Jurisdictional Boundaries
Waterbody
LA182
LA75
LA198
LA17
LA167
LA14
LA234
LA225
LA244
LA166
Glendale
Pasadena
South Pasadena
Los Angeles
Dodger Stadium
Elysian Park
134
110
Hawthorne St
Vine St
E Windsor Rd
S Brand Blvd
Verdugo Rd
Argus Dr
Loleta Ave
Ridgeview Ave
Willowood Dr
Annan Way
Roy St
Eagle Rock Blvd
York Blvd
Inglis Dr
Jessica Dr
Arthur St
Crane Blvd
Echo St
Griffin Ave
Cypress Ave
Glenalbyn Dr
Allesandro St
Park Dr
Park Row Dr
Dell St
Crystal St
Hollydale Dr
Waverly Dr
Perlita Ave
Boyce Ave
Cathedral Dr
Drew St
Dover St
Glendale Blvd
Alta Ter
Laguna Rd
Church St
Arroyo Dr
Grand Ave
S Grand Ave
S Euclid Ave
Arlington Dr
Monterey Rd
Rollin St
Milan Ave
Fletcher Ave
Wentworth Dr
Roanoke Rd
N Granada Ave
Alhambra Wash
Camino Lindo
Birch St
Alta Arboleda
Glenarbyn Dr
Azmont St
Axtell St
S Fremont Ave
N Fair Oaks Ave
N Fremont Ave
N Lake Ave
N Allen Ave
N Altadena Dr
N Michillinda Ave
N Sierra Madre Blvd
N Rosemead Blvd
N Lincoln Ave
N Hill Ave
N Marengo Ave
N Fair Oaks Ave
N Raymond Ave
N Fair Oaks Ave
N Arroyo Blvd

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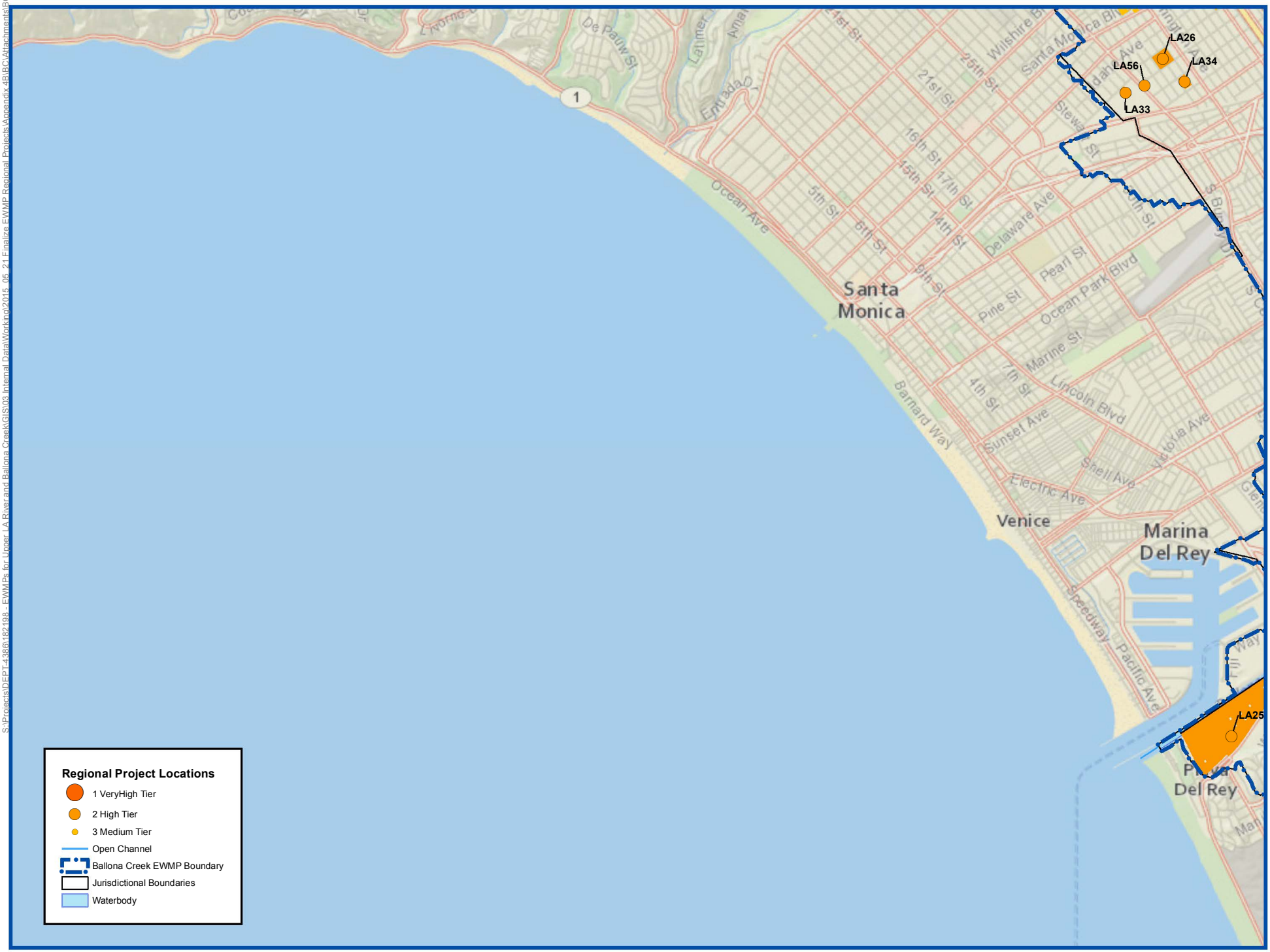

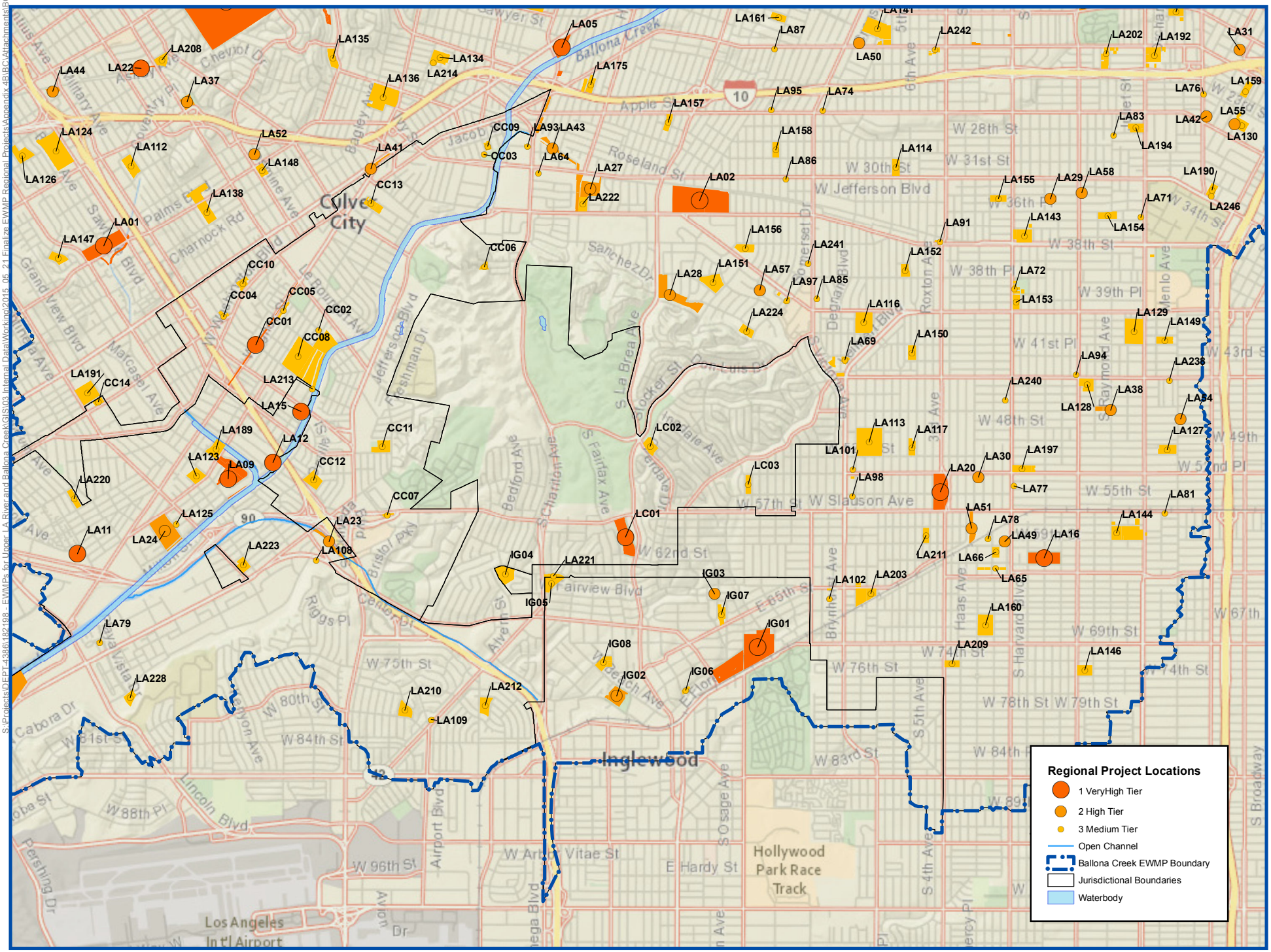

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Regional Project Opportunities - Detailed Location Maps

N 2,000 Feet

Attachment A5

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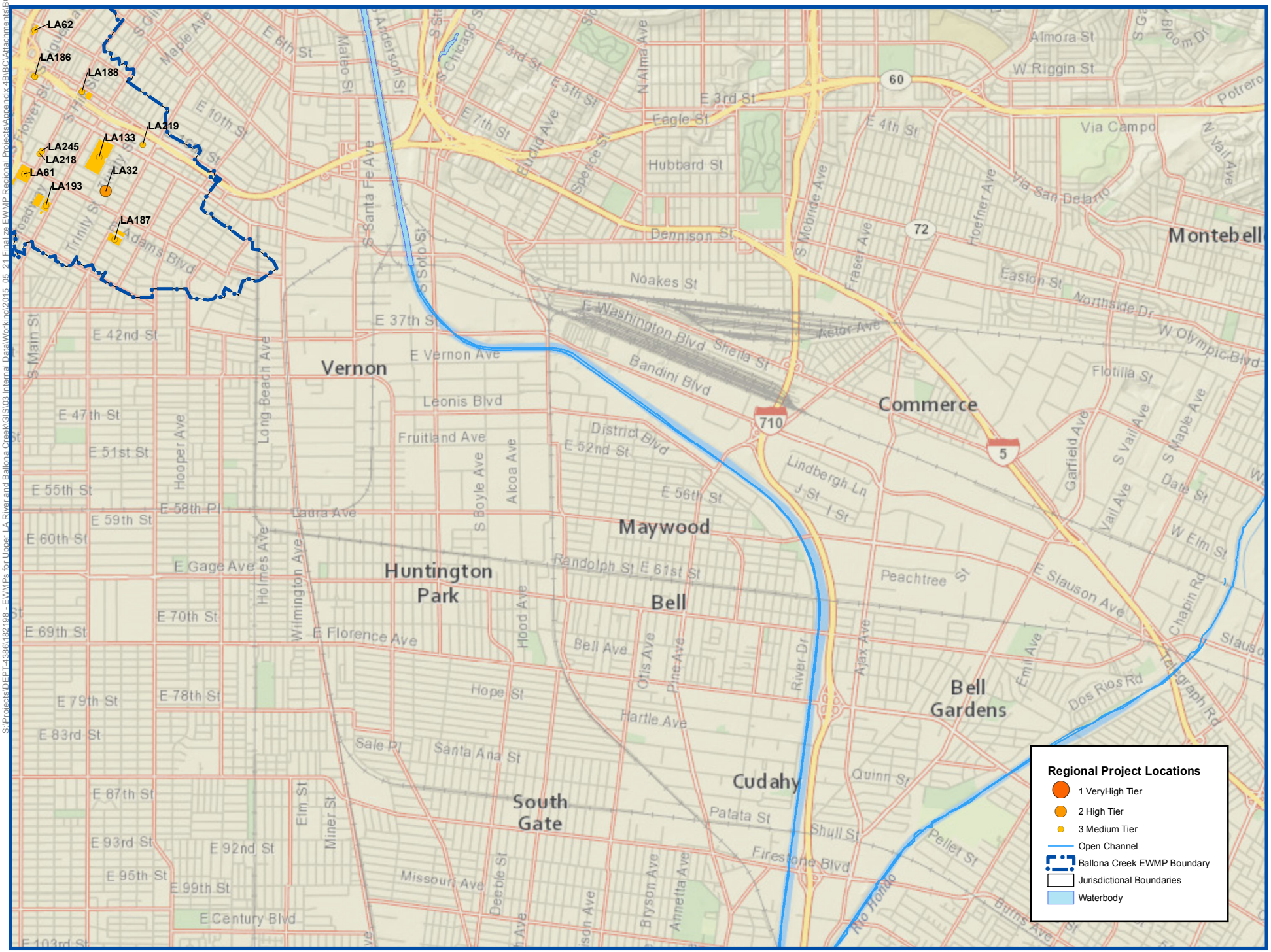

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Attachment B - List of Parcels in the Very High Tier

City	Cluster ID	AIN*	Acres	Cluster Score	Parcel Owner	Address	Appendix A	Latitude	Longitude
Beverly Hills	BH01	4333026900	7.06	10.99	BEVERLY HILLS CITY PARKING	325 S LA CIENEGA BLVD	A2	34.0614255	-118.3749690
Beverly Hills		4333026901	0.04	10.99	BEVERLY HILLS WATER DEPT				
Beverly Hills		4333031900	9.82	10.99	BEVERLY HILLS CITY				
Culver City	CC01	4208027900	0.49	8.56	CULVER CITY		A5	34.0069402	-118.4082050
Culver City		4208032900	0.70	8.56	CULVER CITY				
Culver City		4208032901	0.21	8.56	CULVER CITY				
Culver City		4213026900	1.00	8.56	CULVER CITY				
Culver City		4213026902	1.03	8.56	CULVER CITY				
Culver City		4213026903	1.10	8.56	CULVER CITY	4117 W WASHINGTON BLVD			
Culver City		4213026904	0.23	8.56	CULVER CITY				
Culver City		4217011903	0.27	8.56	REDEVELOPMENT AGENCY OF				
Inglewood	IG01	4013025900	1.32	10.52	INGLEWOOD CITY		A5	33.9741045	-118.3421283
Inglewood		4013028900	29.61	10.52	INGLEWOOD CITY				
Inglewood		4013029901	0.96	10.52	INGLEWOOD CITY				
Inglewood		4015015900	18.67	10.52	INGLEWOOD CITY				
Los Angeles	LA01	4249001901	0.32	18.66	L A CO FLOOD CONTROL DIST		A5	34.0177336	-118.4281926
Los Angeles		4249002900	19.73	18.66	L A CITY	11430 W WOODBINE ST			
Los Angeles		4249025900	0.67	18.66	L A CO FLOOD CONTROL DIST				
Los Angeles		4249026900	2.06	18.66	L A CO FLOOD CONTROL DIST				
Los Angeles	LA02	5046013900	28.97	18.59	L A CITY	5001 RODEO RD	A5	34.0229481	-118.3499928
Los Angeles		5046013905	19.85	18.59	L A UNIFIED SCHOOL DIST				
Los Angeles	LA03	5501024900	5.46	17.00	L A CITY		A2	34.0676411	-118.2895618
Los Angeles	LA04	5077006900	8.39	16.85	L A CITY		A2	34.0625331	-118.2840455
Los Angeles		5077006901	0.69	16.85	L A CITY				
Los Angeles	LA05	5064024901	0.75	16.83	L A CITY		A5	34.0396483	-118.3681495
Los Angeles		5064029908	8.19	16.83	L A CITY DEPT OF WATER AND POWER				
Los Angeles	LA06	5516007900	1.68	15.00	L A CITY	225 N VAN NESS AVE	A2	34.0756723	-118.3161992
Los Angeles	LA07	5070013906	0.89	13.75	L A CITY		A2	34.0457988	-118.3468462
Los Angeles		5070013907	2.72	13.75	L A CITY				
Los Angeles	LA08	5141003900	31.72	11.92	L A CITY	655 S ALVARADO ST	A2	34.0588455	-118.2776670
Los Angeles		5141017905	0.82	11.92	L A CITY DEPT OF WATER AND POWER				
Los Angeles	LA09	4218002906	4.56	11.76	L A CITY HOUSING AUTHORITY		A5	33.9922957	-118.4117728
Los Angeles		4218002907	14.51	11.76	L A CITY HOUSING AUTHORITY				
Los Angeles	LA10	4307012902	0.88	11.05	L A CO FLOOD CONTROL DIST		A2	34.0444810	-118.4122820
Los Angeles		4307013909	0.88	11.05	L A CO FLOOD CONTROL DIST				
Los Angeles		4307014908	1.05	11.05	L A CO FLOOD CONTROL DIST				
Los Angeles		4309002901	1.83	11.05	L A CITY				
Los Angeles		4309002902	1.03	11.05	L A CO FLOOD CONTROL DIST				
Los Angeles		4318001900	183.53	11.05	L A CITY	10460 W PICO BLVD			
Los Angeles	LA11	4212007900	4.82	11.00	L A CITY		A5	33.9840275	-118.4315320
Los Angeles	LA12	4217029903	2.83	11.00	L A CITY		A5	33.9941021	-118.4059083
Los Angeles		4218002908	0.62	11.00	L A CITY HOUSING AUTHORITY				
Los Angeles	LA13	5512004903	4.18	10.84	L A CITY		A2	34.0725076	-118.3541228
Los Angeles		5512004907	0.80	10.84	L A CITY				
Los Angeles	LA14	5153004900	1.17	10.00	L A CITY HOUSING AUTHORITY	455 S UNION AVE	A3	34.0587986	-118.2693815
Los Angeles	LA15	4215031902	0.52	10.00	METROPOLITAN WATER DIST		A5	33.9996682	-118.4022404
Los Angeles	LA16	6002024900	12.88	10.00	L A CITY PLAYGROUND		A5	33.9839391	-118.3045822
Los Angeles	LA17	5157018903	1.52	10.00	L A CITY		A3	34.0690905	-118.2707182
Los Angeles	LA18	5531020900	6.29	10.00	L A CITY	7341 WILLOUGHBY AVE	A2	34.0881175	-118.3496681
Los Angeles	LA19	5082011903	4.82	9.90	L A CITY		A2	34.0506924	-118.3323478
Los Angeles		5082012900	0.55	9.90	L A CITY				
Los Angeles	LA20	5005005900	8.05	9.63	LACMTA		A5	33.9911566	-118.3182491
Los Angeles		5005005901	6.93	9.63	L A CITY				
Los Angeles		5005006903	0.01	9.63	L A CITY				
Los Angeles		5005006907	0.10	9.63	L A CITY				
Los Angeles		5005006908	0.10	9.63	L A CITY				
Los Angeles		5005006909	0.10	9.63	L A CITY				
Los Angeles		5005006910	0.10	9.63	L A CITY				
Los Angeles		5005006911	0.10	9.63	L A CITY				
Los Angeles		5005006912	0.39	9.63	L A CITY				
Los Angeles		5005007904	0.10	9.63	LACMTA				
Los Angeles		5005007905	0.10	9.63	LACMTA				
Los Angeles		5005007906	0.10	9.63	LACMTA				
Los Angeles		5005007907	0.10	9.63	LACMTA				
Los Angeles		5005007908	0.10	9.63	LACMTA				
Los Angeles		5005007909	0.09	9.63	LACMTA				
Los Angeles		5005007910	0.06	9.63	LACMTA				
Los Angeles		5005007911	0.26	9.63	LACMTA	5421 S VAN NESS AVE			
Los Angeles		5005007912	0.10	9.63	LACMTA				
Los Angeles		5005007913	0.10	9.63	LACMTA				
Los Angeles		5005007914	0.10	9.63	LACMTA				
Los Angeles		5005007915	0.10	9.63	LACMTA				
Los Angeles		5005007916	0.10	9.63	LACMTA				
Los Angeles	LA21	5535032900	1.80	8.91	L A CITY		A2	34.0867090	-118.3044206
Los Angeles		5535032901	0.17	8.91	L A CITY PARK				
Los Angeles		5535032902	0.17	8.91	L A CITY PARK				
Los Angeles		5535032903	0.17	8.91	L A CITY DEPT OF WATER & POWER				
Los Angeles		5535032904	0.14	8.91	L A CITY				
Los Angeles		5535032905	0.10	8.91	L A CITY				
Los Angeles		5535032906	0.17	8.91	L A CITY				
Los Angeles		5535032907	0.17	8.91	L A CITY PARK				
Los Angeles		5535033900	0.66	8.91	L A CITY				
Los Angeles	LA22	4255019900	0.66	7.79	L A CITY		A5	34.0371693	-118.4234000
Los Angeles		4255019901	0.23	7.79	L A CITY S BY S				
Los Angeles		4255020900	0.70	7.79	L A CITY				
Los Angeles		4255021900	0.59	7.79	L A CITY				
LA County	LC01	4019019900	14.39	10.00	L A COUNTY	6027 LADERA PARK AVE	A5	33.9860610	-118.3595741
West Hollywood	WH01	5531003900	7.16	9.84	WEST HOLLYWOOD CITY	7377 SANTA MONICA BLVD	A2	34.0926550	-118.3510561
West Hollywood		5531003901	0.39	9.84	WEST HOLLYWOOD CITY	7377 SANTA MONICA BLVD			

*Due to the fact that many of these parcels are vacant lots, addresses may not exist. The location of each AIN can be found online at http://navigatela.lacity.org or http://maps.assessor.lacounty.gov

Attachment C - List of Parcels in the High Tier

City	Cluster ID	AIN*	Acres	Cluster Score	Parcel Owner	Address	Appendix A	Latitude	Longitude
Inglewood	IG02	4017031905	3.35	9.49	INGLEWOOD CITY		A5	33.9686654	-118.3606372
Inglewood		4017032902	5.25	9.49	INGLEWOOD CITY		A5	33.9686654	-118.3606372
Inglewood		4017032908	0.42	9.49	INGLEWOOD CITY		A5	33.9686654	-118.3606372
Inglewood	IG03	4014007900	0.66	8.71	INGLEWOOD CITY		A5	33.9798799	-118.3478376
Inglewood		4014007901	1.64	8.71	INGLEWOOD CITY	897 S WINDSOR BLVD	A5	33.9798799	-118.3478376
Los Angeles	LA23	4220015900	4.11	14.00	L A CO FLOOD CONTROL DIST		A5	33.9854366	-118.3984599
Los Angeles	LA24	4221024900	20.61	11.80	L A UNIFIED SCHOOL DIST	4908 WESTLAWN AVE	A5	33.9865325	-118.4200189
Los Angeles		4221024907	0.38	11.80	BALDWIN HILLS REGIONAL		A5	33.9865325	-118.4200189
Los Angeles		4221024908	0.19	11.80	BALDWIN HILLS REGIONAL		A5	33.9865325	-118.4200189
Los Angeles		4221024909	0.20	11.80	BALDWIN HILLS REGIONAL		A5	33.9865325	-118.4200189
Los Angeles	LA25	4211017900	142.70	11.00	STATE OF CALIFORNIA		A4	33.9639291	-118.4446409
Los Angeles	LA26	4262023900	8.66	11.00	L A CITY	11801 MISSOURI AVE	A4	34.0381197	-118.4540707
Los Angeles	LA27	5047014900	10.26	10.33	L A CITY PARK		A5	34.0241715	-118.3643294
Los Angeles		5047014902	5.02	10.33	L A CITY DEPT OF WATER AND POWER		A5	34.0241715	-118.3643294
Los Angeles	LA28	5028004902	17.63	10.00	L A CITY		A5	34.0126055	-118.3538458
Los Angeles	LA29	5041011902	2.81	10.00	L A CITY	3570 DENKER AVE	A5	34.0232531	-118.3038659
Los Angeles	LA30	5005019900	1.89	10.00	L A CITY PARK		A5	33.9927704	-118.3132106
Los Angeles	LA31	5135025900	1.89	10.00	L A CITY		A5	34.0395946	-118.2791057
Los Angeles	LA32	5127012904	2.06	10.00	L A CITY		A6	34.0241893	-118.2629949
Los Angeles	LA33	4259018901	1.95	10.00	L A CITY	12270 NEBRASKA AVE	A4	34.0344052	-118.4589277
Los Angeles	LA34	4262032901	3.21	10.00	L A CITY		A4	34.0355973	-118.4511749
Los Angeles	LA35	5520018901	1.95	10.00	L A CITY	411 N VERMONT AVE	A2	34.0781041	-118.2924825
Los Angeles	LA36	5591022900	2.16	10.00	L A CITY		A2	34.1044003	-118.2795025
Los Angeles		5591022901	4.23	10.00	L A CITY	4155 RUSSELL AVE	A2	34.1044003	-118.2795025
Los Angeles	LA37	4255009901	4.69	10.00	L A CITY		A5	34.0335188	-118.4173431
Los Angeles	LA38	5017013901	0.60	9.84	L A CITY		A5	34.0001242	-118.2958840
Los Angeles		5017013904	1.28	9.84	L A CITY		A5	34.0001242	-118.2958840
Los Angeles		5017020900	1.79	9.84	L A CITY		A5	34.0001242	-118.2958840
Los Angeles	LA39	4261010908	4.32	9.78	L A CITY		A1	34.0450730	-118.4495567
Los Angeles		4261011911	0.59	9.78	L A CITY		A1	34.0450730	-118.4495567
Los Angeles		4261011912	0.64	9.78	L A CITY		A1	34.0450730	-118.4495567
Los Angeles	LA40	5078001920	0.80	9.74	L A CITY		A2	34.0537523	-118.3012341
Los Angeles		5080032903	2.24	9.74	L A CITY		A2	34.0537523	-118.3012341
Los Angeles	LA41	4206030902	0.84	9.74	L A CITY		A5	34.0263019	-118.3931580
Los Angeles		4206034906	2.35	9.74	L A CITY		A5	34.0263019	-118.3931580
Los Angeles	LA42	5124009902	1.79	9.72	L A CITY		A5	34.0323078	-118.2833916
Los Angeles		5124009903	0.69	9.72	L A CITY		A5	34.0323078	-118.2833916
Los Angeles	LA43	5048008901	0.56	9.70	L A CITY DEPT OF WATER AND POWER		A5	34.0285968	-118.3692869
Los Angeles		5048012900	0.98	9.70	L A CITY DEPT OF WATER AND POWER		A5	34.0285968	-118.3692869
Los Angeles		5048013901	1.21	9.70	L A CITY		A5	34.0285968	-118.3692869
Los Angeles		5048014901	1.30	9.70	L A CITY DEPT OF WATER AND POWER		A5	34.0285968	-118.3692869
Los Angeles		5048017900	1.27	9.70	L A CITY DEPT OF WATER AND POWER		A5	34.0285968	-118.3692869
Los Angeles		5048017901	0.63	9.70	L A CITY DEPT OF WATER AND POWER		A5	34.0285968	-118.3692869
Los Angeles		5065015906	1.21	9.70	L A CITY DEPT OF WATER AND POWER		A5	34.0285968	-118.3692869
Los Angeles	LA44	4256011901	0.48	9.69	L A CITY	2513 S SEPULVEDA BLVD	A5	34.0346061	-118.4349943
Los Angeles		4256011902	2.59	9.69	L A CITY	11214 EXPOSITION BLVD	A5	34.0346061	-118.4349943
Los Angeles	LA45	5073013900	0.28	9.53	L A CITY	1819 S WESTERN AVE	A2	34.0446469	-118.2996901
Los Angeles		5073018900	0.47	9.53	COMMUNITY REDEVELOPMENT AGENCY	2375 W WASHINGTON BLVD	A2	34.0446469	-118.2996901
Los Angeles		5073018901	0.27	9.53	COMMUNITY REDEVELOPMENT AGENCY	2341 W WASHINGTON BLVD	A2	34.0446469	-118.2996901
Los Angeles		5075014900	3.27	9.53	L A CITY PLAYGROUND		A2	34.0446469	-118.2996901
Los Angeles	LA46	5088005900	0.78	9.30	L A CITY		A2	34.0626308	-118.3696198
Los Angeles		5088010900	1.03	9.30	L A CITY		A2	34.0626308	-118.3696198
Los Angeles		5088011900	0.75	9.30	L A CITY		A2	34.0626308	-118.3696198
Los Angeles		5088020900	0.83	9.30	L A CITY		A2	34.0626308	-118.3696198
Los Angeles	LA47	5090026900	1.60	9.00	L A CITY	897 S WINDSOR BLVD	A2	34.0576986	-118.3247239
Los Angeles	LA48	5539002900	2.29	9.00	L A CITY	4550 SANTA MONICA BLVD	A2	34.0902957	-118.2876956
Los Angeles	LA49	6001014900	2.80	9.00	L A CITY	5975 S WESTERN AVE	A5	33.9857015	-118.3097349
Los Angeles	LA50	5072013900	0.72	9.00	L A CITY	4117 W WASHINGTON BLVD	A5	34.0401892	-118.3290643
Los Angeles	LA51	6001001900	4.55	9.00	L A CITY		A5	33.9871870	-118.3141099
Los Angeles	LA52	4314016901	0.52	9.00	L A CITY		A5	34.0277711	-118.4084570
Los Angeles	LA53	5135004900	0.91	9.00	L A CITY		A2	34.0447903	-118.2811208
Los Angeles	LA54	5018024900	0.96	9.00	L A CITY		A5	33.9991825	-118.2867186
Los Angeles	LA55	5124023909	0.90	9.00	L A CITY		A5	34.0314676	-118.2796903
Los Angeles	LA56	4259020900	0.75	9.00	L A CITY		A4	34.0351694	-118.4564797
Los Angeles	LA57	5032004908	1.09	9.00	L A CITY CARE OF HOUSING DEPT		A5	34.0131595	-118.3420311
Los Angeles	LA58	5040004900	0.68	9.00	L A CITY DEPT OF WATER AND POWER		A5	34.0239600	-118.2997456
Los Angeles	LA59	5090012900	2.51	9.00	L A CITY PARK		A2	34.0569853	-118.3317076
West Hollywood	WH02	4336008909	0.56	8.82	WEST HOLLYWOOD CITY	7341 WILLOUGHBY AVE	A2	34.0828905	-118.3844905
West Hollywood		4336008910	5.56	8.82	WEST HOLLYWOOD CITY		A2	34.0828905	-118.3844905
West Hollywood	WH03	5559003900	0.62	6.68	WEST HOLLYWOOD CITY		A2	34.0915728	-118.3825166
West Hollywood		5559003901	0.29	6.68	WEST HOLLYWOOD CITY	4117 W WASHINGTON BLVD	A2	34.0915728	-118.3825166

*Due to the fact that many of these parcels are vacant lots, addresses may not exist. The location of each AIN can be found online at http://navigatela.lacity.org or http://maps.assessor.lacounty.gov

Attachment D - List of Parcels in the Medium Tier / Excluding School Districts

City	Cluster ID	AIN*	Acres	Cluster Score	Parcel Owner	Address	Appendix A	Latitude	Longitude
Culver City	CC02	4210025900	0.46	14.00	CULVER CITY		A5	34.0085657	-118.3999855
Culver City	CC03	4205015902	0.36	12.00	CULVER CITY S BY S		A5	34.0278955	-118.3783138
Culver City	CC04	4213006901	1.54	10.00	CULVER CITY	655 S ALVARADO ST	A5	34.0100641	-118.4124356
Culver City	CC05	4210021900	1.56	9.00	CULVER CITY		A5	34.0107766	-118.4045680
Culver City	CC06	4204013900	1.80	7.00	CULVER CITY	4861 VENICE BLVD	A5	34.0156343	-118.3782040
Culver City	CC07	4134020903	0.98	6.00	SUCCESSOR AGENCY TO THE CULVER		A5	33.9883950	-118.3908212
Los Angeles	LA60	4365009900	30.64	11.00	U S GOVT	1811 Hoover St	A1	34.0602365	-118.4589686
Los Angeles	LA61	5122014907	7.20	10.83	L A COUNTY	318 W ADAMS BLVD	A6	34.0260561	-118.2736806
Los Angeles		5122017908	0.65	10.83	L A COUNTY	2829 S GRAND AVE	A6	34.0260561	-118.2736806
Los Angeles	LA62	5134007921	1.19	10.00	L A CITY	1332 BOND ST	A6	34.0417943	-118.2723951
Los Angeles	LA63	4359014902	8.52	10.00	L A CITY		A2	34.0725719	-118.4295632
Los Angeles	LA64	5047018924	0.53	9.00	L A CITY		A5	34.0259100	-118.3711886
Los Angeles	LA65	6001016900	1.45	9.00	L A CITY DEPT OF WATER AND POWER	6219 S MANHATTAN PL	A5	33.9827759	-118.3109229
Los Angeles		6001019900	1.41	9.00	L A CITY DEPT OF WATER AND POWER		A5	33.9827759	-118.3109229
Los Angeles	LA66	6001017901	2.64	9.00	L A CITY	6000 S ST ANDREWS PL	A5	33.9845626	-118.3109155
Los Angeles	LA67	5547030900	1.37	9.00	L A CITY		A2	34.0957797	-118.3347357
Los Angeles	LA68	5533017900	0.67	8.86	L A CITY DEPT OF WATER AND POWER		A2	34.0891446	-118.3271888
Los Angeles	LA69	5024018900	1.01	8.76	L A CITY		A5	34.0055382	-118.3308023
Los Angeles		5024018901	0.26	8.76	L A CITY		A5	34.0055382	-118.3308023
Los Angeles		5024018902	1.38	8.76	L A CITY		A5	34.0055382	-118.3308023
Los Angeles		5024019900	1.14	8.76	L A CITY		A5	34.0055382	-118.3308023
Los Angeles		5024019904	0.53	8.76	LOS ANGELES CITY	4300 DEGNAN BLVD	A5	34.0055382	-118.3308023
Los Angeles	LA70	5533009900	0.79	8.74	L A CITY	6401 SANTA MONICA BLVD	A2	34.0918919	-118.3293683
Los Angeles		5533009901	2.22	8.74	L A CITY		A2	34.0918919	-118.3293683
Los Angeles	LA71	5037028909	0.40	8.66	L A CITY	3789 MENLO AVE	A5	34.0212719	-118.2919946
Los Angeles		5040030905	0.78	8.66	COMMUNITY REDEVELOPMENT AGENCY		A5	34.0212719	-118.2919946
Los Angeles	LA72	5036025910	0.48	8.29	L A CITY		A5	34.0133682	-118.3085545
Los Angeles		5036026900	0.30	8.29	L A CITY	3929 S HOBART BLVD	A5	34.0133682	-118.3085545
Los Angeles		5036026901	0.30	8.29	L A CITY	3941 S HOBART BLVD	A5	34.0133682	-118.3085545
Los Angeles		5036026902	0.81	8.29	L A CITY	Western and 39th St	A5	34.0133682	-118.3085545
Los Angeles		5036026912	0.32	8.29	L A CITY	3906 S WESTERN AVE	A5	34.0133682	-118.3085545
Los Angeles		5036026914	0.32	8.29	L A CITY	3924 S WESTERN AVE	A5	34.0133682	-118.3085545
Los Angeles		5042008902	0.25	8.29	L A CITY	3794 2ND AVE	A5	34.0133682	-118.3085545
Los Angeles	LA73	4261013900	0.28	8.00	L A CITY	1615 COLBY AVE	A1	34.0445088	-118.4527642
Los Angeles	LA74	5059003901	0.28	8.00	COMMUNITY REDEVELOPMENT AGENCY	4337 W ADAMS BLVD	A5	34.0328774	-118.3338637
Los Angeles	LA75	5426017900	0.32	8.00	L A CITY PARK		A3	34.0826607	-118.2748926
Los Angeles	LA76	5124001900	0.26	8.00	L A CITY	2301 S UNION AVE	A5	34.0347969	-118.2837688
Los Angeles	LA77	5003021900	0.26	8.00	L A CITY DEPT OF WATER AND POWER		A5	33.9917966	-118.3085787
Los Angeles	LA78	6001013906	0.85	8.00	L A CITY	5975 S ST ANDREWS PL	A5	33.9860253	-118.3119195
Los Angeles	LA79	4211022900	0.96	8.00	L A CITY	5451 S PLAYA VISTA DR	A5	33.9743362	-118.4285356
Los Angeles	LA80	4359018900	0.52	8.00	L A CITY		A2	34.0684210	-118.4253694
Los Angeles	LA81	6004002903	0.55	8.00	L A CITY	840 W SLAUSON AVE	A5	33.9888759	-118.2887582
Los Angeles	LA82	4319003900	0.87	8.00	L A CITY		A2	34.0581310	-118.4229952
Los Angeles	LA83	5054031901	0.32	8.00	L A CITY	2700 S BUDLONG AVE	A5	34.0302149	-118.2956318
Los Angeles	LA84	4261003900	0.34	8.00	L A CITY	1526 BUTLER AVE	A1	34.0461139	-118.4519660
Los Angeles	LA85	5033004901	0.74	8.00	L A CITY		A5	34.0122711	-118.3345250
Los Angeles	LA86	5046004902	0.31	8.00	COMMUNITY REDEVELOPMENT	3900 W JEFFERSON BLVD	A5	34.0252867	-118.3386692
Los Angeles	LA87	5061014900	0.27	8.00	LOS ANGELES CITY	4600 W WASHINGTON BLVD	A5	34.0395681	-118.3402158
Los Angeles	LA88	5502018902	0.36	8.00	L A CITY DEPT OF WATER AND POWER	3569 W 6TH ST	A2	34.0638038	-118.2999813
Los Angeles	LA89	5083032900	0.47	8.00	L A CITY		A2	34.0479178	-118.3340516
Los Angeles	LA90	5504008900	0.52	8.00	L A CITY	600 LORRAINE BLVD	A2	34.0632619	-118.3192313
Los Angeles		5504008901	0.52	8.00	L A CITY	605 S IRVING BLVD	A2	34.0632619	-118.3192313
Los Angeles	LA91	5042008904	0.41	8.00	L A CITY	3783 ARLINGTON AVE	A5	34.0185287	-118.3183885
Los Angeles	LA92	5536005900	0.34	8.00	L A CITY	5707 LEXINGTON AVE	A2	34.0930642	-118.3139934
Los Angeles	LA93	4205035900	0.28	8.00	L A CITY S BY S		A5	34.0287623	-118.3725937
Los Angeles	LA94	5021017902	0.30	8.00	L A CITY		A5	34.0040063	-118.3004765
Los Angeles	LA95	5050006905	0.28	7.56	L A CITY		A5	34.0328912	-118.3406306
Los Angeles		5050006909	0.22	7.56	L A CITY		A5	34.0328912	-118.3406306
Los Angeles	LA96	5546009906	0.27	7.00	COMMUNITY REDEVELOPMENT AGENCY	1601 VINE ST	A2	34.0999562	-118.3271342
Los Angeles	LA97	5032003900	0.44	7.00	COMMUNITY REDEVELOPMENT AGENCY	3700 W MARTIN LUTHER KING JR BLVD	A5	34.0120272	-118.3384877
Los Angeles		5032003901	0.36	7.00	COMMUNITY REDEVELOPMENT AGENCY	4013 MARLTON AVE	A5	34.0120272	-118.3384877
Los Angeles		5032003902	0.39	7.00	COMMUNITY REDEVELOPMENT AGENCY	3750 W MARTIN LUTHER KING JR BLVD	A5	34.0120272	-118.3384877
Los Angeles	LA98	5006009902	0.37	7.00	L A CITY		A5	33.9906435	-118.3297616
Los Angeles	LA99	5590020900	0.31	7.00	L A CITY		A2	34.1040494	-118.2910976
Los Angeles	LA100	5547016907	0.25	7.00	L A CITY	1637 WILCOX AVE	A2	34.1008154	-118.3314312
Los Angeles		5547016908	0.25	7.00	L A CITY	1633 WILCOX AVE	A2	34.1008154	-118.3314312
Los Angeles	LA101	5006007900	0.34	7.00	L A CITY		A5	33.9935838	-118.3297484
Los Angeles		5006008900	0.34	7.00	L A CITY	5407 11TH AVE	A5	33.9935838	-118.3297484
Los Angeles	LA102	4006019900	0.26	7.00	L A CITY	6537 S VICTORIA AVE	A5	33.9794442	-118.3327488
Los Angeles		4006019901	0.26	7.00	L A CITY HOUSING DEVELOPMENT		A5	33.9794442	-118.3327488
Los Angeles	LA103	4325005932	0.29	7.00	LOS ANGELES CITY	1246 GLENDON AVE	A1	34.0575028	-118.4416007
Los Angeles	LA104	5533014900	0.28	7.00	L A CITY	1037 COLE AVE	A2	34.0900833	-118.3302240
Los Angeles	LA105	5547003907	0.31	7.00	L A CITY	6671 YUCCA ST	A2	34.1033508	-118.3354516
Los Angeles		5547003908	0.31	7.00	L A CITY	1805 N CHEROKEE AVE	A2	34.1033508	-118.3354516
Los Angeles		5547009900	0.35	7.00	L A CITY	1746 N LAS PALMAS AVE	A2	34.1033508	-118.3354516
Los Angeles	LA106	5542028900	0.28	7.00	L A CITY	1171 N MADISON AVE	A2	34.0928891	-118.2897995
Los Angeles	LA107	5550025902	0.40	7.00	L A CITY		A2	34.0964432	-118.3531531
Los Angeles		5550025903	0.29	7.00	L A CITY		A2	34.0964432	-118.3531531
Los Angeles	LA108	4211011900	0.29	7.00	L A CITY DEPT OF WATER AND POWER		A5	33.9834151	-118.4001772
Los Angeles	LA109	4105016900	0.74	7.00	L A CITY DEPT OF WATER AND POWER		A5	33.9660184	-118.3849947
Los Angeles	LA110	5089003901	0.31	7.00	L A CITY		A2	34.0612927	-118.3470172
Los Angeles	LA111	4358003900	0.61	6.00	L A CITY		A2	34.0846671	-118.4347979
West Hollywood	WH04	4337017903	8.47	9.00	LACMTA		A2	34.0852162	-118.3820343

*Due to the fact that many of these parcels are vacant lots, addresses may not exist. The location of each AIN can be found online at http://navigatela.lacity.org or http://maps.assessor.lacounty.gov

Attachment E - List of Parcels in the Medium Tier /School Districts Only

City	Cluster ID	AIN*	Acres	Cluster Score	Parcel Owner	Address	Appendix A	Latitude	Longitude
Beverly Hills	BH02	4359019900	6.36	12.00	BEVERLY HILLS UNIFIED SCHOOL		A2	34.0679134	-118.4159797
Beverly Hills		4319001900	18.90	10.87	BEVERLY HILLS UNIFIED	241 S MORENO DR	A2	34.0617738	-118.4125748
Beverly Hills		4319001901	0.80	10.87	BEVERLY HILLS UNIFIED SCHOOL		A2	34.0617738	-118.4125748
Beverly Hills		4319001902	5.34	10.87	BEVERLY HILLS UNIFIED SCHOOL		A2	34.0617738	-118.4125748
Beverly Hills	BH03	4328005900	0.93	10.87	BEVERLY HILLS UNIFIED SCHOOL	5301 WILSHIRE BLVD	A2	34.0617738	-118.4125748
Beverly Hills		4331009900	0.56	9.90	BEVERLY HILLS UNIFIED SCHOOL		A2	34.0635987	-118.3945899
Beverly Hills		4331012900	2.65	9.90	BEVERLY HILLS UNIFIED SCHOOL		A2	34.0635987	-118.3945899
Beverly Hills	BH04	4331012901	2.65	9.90	BEVERLY HILLS UNIFIED SCHOOL		A2	34.0635987	-118.3945899
Beverly Hills		4333017904	4.48	9.76	BEVERLY HILLS UNIFIED SCHOOL		A2	34.0658781	-118.3833234
Beverly Hills		4333017905	0.31	9.76	BEVERLY HILLS UNIFIED SCHOOL		A2	34.0658781	-118.3833234
Beverly Hills	BH05	4333017906	0.31	9.76	BEVERLY HILLS UNIFIED		A2	34.0658781	-118.3833234
Beverly Hills		4341029900	4.29	7.84	BEVERLY HILLS UNIFIED SCHOOL		A2	34.0790055	-118.4040367
Beverly Hills	BH06	4341029901	0.82	7.84	BEVERLY HILLS UNIFIED SCHOOL		A2	34.0790055	-118.4040367
Culver City		4210015902	11.98	13.60	CULVER CITY UNIFIED SCHOOL DIST		A5	34.0057369	-118.4026226
Culver City		4210016900	7.86	13.60	CULVER CITY UNIFIED SCHOOL DIST		A5	34.0057369	-118.4026226
Culver City		4210017900	3.20	13.60	CULVER CITY UNIFIED SCHOOL DIST	1945 S HILL ST	A5	34.0057369	-118.4026226
Culver City		4210026902	4.58	13.60	CULVER CITY UNIFIED SCHOOL DIST		A5	34.0057369	-118.4026226
Culver City	CC08	4210026903	23.70	13.60	CULVER CITY UNIFIED SCHOOL DIST		A5	34.0057369	-118.4026226
Culver City	CC09	4205012903	1.86	13.00	CULVER CITY UNIFIED SCHOOL DIST	1413 W CONNECTICUT ST	A5	34.0288227	-118.3778553
Culver City	CC10	4208023902	3.38	10.00	CULVER CITY UNIFIED SCHOOL DIST	5301 WILSHIRE BLVD	A5	34.0136680	-118.4099582
Culver City	CC11	4203011902	6.62	10.00	CULVER CITY UNIFIED SCHOOL DIST		A5	33.9958565	-118.3915392
Culver City	CC12	4216013900	6.97	10.00	CULVER CITY UNIFIED SCHOOL DIST		A5	33.9921681	-118.4005668
Culver City		4206026906	1.94	9.64	CULVER CITY UNIFIED SCHOOL DIST		A5	34.0224618	-118.3931573
Culver City	CC13	4206027900	3.45	9.64	CULVER CITY UNIFIED SCHOOL DIST		A5	34.0224618	-118.3931573
Culver City	CC14	4235020901	2.11	9.00	CULVER CITY UNIFIED SCHOOL DIST	12201 WASHINGTON PL	A5	34.0006716	-118.4288485
Inglewood	IG04	4102015900	9.29	10.00	INGLEWOOD UNIFIED SCHOOL DIST		A5	33.9819650	-118.3753137
Inglewood	IG05	4001014901	6.27	10.00	INGLEWOOD UNIFIED SCHOOL DIST		A5	33.9810183	-118.3692512
Inglewood	IG06	4015013901	1.12	9.00	INGLEWOOD UNIFIED SCHOOL DIST	4861 VENICE BLVD	A5	33.9693502	-118.3515836
Inglewood	IG07	4014017900	4.61	9.00	INGLEWOOD UNIFIED SCHOOL DIST		A5	33.9776585	-118.3469100
Inglewood		4017026900	4.47	8.62	INGLEWOOD UNIFIED SCHOOL DIST	1423 W 012 ST	A5	33.9723201	-118.3624002
Inglewood		4017026901	0.46	8.62	INGLEWOOD UNIFIED SCHOOL DIST		A5	33.9723201	-118.3624002
Inglewood		4017026902	0.56	8.62	INGLEWOOD UNIFIED SCHOOL DIST	1201 S FIGUEROA ST	A5	33.9723201	-118.3624002
Inglewood	IG08	4017026903	0.36	8.62	INGLEWOOD UNIFIED SCHOOL DIST		A5	33.9723201	-118.3624002
Los Angeles	LA112	4251010902	7.75	19.00	L A UNIFIED SCHOOL DIST	11020 CLOVER AVE	A5	34.0264885	-118.4246753
Los Angeles	LA113	5014001922	25.55	18.00	L A UNIFIED SCHOOL DIST	5010 11TH AVE	A5	33.9965770	-118.3275907
Los Angeles	LA114	5051038911	4.66	18.00	L A UNIFIED SCHOOL DIST	3109 6TH AVE	A5	34.0266303	-118.3241791
Los Angeles	LA115	5509018902	4.48	18.00	L A UNIFIED SCHOOL DIST	408 S FAIRFAX AVE	A2	34.0695024	-118.3602155
Los Angeles	LA116	5024029901	12.56	17.00	L A UNIFIED SCHOOL DIST	4120 11TH AVE	A5	34.0096485	-118.3283460
Los Angeles		5014024900	3.69	16.86	L A UNIFIED SCHOOL DIST	2611 W 52ND ST	A5	33.9959257	-118.3219655
Los Angeles	LA117	5014024901	0.28	16.86	L A UNIFIED SCHOOL DIST	2611 W 52ND ST	A5	33.9959257	-118.3219655
Los Angeles		5501008908	9.31	15.27	L A UNIFIED SCHOOL DIST	152 N VERMONT AVE	A2	34.0738927	-118.2900084
Los Angeles		5501010900	0.66	15.27	L A UNIFIED SCHOOL DIST	225 N MADISON AVE	A2	34.0738927	-118.2900084
Los Angeles		5501010904	0.27	15.27	L A UNIFIED SCHOOL DISTRICT	218 N JUANITA AVE	A2	34.0738927	-118.2900084
Los Angeles		5501010907	0.29	15.27	L A UNIFIED SCHOOL DISTRICT	250 N JUANITA AVE	A2	34.0738927	-118.2900084
Los Angeles		5501010909	0.58	15.27	L A UNIFIED SCHOOL DISTRICT	206 N JUANITA AVE	A2	34.0738927	-118.2900084
Los Angeles		5501014900	0.34	15.27	L A UNIFIED SCHOOL DIST	108 BIMINI PL	A2	34.0738927	-118.2900084
Los Angeles		5501014901	0.62	15.27	L A UNIFIED SCHOOL DIST	108 BIMINI PL	A2	34.0738927	-118.2900084
Los Angeles		5518032900	0.32	15.27	L A UNIFIED SCHOOL DIST	101 N VERMONT AVE	A2	34.0738927	-118.2900084
Los Angeles	LA118	5518032906	0.48	15.27	L A UNIFIED SCHOOL DIST	151 N VERMONT AVE	A2	34.0738927	-118.2900084
Los Angeles		5501017902	0.71	14.75	L A UNIFIED SCHOOL DIST	3277 W 2ND ST	A2	34.0698134	-118.2862597
Los Angeles	LA119	5501020900	2.14	14.75	L A UNIFIED SCHOOL DIST	215 S COMMONWEALTH AVE	A2	34.0698134	-118.2862597
Los Angeles	LA120	5069031902	4.10	14.00	L A UNIFIED SCHOOL DIST	5360 SATURN ST	A2	34.0461868	-118.3564318
Los Angeles		5545016900	7.41	13.30	L A UNIFIED SCHOOL DIST	5746 W SUNSET BLVD	A2	34.0949280	-118.3154339
Los Angeles		5545017900	5.53	13.30	L A UNIFIED SCHOOL DIST	1316 N BRONSON AVE	A2	34.0949280	-118.3154339
Los Angeles		5545017902	0.69	13.30	L A UNIFIED SCHOOL DIST	1316 N BRONSON AVE	A2	34.0949280	-118.3154339
Los Angeles		5545017904	0.34	13.30	L A UNIFIED SCHOOL DIST	1316 N BRONSON AVE	A2	34.0949280	-118.3154339
Los Angeles		5545017907	2.30	13.30	L A UNIFIED SCHOOL DIST	1316 N BRONSON AVE	A2	34.0949280	-118.3154339
Los Angeles		5545019914	0.28	13.30	L A UNIFIED SCHOOL DIST	1302 N VAN NESS AVE	A2	34.0949280	-118.3154339
Los Angeles	LA121	5545019915	2.92	13.30	L A UNIFIED SCHOOL DIST	5735 FERNWOOD AVE	A2	34.0949280	-118.3154339
Los Angeles	LA122	5070013904	1.83	13.00	L A UNIFIED SCHOOL DIST		A2	34.0476485	-118.3430050
Los Angeles	LA123	4221008900	6.16	13.00	L A UNIFIED SCHOOL DIST	4711 INGLEWOOD BLVD	A5	33.9926070	-118.4159588
Los Angeles	LA124	4258016900	25.03	12.00	L A UNIFIED SCHOOL DIST	11330 GRAHAM PL	A5	34.0280842	-118.4345476
Los Angeles	LA125	4221006900	0.85	12.00	L A UNIFIED SCHOOL DIST		A5	33.9873298	-118.4185253
Los Angeles	LA126	4258005900	8.06	11.00	L A UNIFIED SCHOOL DIST	11562 RICHLAND AVE	A5	34.0275406	-118.4389872
Los Angeles	LA127	5001002908	5.77	11.00	L A UNIFIED SCHOOL DIST	816 W 51ST ST	A5	33.9958565	-118.2884285
Los Angeles	LA128	5017001905	6.10	11.00	L A UNIFIED SCHOOL DIST	4505 S RAYMOND AVE	A5	34.0029289	-118.2989999
Los Angeles	LA129	5020029902	16.39	11.00	L A UNIFIED SCHOOL DIST	4131 S VERMONT AVE	A5	34.0087698	-118.2928484
Los Angeles	LA130	5124023911	5.10	11.00	L A UNIFIED SCHOOL DISTRICT		A5	34.0313602	-118.2787782
Los Angeles	LA131	5078024910	6.11	11.00	L A UNIFIED SCHOOL DIST	1157 S BERENDO ST	A2	34.0499937	-118.2945332
Los Angeles	LA132	5430029901	10.82	11.00	L A UNIFIED SCHOOL DIST	4201 FOUNTAIN AVE	A2	34.0969851	-118.2808425
Los Angeles	LA133	5127029900	18.68	11.00	L A UNIFIED SCHOOL DIST	1915 MAPLE AVE	A6	34.0279680	-118.2638704
Los Angeles	LA134	4301018900	6.70	11.00	L A UNIFIED SCHOOL DIST	2450 S SHENANDOAH ST	A5	34.0385066	-118.3841246
Los Angeles	LA135	4308019900	5.10	11.00	L A UNIFIED SCHOOL DIST	9755 CATTARAUGUS AVE	A5	34.0383468	-118.3982404
Los Angeles	LA136	4311031901	20.74	11.00	L A UNIFIED SCHOOL DIST	2955 S ROBERTSON BLVD	A5	34.0341350	-118.3916151
Los Angeles	LA137	5066013900	14.08	11.00	L A UNIFIED SCHOOL DIST		A2	34.0448120	-118.3713921
Los Angeles		4252023900	8.04	10.93	L A UNIFIED SCHOOL DIST	10860 WOODBINE ST	A5	34.0214428	-118.4147008
Los Angeles		4254023900	6.80	10.93	L A UNIFIED SCHOOL DIST	10860 WOODBINE ST	A5	34.0214428	-118.4147008
Los Angeles	LA138	4254023901	0.33	10.93	L A UNIFIED SCHOOL DIST	10860 WOODBINE ST	A5	34.0214428	-118.4147008

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Attachment E - List of Parcels in the Medium Tier /School Districts Only

City	Cluster ID	AIN*	Acres	Cluster Score	Parcel Owner	Address	Appendix A	Latitude	Longitude
Los Angeles		4262004900	0.70	10.91	L A UNIFIED SCHOOL DIST	11800 TEXAS AVE	A1	34.0450726	-118.4593446
Los Angeles		4263021904	1.01	10.91	L A UNIFIED SCHOOL DIST	11800 TEXAS AVE	A1	34.0450726	-118.4593446
Los Angeles	LA139	4263022901	24.28	10.91	L A UNIFIED SCHOOL DIST	11800 TEXAS AVE	A1	34.0450726	-118.4593446
Los Angeles		5073001900	7.77	10.87	L A UNIFIED SCHOOL DIST	1512 ARLINGTON AVE	A2	34.0457870	-118.3169926
Los Angeles	LA140	5073001901	0.53	10.87	L A UNIFIED SCHOOL DIST	1512 ARLINGTON AVE	A2	34.0457870	-118.3169926
Los Angeles		5072012917	14.83	10.86	L A UNIFIED SCHOOL DIST	1717 7TH AVE	A5	34.0417641	-118.3266685
Los Angeles		5072014901	1.37	10.86	L A UNIFIED SCHOOL DIST	1717 7TH AVE	A5	34.0417641	-118.3266685
Los Angeles	LA141	5072014902	0.51	10.86	L A UNIFIED SCHOOL DIST	1717 7TH AVE	A5	34.0417641	-118.3266685
Los Angeles		5094006902	2.36	10.72	LA UNIFIED SCHOOL DISTRICT		A2	34.0591851	-118.2969306
Los Angeles		5094006903	3.23	10.72	LA UNIFIED SCHOOL DISTRICT		A2	34.0591851	-118.2969306
Los Angeles		5094006904	17.22	10.72	LA UNIFIED SCHOOL DISTRICT		A2	34.0591851	-118.2969306
Los Angeles	LA142	5094006905	0.30	10.72	L A UNIFIED SCHOOL DIST	3131 W 8TH ST	A2	34.0591851	-118.2969306
Los Angeles		5041026900	0.46	10.71	L A UNIFIED SCHOOL DIST	3751 S HARVARD BLVD	A5	34.0191860	-118.3072839
Los Angeles		5041034900	7.38	10.71	L A UNIFIED SCHOOL DIST	3751 S HARVARD BLVD	A5	34.0191860	-118.3072839
Los Angeles	LA143	5041034901	1.29	10.71	L A UNIFIED SCHOOL DIST	3751 S HARVARD BLVD	A5	34.0191860	-118.3072839
Los Angeles		6003005908	0.97	10.69	LOS ANGELES UNIFIED SCHOOL		A5	33.9866942	-118.2950773
Los Angeles		6003006901	0.44	10.69	L A UNIFIED SCHOOL DIST	5940 S BUDLONG AVE	A5	33.9866942	-118.2950773
Los Angeles		6003013906	5.01	10.69	L A UNIFIED SCHOOL DIST	5940 S BUDLONG AVE	A5	33.9866942	-118.2950773
Los Angeles		6003013907	0.51	10.69	L A UNIFIED SCHOOL DIST	5940 S BUDLONG AVE	A5	33.9866942	-118.2950773
Los Angeles		6003013908	9.68	10.69	L A UNIFIED SCHOOL DIST	5940 S BUDLONG AVE	A5	33.9866942	-118.2950773
Los Angeles	LA144	6004006900	0.29	10.69	L A UNIFIED SCHOOL DIST	5940 S BUDLONG AVE	A5	33.9866942	-118.2950773
Los Angeles	LA145	4261018900	3.93	10.00	L A UNIFIED SCHOOL DIST	1730 CORINTH AVE	A1	34.0443425	-118.4472893
Los Angeles	LA146	6019003905	5.67	10.00	L A UNIFIED SCHOOL DIST	7511 RAYMOND AVE	A5	33.9716783	-118.2991856
Los Angeles	LA147	4249011900	5.27	10.00	L A UNIFIED SCHOOL DIST	3330 GRANVILLE AVE	A5	34.0163742	-118.4342196
Los Angeles	LA148	4314014900	3.53	10.00	L A UNIFIED SCHOOL DIST	3520 MOTOR AVE	A5	34.0260659	-118.4074695
Los Angeles	LA149	5019004903	4.04	10.00	L A UNIFIED SCHOOL DIST	4156 MENLO AVE	A5	34.0078205	-118.2888220
Los Angeles	LA150	5023027900	4.21	10.00	L A UNIFIED SCHOOL DIST	4231 4TH AVE	A5	34.0063417	-118.3220053
Los Angeles	LA151	5030015900	9.81	10.00	L A UNIFIED SCHOOL DIST	4041 HILLCREST DR	A5	34.0140118	-118.3481888
Los Angeles	LA152	5034010900	3.92	10.00	L A UNIFIED SCHOOL DIST		A5	34.0153438	-118.3229499
Los Angeles	LA153	5036027900	3.56	10.00	L A UNIFIED SCHOOL DIST	3989 S HOBART BLVD	A5	34.0119298	-118.3083317
Los Angeles	LA154	5040016908	4.90	10.00	L A UNIFIED SCHOOL DIST	1260 W 36TH PL	A5	34.0214502	-118.2963264
Los Angeles	LA155	5041013905	4.07	10.00	L A UNIFIED SCHOOL DIST	3556 W 36TH ST	A5	34.0232700	-118.3107241
Los Angeles	LA156	5045001900	5.17	10.00	L A UNIFIED SCHOOL DIST	4400 COLISEUM ST	A5	34.0177498	-118.3439483
Los Angeles	LA157	5049017901	3.83	10.00	L A UNIFIED SCHOOL DIST	5611 S ORANGE DR	A5	34.0314804	-118.3541487
Los Angeles	LA158	5050022900	3.66	10.00	L A UNIFIED SCHOOL DIST	2925 VIRGINIA RD	A5	34.0285222	-118.3399881
Los Angeles		5124020903	1.25	10.00	L A UNIFIED SCHOOL DIST	2020 OAK ST	A5	34.0350474	-118.2783125
Los Angeles	LA159	5124021906	2.79	10.00	L A UNIFIED SCHOOL DIST	2020 OAK ST	A5	34.0350474	-118.2783125
Los Angeles	LA160	6016023912	11.39	10.00	L A UNIFIED SCHOOL DIST	7001 S ST ANDREWS PL	A5	33.9765931	-118.3122591
Los Angeles	LA161	5071022900	3.73	10.00	L A UNIFIED SCHOOL DIST	1745 VINEYARD AVE	A5	34.0430141	-118.3396857
Los Angeles	LA162	5077009913	2.48	10.00	L A UNIFIED SCHOOL DIST		A2	34.0631882	-118.2906424
Los Angeles		5082007903	2.68	9.82	L A UNIFIED SCHOOL DIST	1212 QUEEN ANNE PL	A2	34.0551259	-118.3327574
Los Angeles		5082007910	0.57	9.82	L A UNIFIED SCHOOL DIST	1212 QUEEN ANNE PL	A2	34.0551259	-118.3327574
Los Angeles	LA163	5083001900	18.58	10.00	L A UNIFIED SCHOOL DISTRICT	4650 W OLYMPIC BLVD	A2	34.0551259	-118.3327574
Los Angeles	LA164	5084005905	5.23	10.00	L A UNIFIED SCHOOL DIST	5241 W OLYMPIC BLVD	A2	34.0579882	-118.3435949
Los Angeles	LA165	5092008915	1.40	10.00	L A UNIFIED SCHOOL DIST	4056 WILSHIRE BLVD	A2	34.0611835	-118.3164737
Los Angeles	LA166	5137014903	2.89	10.00	L A UNIFIED SCHOOL DIST	1000 GRATTAN ST	A3	34.0478352	-118.2733308
Los Angeles	LA167	5157018900	1.58	10.00	L A UNIFIED SCHOOL DISTRICT	123 N LAKE ST	A3	34.0682886	-118.2711763
Los Angeles	LA168	5507017900	10.54	10.00	L A UNIFIED SCHOOL DIST	600 S MCCADDEN PL	A2	34.0635422	-118.3362536
Los Angeles	LA169	5517014900	2.53	10.00	L A UNIFIED SCHOOL DIST	220 S HOBART BLVD	A2	34.0705684	-118.3049349
Los Angeles	LA170	5520014900	3.11	10.00	L A UNIFIED SCHOOL DIST	4211 OAKWOOD AVE	A2	34.0783416	-118.2988072
Los Angeles	LA171	5522023903	4.59	10.00	L A UNIFIED SCHOOL DIST	501 N VAN NESS AVE	A2	34.0806933	-118.3163718
Los Angeles	LA172	5532013900	6.39	10.00	L A UNIFIED SCHOOL DIST	929 N LAS PALMAS AVE	A2	34.0880015	-118.3371322
Los Angeles	LA173	4305003900	4.91	10.00	L A UNIFIED SCHOOL DIST	9233 AIRDROME ST	A2	34.0505979	-118.3902784
Los Angeles	LA174	4325030900	8.66	10.00	L A UNIFIED SCHOOL DIST	1650 SELBY AVE	A2	34.0540302	-118.4356898
Los Angeles		5063021901	3.88	10.00	L A UNIFIED SCHOOL DIST	2411 S MARVIN AVE	A5	34.0355929	-118.3643172
Los Angeles	LA175	5063022908	1.59	10.00	L A UNIFIED SCHOOL DIST	2411 S MARVIN AVE	A5	34.0355929	-118.3643172
Los Angeles	LA176	5068008900	3.39	10.00	L A UNIFIED SCHOOL DIST	1661 S CRESCENT HEIGHTS BLVD	A2	34.0473202	-118.3744712
Los Angeles	LA177	5088018900	3.46	10.00	L A UNIFIED SCHOOL DIST	6351 W OLYMPIC BLVD	A2	34.0595661	-118.3690574
Los Angeles	LA178	5527021900	24.15	10.00	L A UNIFIED SCHOOL DIST	7850 MELROSE AVE	A2	34.0819662	-118.3599094
Los Angeles	LA179	5528018900	3.68	10.00	L A UNIFIED SCHOOL DIST		A2	34.0810896	-118.3747389
Los Angeles	LA180	5548014900	13.30	10.00	L A UNIFIED SCHOOL DIST	1521 N HIGHLAND AVE	A2	34.0991818	-118.3400611
Los Angeles	LA181	5401015900	1.49	10.00	L A UNIFIED SCHOOL DIST	610 MICHELTORENA ST	A2	34.0793790	-118.2803448
Los Angeles		5429025900	1.81	10.00	L A UNIFIED SCHOOL DIST	1511 MICHELTORENA ST	A3	34.0894759	-118.2754310
Los Angeles	LA182	5429025901	1.78	10.00	L A UNIFIED SCHOOL DIST	1511 MICHELTORENA ST	A3	34.0894759	-118.2754310
Los Angeles	LA183	5537009910	1.75	10.00	L A UNIFIED SCHOOL DIST	5227 SANTA MONICA BLVD	A2	34.0913951	-118.3034409
Los Angeles	LA184	5540003900	2.83	10.00	L A UNIFIED SCHOOL DIST	1133 N MARIPOSA AVE	A2	34.0915668	-118.2999261
Los Angeles	LA185	5544027903	2.59	10.00	L A UNIFIED SCHOOL DIST	1530 N WILTON PL	A2	34.0996504	-118.3125298
Los Angeles	LA186	5126001900	1.47	10.00	L A UNIFIED SCHOOL DIST		A6	34.0367278	-118.2723758
Los Angeles		5128016904	3.69	10.00	L A UNIFIED SCHOOL DIST	2807 STANFORD AVE	A6	34.0189047	-118.2618093
Los Angeles	LA187	5128016910	1.37	10.00	L A UNIFIED SCHOOL DIST	2807 STANFORD AVE	A6	34.0189047	-118.2618093
Los Angeles		5134022902	1.34	10.00	L A UNIFIED SCHOOL DIST		A6	34.0350796	-118.2661377
Los Angeles	LA188	5134022903	1.34	10.00	L A UNIFIED SCHOOL DIST	240 W VENICE BLVD	A6	34.0350796	-118.2661377
Los Angeles	LA189	4218003900	7.14	10.00	L A UNIFIED SCHOOL DIST	11735 BRADDOCK DR	A5	33.9955366	-118.4133652
Los Angeles	LA190	5123008905	3.26	10.00	L A UNIFIED SCHOOL DIST		A5	34.0242659	-118.2826552
Los Angeles	LA191	4235021900	12.26	10.00	L A UNIFIED SCHOOL DIST	3960 S CENTINELA AVE	A5	34.0016199	-118.4303064
Los Angeles		5056024901	5.79	9.99	L A UNIFIED SCHOOL DISTRICT	1550 W WASHINGTON BLVD	A5	34.0390017	-118.2902797
Los Angeles		5056024903	0.47	9.99	L A UNIFIED SCHOOL DISTRICT	1944 N VERMONT AVE	A5	34.0390017	-118.2902797
Los Angeles		5056024904	0.61	9.99	L A UNIFIED SCHOOL DIST	1500 W WASHINGTON BLVD	A5	34.0390017	-118.2902797

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City	Cluster ID	AIN*	Acres	Cluster Score	Parcel Owner	Address	Appendix A	Latitude	Longitude
Los Angeles		5056024905	0.82	9.99	L A UNIFIED SCHOOL DIST	1584 W WASHINGTON BLVD	A5	34.0390017	-118.2902797
Los Angeles		5056024906	0.45	9.99	L A UNIFIED SCHOOL DIST	1960 S VERMONT AVE	A5	34.0390017	-118.2902797
Los Angeles		5056025908	0.28	9.99	L A UNIFIED SCHOOL DIST	1494 W WASHINGTON BLVD	A5	34.0390017	-118.2902797
Los Angeles		5056025909	0.25	9.99	L A UNIFIED SCHOOL DIST	1910 ELLENDALE PL	A5	34.0390017	-118.2902797
Los Angeles		5056030904	0.44	9.99	L A UNIFIED SCHOOL DIST	2000 S VERMONT AVE	A5	34.0390017	-118.2902797
Los Angeles	LA192	5056030909	0.33	9.99	L A UNIFIED SCHOOL DIST	2011 MENLO AVE	A5	34.0390017	-118.2902797
Los Angeles		5122003900	3.24	9.91	L A UNIFIED SCHOOL DIST	151 W 30TH ST	A6	34.0226371	-118.2708332
Los Angeles		5122003902	2.87	9.91	L A UNIFIED SCHOOL DIST	151 W 30TH ST	A6	34.0226371	-118.2708332
Los Angeles	LA193	5122004900	0.29	9.91	L A UNIFIED SCHOOL DIST	151 W 30TH ST	A6	34.0226371	-118.2708332
Los Angeles		5054029906	4.44	9.88	L A UNIFIED SCHOOL DIST	1435 W 27TH ST	A5	34.0310642	-118.2927023
Los Angeles	LA194	5054029912	0.27	9.88	L A UNIFIED SCHOOL DISTRICT	1435 W 27TH ST	A5	34.0310642	-118.2927023
Los Angeles		5056014908	0.56	9.88	L A UNIFIED SCHOOL DIST	1715 MAGNOLIA AVE	A5	34.0437352	-118.2874399
Los Angeles	LA195	5056018912	4.06	9.88	L A UNIFIED SCHOOL DIST	1626 ORCHARD AVE	A5	34.0437352	-118.2874399
Los Angeles		5536014900	3.06	9.84	L A UNIFIED SCHOOL DIST	1070 N VAN NESS AVE	A2	34.0899166	-118.3152021
Los Angeles	LA196	5536014905	0.27	9.84	L A UNIFIED SCHOOL DIST	1000 N VAN NESS AVE	A2	34.0899166	-118.3152021
Los Angeles		5003013901	4.68	9.83	L A UNIFIED SCHOOL DIST	1724 W 53RD ST	A5	33.9937070	-118.3075348
Los Angeles	LA197	5003014920	0.98	9.83	L A UNIFIED SCHOOL DIST		A5	33.9937070	-118.3075348
Los Angeles		5157014900	2.39	9.81	L A UNIFIED SCHOOL DIST	421 ROSEMONT AVE	A3	34.0717896	-118.2703279
Los Angeles	LA198	5157015905	0.55	9.81	L A UNIFIED SCHOOL DIST	421 ROSEMONT AVE	A3	34.0717896	-118.2703279
Los Angeles		5141005901	1.79	9.75	L A UNIFID SCHOOL DIST	2401 WILSHIRE BLVD	A2	34.0603746	-118.2797403
Los Angeles	LA199	5141006904	0.59	9.75	LA UNIFIED SCHOOL DIST	611 S CARONDELET ST	A2	34.0603746	-118.2797403
Los Angeles		5092011901	0.46	9.71	L A UNIFIED SCHOOL DIST	745 S WILTON PL	A2	34.0585702	-118.3151505
Los Angeles	LA200	5092011904	2.69	9.71	L A UNIFIED SCHOOL DIST	745 S WILTON PL	A2	34.0585702	-118.3151505
Los Angeles		5529020901	1.56	9.56	L A UNIFIED SCHOOL DIST		A2	34.0879805	-118.3634705
Los Angeles	LA201	5529023901	0.44	9.56	L A UNIFIED SCHOOL DIST	925 N HAYWORTH AVE	A2	34.0879805	-118.3634705
Los Angeles		5075033900	2.03	9.48	L A UNIFIED SCHOOL DIST	1925 S BUDLONG AVE	A5	34.0391643	-118.2966134
Los Angeles		5075033901	0.69	9.48	L A UNIFIED SCHOOL DIST	1925 S BUDLONG AVE	A5	34.0391643	-118.2966134
Los Angeles		5075034906	2.24	9.48	L A UNIFIED SCHOOL DIST	1925 S BUDLONG AVE	A5	34.0391643	-118.2966134
Los Angeles		5075035900	0.38	9.48	L A UNIFIED SCHOOL DISTRICT	1733 CORDOVA ST	A5	34.0391643	-118.2966134
Los Angeles		5075035907	0.30	9.48	L A UNIFIED SCHOOL DIST	1716 W WASHINGTON BLVD	A5	34.0391643	-118.2966134
Los Angeles		5075035911	0.30	9.48	L A UNIFIED SCHOOL DIST	1744 W WASHINGTON BLVD	A5	34.0391643	-118.2966134
Los Angeles	LA202	5075035913	0.30	9.48	L A UNIFIED SCHOOL DISTRICT	1738 W WASHINGTON BLVD	A5	34.0391643	-118.2966134
Los Angeles		4006011900	0.52	9.46	L A UNIFIED SCHOOL DIST	6420 11TH AVE	A5	33.9799959	-118.3273218
Los Angeles		4006011901	0.26	9.46	L A UNIFIED SCHOOL DIST	6434 11TH AVE	A5	33.9799959	-118.3273218
Los Angeles		4006013900	3.74	9.46	L A UNIFIED SCHOOL DIST		A5	33.9799959	-118.3273218
Los Angeles	LA203	4006014900	5.86	9.46	L A UNIFIED SCHOOL DIST	6620 11TH AVE	A5	33.9799959	-118.3273218
Los Angeles		5077021900	0.59	9.41	L A UNIFIED SCHOOL DIST	2726 FRANCIS AVE	A2	34.0563473	-118.2849329
Los Angeles		5077026902	2.07	9.41	L A UNIFIED SCHOOL DIST	2726 FRANCIS AVE	A2	34.0563473	-118.2849329
Los Angeles		5077026903	0.31	9.41	L A UNIFIED SCHOOL DIST	2726 FRANCIS AVE	A2	34.0563473	-118.2849329
Los Angeles	LA204	5077027900	0.39	9.41	L A UNIFIED SCHOOL DIST	2726 FRANCIS AVE	A2	34.0563473	-118.2849329
Los Angeles		5080016907	0.57	9.18	L A UNIFIED SCHOOL DIST	980 S HOBART BLVD	A2	34.0537455	-118.3055537
Los Angeles		5080016908	0.29	9.18	L A UNIFIED SCHOOL DIST	980 S HOBART BLVD	A2	34.0537455	-118.3055537
Los Angeles		5080016910	0.43	9.18	L A UNIFIED SCHOOL DISTRICT	980 S HOBART BLVD	A2	34.0537455	-118.3055537
Los Angeles		5080023900	2.23	9.18	L A UNIFIED SCHOOL DIST	980 S HOBART BLVD	A2	34.0537455	-118.3055537
Los Angeles		5080023903	0.43	9.18	L A UNIFIED SCHOOL DIST	980 S HOBART BLVD	A2	34.0537455	-118.3055537
Los Angeles	LA205	5080023904	0.32	9.18	L A UNIFIED SCHOOL DIST	980 S HOBART BLVD	A2	34.0537455	-118.3055537
Los Angeles	LA206	5513030900	4.58	9.00	L A UNIFIED SCHOOL DIST	201 S JUNE ST	A2	34.0700057	-118.3353447
Los Angeles	LA207	5550013900	3.57	9.00	L A UNIFIED SCHOOL DIST	7450 HAWTHORN AVE	A2	34.0993101	-118.3520366
Los Angeles	LA208	4255006900	4.44	9.00	L A UNIFIED SCHOOL DIST	10650 ASHBY AVE	A5	34.0380774	-118.4206805
Los Angeles	LA209	6017012900	3.69	9.00	L A UNIFIED SCHOOL DIST	2112 W 74TH ST	A5	33.9723230	-118.3166404
Los Angeles	LA210	4106026900	5.83	9.00	L A UNIFIED SCHOOL DIST	6011 W 79TH ST	A5	33.9670293	-118.3884248
Los Angeles	LA211	4005023900	3.31	9.00	L A UNIFIED SCHOOL DIST	5939 2ND AVE	A5	33.9863811	-118.3201060
Los Angeles	LA212	4127016901	6.34	9.00	L A UNIFIED SCHOOL DIST		A5	33.9675987	-118.3778869
Los Angeles	LA213	4215005905	0.32	9.00	CULVER CITY UNIFIED SCHOOL DIST		A5	34.0021861	-118.4007288
Los Angeles	LA214	4301017904	0.97	9.00	L A UNIFIED SCHOOL DIST	2450 S SHENANDOAH ST	A5	34.0379110	-118.3850267
Los Angeles	LA215	5525010900	3.58	9.00	L A UNIFIED SCHOOL DIST	731 N DETROIT ST	A2	34.0843875	-118.3456856
Los Angeles	LA216	5542027909	1.31	9.00	L A UNIFIED SCHOOL DIST	1153 N WESTMORELAND AVE	A2	34.0927264	-118.2883572
Los Angeles	LA217	5589028900	2.58	9.00	L A UNIFIED SCHOOL DIST	1740 N NEW HAMPSHIRE AVE	A2	34.1025664	-118.2928435
Los Angeles	LA218	5126018917	0.69	9.00	L A UNIFIED SCHOOL DIST	2405 S GRAND AVE	A6	34.0282421	-118.2716535
Los Angeles	LA219	5127002908	0.74	9.00	L A UNIFIED SCHOOL DIST	1635 S SAN PEDRO ST	A6	34.0292828	-118.2581583
Los Angeles	LA220	4212001900	4.02	9.00	L A UNIFIED SCHOOL DIST	12814 MAXELLA AVE	A5	33.9900435	-118.4319862
Los Angeles	LA221	4001013900	2.24	9.00	INGLEWOOD UNIFIED SCHOOL DIST		A5	33.9818102	-118.3689911
Los Angeles	LA222	5047014901	4.87	9.00	L A UNIFIED SCHOOL DIST	5421 RODEO RD	A5	34.0225056	-118.3652955
Los Angeles	LA223	4220012900	4.58	9.00	L A UNIFIED SCHOOL DIST	12221 JUNIETTE ST	A5	33.9828739	-118.4097435
Los Angeles	LA224	5031004900	4.17	9.00	L A UNIFIED SCHOOL DIST	4000 SANTO TOMAS DR	A5	34.0086690	-118.3437345
Los Angeles	LA225	5137007911	0.58	9.00	L A UNIFIED SCHOOL DISTRICT	1333 E OLYMPIC BLVD	A3	34.0479386	-118.2705803
Los Angeles	LA226	4321015900	3.60	9.00	L A UNIFIED SCHOOL DIST	2050 SELBY AVE	A2	34.0478355	-118.4304085
Los Angeles	LA227	4360024900	3.25	9.00	L A UNIFIED SCHOOL DIST	615 HOLMBY AVE	A2	34.0695078	-118.4337231
Los Angeles	LA228	4211013900	4.09	9.00	L A UNIFIED SCHOOL DIST		A5	33.9682961	-118.4245085
Los Angeles		5517007916	0.76	9.00	L A UNIFIED SCHOOL DIST	225 S OXFORD AVE	A2	34.0702910	-118.3087312
Los Angeles		5517007917	0.62	9.00	L A UNIFIED SCHOOL DIST	218 S WESTERN AVE	A2	34.0702910	-118.3087312
Los Angeles	LA229	5517007918	0.55	9.00	L A UNIFIED SCHOOL DIST	200 S WESTERN AVE	A2	34.0702910	-118.3087312
Los Angeles	LA230	4326016900	3.14	9.00	L A UNIFIED SCHOOL DIST	1403 FAIRBURN AVE	A2	34.0587850	-118.4315714
Los Angeles		5533017901	1.02	8.86	L A UNIFIED SCHOOL DIST	955 VINE ST	A2	34.0881626	-118.3271873
Los Angeles	LA231	5533018900	3.06	8.86	L A UNIFIED SCHOOL DIST	955 VINE ST	A2	34.0881626	-118.3271873
Los Angeles		5076007900	0.88	8.73	L A UNIFIED SCHOOL DISTRICT	2481 W 11TH ST	A2	34.0510393	-118.2873628
Los Angeles	LA232	5076008900	0.33	8.73	L A UNIFIED SCHOOL DIST	2481 W 11TH ST	A2	34.0510393	-118.2873628
Los Angeles		5539005900	2.56	8.69	L A UNIFIED SCHOOL DIST	4345 LOCKWOOD AVE	A2	34.0892246	-118.2883782

*Due to the fact that many of these parcels are vacant lots, addresses may not exist. The location of each AIN can be found online at http://navigatela.lacity.org or http://maps.assessor.lacounty.gov

Attachment E - List of Parcels in the Medium Tier /School Districts Only

City	Cluster ID	AIN*	Acres	Cluster Score	Parcel Owner	Address	Appendix A	Latitude	Longitude
Los Angeles	LA233	5539005903	0.47	8.69	L A UNIFIED SCHOOL DIST	4345 LOCKWOOD AVE	A2	34.0892246	-118.2883782
Los Angeles		5142013906	0.35	8.54	L A UNIFIED SCHOOL DISTRICT	680 LITTLE ST	A3	34.0534351	-118.2694774
Los Angeles		5142013911	0.30	8.54	L A UNIFIED SCHOOL DIST	680 LITTLE ST	A3	34.0534351	-118.2694774
Los Angeles		5142023900	0.88	8.54	L A UNIFIED SCHOOL DIST		A3	34.0534351	-118.2694774
Los Angeles		5142026906	0.30	8.54	L A UNIFIED SCHOOL DIST	1501 W 7TH ST	A3	34.0534351	-118.2694774
Los Angeles		5142026915	0.30	8.54	L A UNIFIED SCHOOL DISTRICT	1546 WILSHIRE BLVD	A3	34.0534351	-118.2694774
Los Angeles	LA234	5142026921	0.61	8.54	L A UNIFIED SCHOOL DISTRICT	1500 WILSHIRE BLVD	A3	34.0534351	-118.2694774
Los Angeles		5539023900	0.86	8.41	L A UNIFIED SCHOOL DIST	607 N WESTMORELAND AVE	A2	34.0824757	-118.2886027
Los Angeles		5539024901	3.10	8.41	L A UNIFIED SCHOOL DIST	607 N WESTMORELAND AVE	A2	34.0824757	-118.2886027
Los Angeles		5539024902	0.34	8.41	L A UNIFIED SCHOOL DIST	607 N WESTMORELAND AVE	A2	34.0824757	-118.2886027
Los Angeles		5539025900	0.34	8.41	L A UNIFIED SCHOOL DIST	607 N WESTMORELAND AVE	A2	34.0824757	-118.2886027
Los Angeles	LA235	5539025902	0.34	8.41	L A UNIFIED SCHOOL DIST	607 N WESTMORELAND AVE	A2	34.0824757	-118.2886027
Los Angeles		5547015900	1.26	8.33	L A UNIFIED SCHOOL DIST	6611 SELMA AVE	A2	34.1005996	-118.3336903
Los Angeles		5547015901	1.11	8.33	L A UNIFIED SCHOOL DIST	6611 SELMA AVE	A2	34.1005996	-118.3336903
Los Angeles		5547015903	0.31	8.33	L A UNIFIED SCHOOL DISTRICT	6611 SELMA AVE	A2	34.1005996	-118.3336903
Los Angeles		5547015904	0.31	8.33	L A UNIFIED SCHOOL DISTRICT	6611 SELMA AVE	A2	34.1005996	-118.3336903
Los Angeles		5547015905	0.56	8.33	L A UNIFIED SCHOOL DISTRICT	6611 SELMA AVE	A2	34.1005996	-118.3336903
Los Angeles	LA236	5547015908	0.45	8.33	L A UNIFIED SCHOOL DISTRICT	6611 SELMA AVE	A2	34.1005996	-118.3336903
Los Angeles		5080012904	0.34	8.00	L A UNIFIED SCHOOL DIST	1211 S HOBART BLVD	A2	34.0479587	-118.3066308
Los Angeles		5080012905	0.39	8.00	L A UNIFIED SCHOOL DIST	1211 S HOBART BLVD	A2	34.0479587	-118.3066308
Los Angeles		5080019911	0.29	8.00	L A UNIFIED SCHOOL DIST	1211 S HOBART BLVD	A2	34.0479587	-118.3066308
Los Angeles	LA237	5080019921	0.30	8.00	L A UNIFIED SCHOOL DIST	1211 S HOBART BLVD	A2	34.0479587	-118.3066308
Los Angeles	LA238	5018003914	0.34	8.00	LOS ANGELES UNIFIED SCHOOL DIST	856 W VERNON AVE	A5	34.0034028	-118.2882158
Los Angeles	LA239	5078002905	0.30	8.00	LA UNIFIED SCHOOL DIST	2965 W OLYMPIC BLVD	A2	34.0529040	-118.2996679
Los Angeles	LA240	5016015926	0.29	8.00	L A UNIFIED SCHOOL DISTRICT	1717 W 47TH ST	A5	34.0012570	-118.3097300
Los Angeles	LA241	5045019900	0.60	8.00	L A UNIFIED SCHOOL DIST	3833 CRENSHAW BLVD	A5	34.0161026	-118.3356938
Los Angeles		5060030901	0.30	8.00	L A UNIFIED SCHOOL DIST	1908 3RD AVE	A5	34.0394933	-118.3191483
Los Angeles		5060030902	0.46	8.00	L A UNIFIED SCHOOL IDST	3200 E WASHINGTON BLVD	A5	34.0394933	-118.3191483
Los Angeles		5060030905	0.32	8.00	L A UNIFIED SCHOOL DIST	1926 3RD AVE	A5	34.0394933	-118.3191483
Los Angeles	LA242	5060031900	0.46	8.00	L A UNIFIED SCHOOL DISTRICT	2520 W WASHINGTON BLVD	A5	34.0394933	-118.3191483
Los Angeles	LA243	5078002904	0.40	8.00	LA UNIFIED SCHOOL DIST	2957 W OLYMPIC BLVD	A2	34.0529558	-118.2992471
Los Angeles	LA244	5137007913	0.42	8.00	L A CITY UNIFIED SCHOOL DIST		A3	34.0480905	-118.2698685
Los Angeles	LA245	5126018916	0.46	8.00	L A UNIFIED SCHOOL DISTRICT	2321 S GRAND AVE	A6	34.0286057	-118.2714214
Los Angeles	LA246	5123008910	0.29	8.00	L A UNIFIED SCHOOL		A5	34.0235873	-118.2827876
Los Angeles		5141016900	0.26	8.00	L A UNIFIED SCHOOL DIST	2300 W 7TH ST	A2	34.0568163	-118.2797022
Los Angeles		5141016902	0.42	8.00	L A UNIFIED SCHOOL DIST	2300 W 7TH ST	A2	34.0568163	-118.2797022
Los Angeles		5141016903	0.40	8.00	L A UNIFIED SCHOOL DIST	2300 W 7TH ST	A2	34.0568163	-118.2797022
Los Angeles	LA247	5141016905	0.37	8.00	LA UNIFIED SCHOOL DISTRICT	2323 W 8TH ST	A2	34.0568163	-118.2797022
Los Angeles	LA248	5534012909	0.37	7.00	L A UNIFIED SCHOOL DISTRICT	5951 SANTA MONICA BLVD	A2	34.0910005	-118.3193914
LA County	LC02	5010003900	5.36	10.00	L A UNIFIED SCHOOL DIST		A5	33.9960399	-118.3563302
LA County	LC03	5007011900	3.71	9.00	L A UNIFIED SCHOOL DIST	6401 SANTA MONICA BLVD	A5	33.9918871	-118.3434604
West Hollywood	WH05	5529020900	1.71	12.00	L A UNIFIED SCHOOL DIST		A2	34.0879873	-118.3630338
West Hollywood	WH06	5529009900	1.44	9.00	L A UNIFIED SCHOOL DIST		A2	34.0900388	-118.3621293
West Hollywood	WH07	4340003900	3.00	8.00	L A UNIFIED SCHOOL DIST	1201 S FIGUEROA ST	A2	34.0890595	-118.3867012

*Due to the fact that many of these parcels are vacant lots, addresses may not exist. The location of each AIN can be found online at http://navigatela.lacity.org or http://maps.assessor.lacounty.gov

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
1	2428027900	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope, Drain Proximity
2	2428027901	0.06			Landuse, Parcel Size, Slope, Drain Proximity
3	2428027902	0.06			Landuse, Parcel Size, Slope, Drain Proximity
4	2428028904	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope, Drain Proximity
5	2428028905	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope, Drain Proximity
6	2429022900	0.05	L A CITY S BY S		Parcel Size, Slope, Drain Proximity
7	2429023900	0.06	STATE OF CA MTNS RECREATION AND		Landuse, Parcel Size, Slope, Drain Proximity
8	2429023901	0.06	STATE OF CA MTNS RECREATION AND		Parcel Size, Slope, Drain Proximity
9	2429023902	0.06	STATE OF CA MTNS RECREATION AND		Parcel Size, Slope, Drain Proximity
10	2429026900	0.01	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope, Drain Proximity
11	4001014900	0.08	INGLEWOOD UNIFIED SCHOOL DIST		Parcel Size
12	4002023900	1.45	L A COUNTY	655 S ALVARADO ST	Tt excluded due to minimal tributary watershed area
13	4005007901	0.18			Parcel Size, Drain Proximity
14	4006002900	0.27	L A CITY		Drain Proximity
15	4006003900	0.64	L A CITY DEPT OF WATER AND POWER		Drain Proximity
16	4006004900	0.26	LOS ANGELES CITY HOUSING	6108 S VICTORIA AVE	Tt excluded due to minimal tributary watershed area
17	4006011902	0.14			Parcel Size, Drain Proximity
18	4006011903	0.17			Parcel Size, Drain Proximity
19	4006011904	0.15			Parcel Size, Drain Proximity
20	4006011905	0.20			Parcel Size, Drain Proximity
21	4006013901	0.50	LACMTA		Tt excluded due to minimal tributary watershed area
22	4006014901	0.50	LACMTA		Tt excluded due to minimal tributary watershed area
23	4006017900	0.00	L A CITY S BY S		Parcel Size
24	4006017901	0.10	LACMTA		Parcel Size
25	4006018901	0.25	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
26	4006021900	0.46	LACMTA		Tt excluded due to minimal tributary watershed area
27	4006023900	0.00	L A CITY S BY S		Parcel Size
28	4006023901	0.50	LACMTA		Tt excluded due to minimal tributary watershed area
29	4006024900	1.00	LACMTA		Tt excluded due to minimal tributary watershed area
30	4006025900	0.60	LACMTA		Tt excluded due to minimal tributary watershed area
31	4006035903	0.17			Parcel Size
32	4007016900	0.91	LACMTA		Tt excluded due to minimal tributary watershed area
33	4007019900	0.50	LACMTA		Tt excluded due to minimal tributary watershed area
34	4007020900	0.61	LACMTA		Tt excluded due to minimal tributary watershed area
35	4007022900	0.01	L A CITY		Parcel Size
36	4008002900	0.11	COMMUNITY DEV COMMISSION OF		Parcel Size
37	4008019900	0.25	L A CITY		Parcel Size
38	4008019901	0.25	L A CITY	2207 W FLORENCE AVE	Tt excluded due to minimal tributary watershed area
39	4008019902	0.13	L A CITY		Parcel Size
40	4008019904	0.14	L A CITY		Parcel Size
41	4009014900	0.17	L A CITY PARK		Parcel Size, Drain Proximity
42	4010018900	3.39	INGLEWOOD UNIFIED SCHOOL DIST		Drain Proximity
43	4013006900	0.06	INGLEWOOD CITY		Parcel Size
44	4013008901	0.79	INGLEWOOD CITY	5707 LEXINGTON AVE	Tt excluded due to minimal tributary watershed area
45	4013008902	1.48	LACMTA		Tt excluded due to minimal tributary watershed area
46	4013009900	1.44	L A COUNTY		Tt excluded due to minimal tributary watershed area
47	4013009901	0.11	L A COUNTY		Parcel Size
48	4013027900	0.02	LACMTA		Parcel Size
49	4013027901	0.14	LACMTA		Parcel Size
50	4013028901	1.58	LACMTA		Manually excluded - Local Knowledge/Feedback
51	4014031900	0.54	INGLEWOOD CITY		Ownership
52	4015015901	0.17	INGLEWOOD CITY		Parcel Size
53	4015015902	1.34	LACMTA		Manually excluded - Local Knowledge/Feedback
54	4015016900	0.74	LACMTA		Tt excluded due to minimal tributary watershed area
55	4015017900	0.13	CO SANITATION DIST NO 5		Parcel Size
56	4015017901	0.13	CO SANITATION DIST NO 5		Parcel Size
57	4015017902	1.11	LACMTA	1119 ALBANY ST	Tt excluded due to minimal tributary watershed area
58	4015018900	0.68	LACMTA		Tt excluded due to minimal tributary watershed area
59	4015018901	0.25	LACMTA		Parcel Size
60	4015019900	0.12			Parcel Size
61	4015019901	0.07			Parcel Size
62	4015019902	0.09			Parcel Size
63	4015028900	0.34	CITY OF INGLEWOOD		Manually excluded - Local Knowledge/Feedback
64	4015028901	0.35	CITY OF INGLEWOOD		Tt excluded due to minimal tributary watershed area
65	4015028902	0.43	CITY OF INGLEWOOD		Tt excluded due to minimal tributary watershed area
66	4015028903	0.34	CITY OF INGLEWOOD		Tt excluded due to minimal tributary watershed area
67	4015028904	0.17	CITY OF INGLEWOOD		Parcel Size
68	4015028905	0.09	CITY OF INGLEWOOD		Parcel Size
69	4015028906	0.26	CITY OF INGLEWOOD		Tt excluded due to minimal tributary watershed area
70	4015028907	0.09	CITY OF INGLEWOOD		Parcel Size
71	4015028908	0.34	CITY OF INGLEWOOD		Tt excluded due to minimal tributary watershed area
72	4015028909	0.17	CITY OF INGLEWOOD		Parcel Size
73	4015029901	1.66	STATE OF CA		Manually excluded - Local Knowledge/Feedback
74	4016011900	0.02	INGLEWOOD WATER DEPT		Parcel Size
75	4016021901	3.89	INGLEWOOD CITY	7341 WILLOUGHBY AVE	Tt excluded due to minimal tributary watershed area
76	4016021902	2.79	STATE OF CALIF	655 S ALVARADO ST	Tt excluded due to minimal tributary watershed area
77	4016023902	0.50	INGLEWOOD CITY	6401 SANTA MONICA BLVD	Tt excluded due to minimal tributary watershed area

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
78	4016023910	1.35	EL CAMINO COMMUNITY COLLEGE	1811 Hoover St	Tt excluded due to minimal tributary watershed area
79	4016023911	8.97	INGLEWOOD CITY		Tt excluded due to minimal tributary watershed area
80	4016030900	0.64	LACMTA	1118 VALENCIA ST	Tt excluded due to minimal tributary watershed area
81	4016030901	0.03	LACMTA		Parcel Size
82	4016030902	0.55	LACMTA	1200 S VERMONT AVE	Tt excluded due to minimal tributary watershed area
83	4017002900	0.00	INGLEWOOD CITY		Parcel Size
84	4017002902	0.41			Tt excluded due to minimal tributary watershed area
85	4017025902	0.18	CITY OF INGLEWOOD		Parcel Size
86	4017025903	0.16	CITY OF INGLEWOOD		Parcel Size
87	4017025904	0.10	INGLEWOOD CITY		Parcel Size
88	4017028906	0.11	REDEVELOPMENT AGENCY OF		Parcel Size
89	4017028909	0.49	REDEVELOPMENT AGENCY OF	4117 W WASHINGTON BLVD	Tt excluded due to minimal tributary watershed area
90	4017032901	0.16	INGLEWOOD CITY		Parcel Size
91	4017032906	0.75	INGLEWOOD CITY		Tt excluded due to minimal tributary watershed area
92	4017032910	0.99	INGLEWOOD CITY		Tt excluded due to minimal tributary watershed area
93	4017032911	1.89	INGLEWOOD CITY		Tt excluded due to minimal tributary watershed area
94	4017032912	0.45	INGLEWOOD CITY	11801 MISSOURI AVE	Tt excluded due to minimal tributary watershed area
95	4017032913	0.65	REDEVELOPMENT AGENCY OF		Tt excluded due to minimal tributary watershed area
96	4018002902	0.13	INGLEWOOD CITY S BY S		Parcel Size
97	4018006900	0.47	LACMTA		Tt excluded due to minimal tributary watershed area
98	4018006901	0.62	LACMTA	1945 S HILL ST	Tt excluded due to minimal tributary watershed area
99	4018006902	1.48	LACMTA	5905 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
100	4020005900	0.64	L A CO METROPOLITAN	11430 W WOODBINE ST	Tt excluded due to minimal tributary watershed area
101	4020021902	0.54	INGLEWOOD CITY		Tt excluded due to minimal tributary watershed area
102	4020021903	0.55	LACMTA		Tt excluded due to minimal tributary watershed area
103	4020022914	1.23	INGLEWOOD CITY		Ownership
104	4020022915	1.58	STATE OF CA		Ownership
105	4020023900	6.38	INGLEWOOD UNIFIED SCHOOL DIST		Manually excluded - Local Knowledge/Feedback
106	4020024913	2.21	INGLEWOOD CITY		Manually excluded - Local Knowledge/Feedback
107	4020024914	1.78	L A COUNTY		Manually excluded - Local Knowledge/Feedback
108	4021007903	0.38	CITY OF INGLEWOOD		Drain Proximity
109	4021007904	0.32	CITY OF INGLEWOOD		Drain Proximity
110	4021007905	0.38	CITY OF INGLEWOOD		Drain Proximity
111	4021007906	0.21	CITY OF INGLEWOOD		Parcel Size, Drain Proximity
112	4021008901	0.42	STATE OF CA		Manually excluded - Local Knowledge/Feedback
113	4021008911	1.94	INGLEWOOD CITY		Manually excluded - Local Knowledge/Feedback
114	4021008912	0.19	CITY OF INGLEWOOD		Parcel Size, Drain Proximity
115	4021008913	0.17	CITY OF INGLEWOOD		Parcel Size, Drain Proximity
116	4021008914	0.34	CITY OF INGLEWOOD		Manually excluded - Local Knowledge/Feedback
117	4021009909	1.32	CITY OF INGLEWOOD		Drain Proximity
118	4103005902	3.88	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
119	4103022900	1.50	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
120	4103024900	2.12	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
121	4103024901	0.23	L A CO FLOOD CONTROL DIST		Parcel Size
122	4104003900	0.25	STATE OF CALIF DEPT OF		Parcel Size
123	4104003901	0.19	STATE OF CALIFORNIA		Parcel Size
124	4104003902	0.16	STATE OF CALIFORNIA		Parcel Size
125	4104004900	0.17	STATE OF CALIFORNIA		Parcel Size
126	4104005900	0.22	U S POSTAL SERVICE		Parcel Size
127	4104005901	0.28	U S POSTAL SERVICE	7385 LA TIJERA BLVD	Manually excluded - Local Knowledge/Feedback
128	4104005902	0.34	U S POSTAL SERVICE		Manually excluded - Local Knowledge/Feedback
129	4104005903	0.05	U S POSTAL SERVICE		Parcel Size
130	4104005904	0.19	U S POSTAL SERVICE		Parcel Size
131	4104005905	0.14	U S POSTAL SERVICE		Parcel Size
132	4104005906	0.09	U S POSTAL SERVICE		Parcel Size
133	4104005907	1.00	U S POSTAL SERVICE		Manually excluded - Local Knowledge/Feedback
134	4104005908	0.25	U S POSTAL SERVICE		Parcel Size
135	4104017904	0.01	L A CITY		Parcel Size
136	4104018902	0.01	L A CITY		Parcel Size
137	4105017900	0.03	L A CITY		Parcel Size
138	4105017901	0.01	L A CITY		Parcel Size
139	4106002900	0.01	L A CITY S BY S		Parcel Size
140	4106002901	0.01	L A CITY S BY S		Parcel Size
141	4106002902	0.01	L A CITY S BY S		Parcel Size
142	4107008905	0.01	L A CITY S BY S		Parcel Size, Drain Proximity
143	4107009904	0.01	L A CITY S BY S		Parcel Size, Drain Proximity
144	4107014905	0.00	L A CITY S BY S		Parcel Size
145	4107014909	0.01	L A CITY S BY S		Parcel Size
146	4107014910	0.02	L A CITY S BY S		Parcel Size
147	4107018902	0.02	L A CITY S BY S		Parcel Size
148	4107018903	0.01	L A CITY S BY S		Parcel Size
149	4108027900	0.03	L A CITY S BY S		Parcel Size, Drain Proximity
150	4110014901	0.11	L A CITY		Parcel Size
151	4114002900	1.79	STATE OF CALIFORNIA		Landuse, Drain Proximity
152	4114003900	0.22	STATE OF CALIFORNIA		Landuse, Parcel Size, Drain Proximity
153	4114003901	0.14	STATE OF CALIFORNIA		Landuse, Parcel Size, Drain Proximity
154	4114003902	0.14	STATE OF CALIFORNIA		Landuse, Parcel Size, Drain Proximity

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
155	4114003903	0.26	STATE OF CALIFORNIA		Landuse, Drain Proximity
156	4114003904	0.13	STATE OF CALIFORNIA		Landuse, Parcel Size, Drain Proximity
157	4114003905	0.14	STATE OF CALIFORNIA		Landuse, Parcel Size
158	4115009900	0.17	L A CITY		Parcel Size
159	4115021900	1.07	L A CITY		Landuse, Drain Proximity
160	4115021901	0.24	L A CITY		Landuse, Parcel Size, Drain Proximity
161	4116010902	0.29	L A CITY		Manually excluded - Local Knowledge/Feedback
162	4125001901	13.59	L A CITY		Manually excluded - Local Knowledge/Feedback
163	4125006900	0.01	L A CITY S BY S		Parcel Size
164	4125008900	0.03	L A CITY		Parcel Size
165	4125008901	0.01	L A CITY		Parcel Size
166	4127003900	1.09	INGLEWOOD CITY		Tt excluded due to minimal tributary watershed area
167	4127024900	1.60	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
168	4127024901	4.07	L A COUNTY		Manually excluded - Local Knowledge/Feedback
169	4134001900	0.35	BANKFIELD PROPERTY LLC		Manually excluded - Local knowledge/Input
170	4134001901	0.06	BANKFIELD PROPERTY LLC		Parcel Size
171	4134001902	0.06	BANKFIELD PROPERTY LLC		Parcel Size
172	4134003900	0.05	CULVER CITY		Parcel Size
173	4134005900	0.05	METROPOLITAN WATER DIST		Parcel Size
174	4134005901	0.08	CULVER CITY		Parcel Size
175	4134005902	1.00	CULVER CITY		Tt excluded due to minimal tributary watershed area
176	4134005903	10.00	CULVER CITY		Tt excluded due to minimal tributary watershed area
177	4134011900	0.00	CULVER CITY		Parcel Size
178	4134016900	1.41	TEMPLE ISRAEL OF HOLLYWOOD		Ownership
179	4134016901	24.60	TEMPLE ISRAEL OF HOLLYWOOD		Ownership
180	4134016902	4.01	TEMPLE ISRAEL OF HOLLYWOOD		Ownership
181	4134016903	3.69	TEMPLE ISRAEL OF HOLLYWOOD		Ownership
182	4134016904	3.29	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
183	4134016905	7.58	TEMPLE ISRAEL OF HOLLYWOOD		Manually excluded - Local Knowledge/Feedback
184	4134016906	1.77	STATE OF CALIFORNIA		Ownership
185	4134018901	0.07	CULVER CITY		Parcel Size
186	4134018902	0.01	REDEVELOPMENT AGENCY OF		Parcel Size
187	4134018903	2.46	L A CO FLOOD CONTROL DIST	455 S UNION AVE	Manually excluded - Local Knowledge/Feedback
188	4201003900	0.69	L A COUNTY CONSOLIDATED FIRE		Ownership
189	4201003901	23.12	L A COUNTY		Landuse
190	4201003902	66.74	BALDWIN HILLS REGIONAL		Landuse
191	4203011900	1.43	CULVER CITY		Tt excluded due to minimal tributary watershed area
192	4203019900	0.18	CULVER CITY		Parcel Size
193	4203026900	1.35	L A COUNTY	1945 S HILL ST	Tt excluded due to minimal tributary watershed area
194	4203027900	64.52	ROMAN CATHOLIC ARCHBISHOP OF L A		Ownership
195	4203027901	36.86	ROMAN CATHOLIC ARCHBISHOP OF L A		Ownership, Drain Proximity
196	4203027902	41.74	ROMAN CATHOLIC ARCHBISHOP OF L A		Ownership
197	4203027903	49.68	ROMAN CATHOLIC ARCHBISHOP OF L A		Ownership
198	4204002900	0.09	L A CO FLOOD CONTROL DIST		Parcel Size
199	4204002901	1.69	CULVER CITY		Manually excluded - Local Knowledge/Feedback
200	4204003900	1.24	L A COUNTY	5905 WILSHIRE BLVD	Manually excluded - Local Knowledge/Feedback
201	4204003901	37.44	CULVER CITY		Slope
202	4204005900	1.55	CULVER CITY		Slope
203	4204007900	1.04	STATE OF CALIF MTNS RECREATION		Slope
204	4204007902	4.86	STATE OF CALIF MTNS RECREATION		Slope
205	4204007903	0.11	STATE OF CALIF MTNS RECREATION		Parcel Size, Slope
206	4204007904	0.15	STATE OF CALIF MTNS RECREATION		Parcel Size, Slope, Drain Proximity
207	4204007905	0.03	STATE OF CALIF MTNS RECREATION		Landuse, Parcel Size, Slope, Drain Proximity
208	4204007906	1.02	STATE OF CALIF MTNS RECREATION		Slope, Drain Proximity
209	4204007908	5.75	STATE OF CALIF MTNS RECREATION		Slope
210	4204007909	1.39	STATE OF CALIF MTNS RECREATION		Slope
211	4204007910	8.15	STATE OF CALIF MTNS RECREATION		Slope
212	4204007911	0.28	STATE OF CALIF MTNS RECREATION		Slope
213	4204007912	1.26	STATE OF CALIF MTNS RECREATION		Slope
214	4204007913	6.47	STATE OF CALIF MTNS RECREATION		Slope
215	4204007914	6.33	STATE OF CALIF MTNS RECREATION		Slope
216	4204007915	11.83	STATE OF CALIF MTNS RECREATION		Slope
217	4204008900	0.17	L A CITY		Parcel Size
218	4204008901	5.05	LA CITY		Slope
219	4204008902	0.06	STATE OF CALIF MTNS RECREATION		Parcel Size, Slope
220	4204011900	0.00	CULVER CITY S BY S		Parcel Size
221	4204013901	0.12	STATE OF CALIF MTNS RECREATION		Parcel Size, Slope, Drain Proximity
222	4204013903	0.27	STATE OF CALIF MTNS RECREATION		Drain Proximity
223	4204013904	0.03	STATE OF CALIF MTNS RECREATION		Parcel Size, Slope
224	4204013905	0.03	STATE OF CALIF MTNS RECREATION		Parcel Size, Slope
225	4204013906	0.40	STATE OF CALIF MTNS RECREATION		Drain Proximity
226	4204014903	3.43	STATE OF CALIF MTNS RECREATION		Slope, Drain Proximity
227	4204014904	3.85	STATE OF CALIF MTNS RECREATION		Drain Proximity
228	4204014905	1.01	BALDWIN HILLS REGIONAL		Landuse
229	4204014906	9.65	BALDWIN HILLS REGIONAL		Slope
230	4204014907	10.16	BALDWIN HILLS REGIONAL		Slope
231	4204014908	3.59	BALDWIN HILLS REGIONAL CONSERV		Landuse

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
232	4204014909	0.96	BALDWIN HILLS REGIONAL CONSERV		Tt excluded due to minimal tributary watershed area
233	4204014910	0.46	BALDWIN HILLS REGIONAL CONSERV	11801 MISSOURI AVE	Tt excluded due to minimal tributary watershed area
234	4204018900	8.80	L A CITY COMMUNITY COLLEGE DIST	7341 WILLOUGHBY AVE	Tt excluded due to minimal tributary watershed area
235	4204018901	60.46	L A CITY COMMUNITY COLLEGE DIST		Slope
236	4204018902	0.04	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
237	4204018903	1.01	L A CITY COMMUNITY COLLEGE DIST		Landuse
238	4204018904	1.87	L A CO FLOOD CONTROL DIST		Tt excluded due to minimal tributary watershed area
239	4205003901	0.03	L A CO FLOOD CONTROL DIST		Parcel Size
240	4205003902	0.04	CULVER CITY		Parcel Size
241	4205005900	0.18	L A CO FLOOD CONTROL DIST		Parcel Size
242	4205005908	0.04	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
243	4205005910	0.05	L A CO FLOOD CONTROL DIST		Parcel Size
244	4205005911	0.04	L A COUNTY FLOOD CONTROL DIST		Parcel Size
245	4205005912	0.05	L A COUNTY FLOOD CONTROL DIST		Parcel Size
246	4205007900	1.14	L A CO FLOOD CONTROL DIST		Tt excluded due to minimal tributary watershed area
247	4205007901	0.25	CULVER CITY S BY S		Parcel Size
248	4205008900	0.03	L A CO FLOOD CONTROL DIST		Parcel Size
249	4205008902	0.39	L A CO FLOOD CONTROL DIST		Tt excluded due to minimal tributary watershed area
250	4205011901	0.72	CULVER CITY S BY S		Manually excluded - Local knowledge/Input
251	4205012901	0.66	CULVER CITY	3785 WILSHIRE BLVD	Manually excluded - Local knowledge/Input
252	4205012902	0.12	CULVER CITY		Parcel Size
253	4205012904	0.12	CULVER CITY		Parcel Size
254	4205015903	0.21	CULVER CITY		Parcel Size
255	4205020902	0.18	LACMTA		Parcel Size
256	4205020903	1.82	LACMTA		Manually excluded - Local Knowledge/Feedback
257	4205020904	0.36			Tt excluded due to minimal tributary watershed area
258	4205020905	0.40			Manually excluded - Local knowledge/Input
259	4205022900	0.10	CULVER CITY		Parcel Size
260	4205022901	0.08	CULVER CITY		Parcel Size
261	4205022902	0.00	CULVER CITY		Parcel Size
262	4205022903	0.21	CULVER CITY		Parcel Size
263	4205023902	0.97	REGENTS OF THE UNIVERSITY OF CA		Tt excluded due to minimal tributary watershed area
264	4205026900	1.62	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
265	4205026901	3.64	L A CO FLOOD CONTROL DIST S BY S		Tt excluded due to minimal tributary watershed area
266	4205034900	3.27	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
267	4205034901	4.09	CULVER CITY		Tt excluded due to minimal tributary watershed area
268	4206002902	0.78	LACMTA	6801 HOLLYWOOD BLVD	Tt excluded due to minimal tributary watershed area
269	4206002903	0.41	L A CO METROPOLITAN		Tt excluded due to minimal tributary watershed area
270	4206013901	0.00	CULVER CITY		Parcel Size
271	4206020901	0.00	CULVER CITY S BY S		Parcel Size
272	4206020904	0.00	CULVER CITY S BY S		Parcel Size
273	4206020905	0.00	CULVER CITY S BY S		Parcel Size
274	4206027905	1.08	CULVER CITY	1811 Hoover St	Tt excluded due to minimal tributary watershed area
275	4206028900	0.30	CULVER CITY PARKING AUTHORITY		Tt excluded due to minimal tributary watershed area
276	4206028901	0.09	CULVER CITY PARKING AUTHORITY		Parcel Size
277	4206029932	1.44	SUCCESSOR AGENCY TO THE CULVER		Tt excluded due to minimal tributary watershed area
278	4206029934	1.16	SUCCESSOR AGENCY TO THE	6401 SANTA MONICA BLVD	Tt excluded due to minimal tributary watershed area
279	4206029935	0.91	SUCCESSOR AGENCY TO THE	5707 LEXINGTON AVE	Tt excluded due to minimal tributary watershed area
280	4206030901	0.16	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
281	4206033917	0.05	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
282	4206033925	0.02	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
283	4206033929	0.00	LACMTA		Parcel Size
284	4206033932	0.01	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
285	4206033934	0.04	REDEVELOPMENT AGENCY OF		Parcel Size, Drain Proximity
286	4206033935	0.06	REDEVELOPMENT AGENCY OF		Parcel Size
287	4206033936	0.04	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
288	4207001900	0.15	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
289	4207001901	0.03	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
290	4207001902	0.19	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
291	4207001903	0.15	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
292	4207001904	0.06	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
293	4207002900	0.01	CULVER CITY S BY S		Parcel Size
294	4207002901	0.01	CULVER CITY S BY S		Parcel Size
295	4207006914	0.33	CULVER CITY		Tt excluded due to minimal tributary watershed area
296	4207006915	0.15	CULVER CITY		Parcel Size
297	4207007900	0.12	CULVER CITY		Ownership, Parcel Size
298	4207007903	0.86	CULVER CITY		Ownership
299	4207007904	0.17	CULVER CITY		Ownership, Parcel Size
300	4207007905	0.10	CULVER CITY		Ownership, Parcel Size
301	4207007906	0.17	CULVER CITY		Ownership, Parcel Size
302	4207008905	2.84	CULVER CITY		Ownership
303	4207008906	0.09	CULVER CITY		Parcel Size
304	4207008907	0.16	CULVER CITY		Parcel Size
305	4207008908	0.07	CULVER CITY		Parcel Size
306	4207008909	0.18	CULVER CITY		Parcel Size
307	4207008910	0.18	CULVER CITY		Parcel Size
308	4207008911	0.19	CULVER CITY		Parcel Size

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
309	4207008912	0.18	CULVER CITY		Parcel Size
310	4207008913	0.18	CULVER CITY		Parcel Size
311	4207008914	0.09	CULVER CITY HOUSING AUTHORITY		Parcel Size
312	4207008915	0.06	CULVER CITY HOUSING AUTHORITY		Parcel Size
313	4207008916	0.06	CULVER CITY HOUSING AUTHORITY		Parcel Size
314	4207008917	0.19	CULVER CITY		Parcel Size
315	4207009901	0.67	U S GOVT		Tt excluded due to minimal tributary watershed area
316	4207023900	0.17	L A CO FLOOD CONTROL DIST		Parcel Size
317	4207028900	1.77	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
318	4207028901	1.13	L A CO FLOOD CONTROL DIST	1200 S VERMONT AVE	Manually excluded - Local knowledge/Input
319	4207028902	3.82	L A CO FLOOD CONTROL DIST	1201 S FIGUEROA ST	Manually excluded - Local knowledge/Input
320	4207028905	0.50	CULVER CITY	1423 W 012 ST	Manually excluded - Local knowledge/Input
321	4207032904	1.00	L A CO FLOOD CONTROL DIST		Manually excluded - Local knowledge/Input
322	4207032906	3.60	CULVER CITY		Manually excluded - Local Knowledge/Feedback
323	4207032907	0.66	CULVER CITY		Manually excluded - Local knowledge/Input
324	4207032908	0.44	CULVER CITY	6014 WARING AVE	Manually excluded - Local Knowledge/Feedback
325	4208001900	0.21	CULVER CITY		Parcel Size
326	4208014900	0.11	CULVER CITY		Parcel Size
327	4208032903	1.40	CULVER CITY	7341 WILLOUGHBY AVE	Tt excluded due to minimal tributary watershed area
328	4208032904	1.60	CULVER CITY		Tt excluded due to minimal tributary watershed area
329	4209001903	0.31	CULVER CITY HOUSING AUTHORITY		Tt excluded due to minimal tributary watershed area
330	4209002900	0.09	CULVER CITY		Parcel Size
331	4209004900	0.03	L A CO FLOOD CONTROL DIST S BY S		Parcel Size
332	4209004904	0.02	CULVER CITY		Parcel Size
333	4209004908	0.14	CULVER CITY		Parcel Size
334	4209004910	0.02	L A CO FLOOD CONTROL DIST		Parcel Size
335	4209004913	0.00	L A CO FLOOD CONTROL DIST		Parcel Size
336	4209014900	2.45	CULVER CITY	897 S WINDSOR BLVD	Tt excluded due to minimal tributary watershed area
337	4209024900	0.88	L A COUNTY		Tt excluded due to minimal tributary watershed area
338	4209024901	0.23	L A COUNTY		Parcel Size
339	4209027900	0.15	CULVER CITY S BY S		Parcel Size
340	4209027905	0.03	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
341	4209027906	0.71	L A CO FLOOD CONTROL DIST S BY S		Manually excluded - Local knowledge/Input
342	4209027907	1.69	REDEVELOPMENT AGENCY OF	1119 ALBANY ST	Manually excluded - Local knowledge/Input
343	4209029900	0.05	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
344	4209029922	3.77	L A CO FLOOD CONTROL DIST		Manually excluded - Local knowledge/Input
345	4209029923	0.33	SUCCESSOR AGENCY TO THE CULVER		Manually excluded - Local knowledge/Input
346	4209029924	0.38	SUCCESSOR AGENCY TO THE CULVER		Manually excluded - Local knowledge/Input
347	4209029925	0.38	SUCCESSOR AGENCY TO THE CULVER		Manually excluded - Local knowledge/Input
348	4209030900	1.60	L A CO FLOOD CONTROL DIST S BY S	1118 VALENCIA ST	Manually excluded - Local knowledge/Input
349	4209030901	2.29	SUCCESSOR AGENCY TO THE CULVER		Manually excluded - Local knowledge/Input
350	4210012900	4.17	CULVER CITY		Manually excluded - Local knowledge/Input
351	4210014900	12.87	CULVER CITY		Tt excluded due to minimal tributary watershed area
352	4210017901	1.46	L A COUNTY		Manually excluded - Local Knowledge/Feedback
353	4210017902	1.36	CULVER CITY	600 LORRAINE BLVD	Manually excluded - Local Knowledge/Feedback
354	4210020900	11.24	CULVER CITY		Manually excluded - Local knowledge/Input
355	4211001901	0.10	L A CO FLOOD CONTROL DIST		Parcel Size
356	4211001902	0.79	L A CO FLOOD CONTROL DIST		Tt excluded due to minimal tributary watershed area
357	4211006901	6.59	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
358	4211006906	0.67	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
359	4211007900	0.06	L A CO FLOOD CONTROL DIST		Landuse, Parcel Size
360	4211007904	0.02	L A CO FLOOD CONTROL DIST		Parcel Size
361	4211007907	0.14	LACMTA		Landuse, Parcel Size
362	4211007909	4.29	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
363	4211007910	0.39	L A COUNTY		Landuse
364	4211007911	30.79	STATE OF CALIFORNIA		Manually excluded - Local Knowledge/Feedback
365	4211007912	0.90	STATE OF CALIFORNIA		Landuse
366	4211007913	7.26	STATE OF CALIFORNIA		Landuse
367	4211007914	9.42	STATE OF CALIFORNIA		Landuse
368	4211007915	12.99	STATE OF CALIFORNIA		Landuse
369	4211007916	5.87	STATE OF CALIFORNIA		Manually excluded - Local Knowledge/Feedback
370	4211007917	7.00	STATE OF CALIFORNIA		Manually excluded - Local Knowledge/Feedback
371	4211007918	1.86	STATE OF CALIFORNIA		Manually excluded - Local Knowledge/Feedback
372	4211007919	8.28	STATE OF CALIFORNIA		Manually excluded - Local Knowledge/Feedback
373	4211007920	2.00			Landuse
374	4211007921	0.78			Landuse
375	4211007922	1.89			Manually excluded - Local Knowledge/Feedback
376	4211007923	0.06			Parcel Size
377	4211007924	0.21			Landuse, Parcel Size
378	4211007925	0.22			Landuse, Parcel Size
379	4211008900	0.16	L A CITY		Parcel Size
380	4211014900	0.40	STATE OF CALIFORNIA		Landuse
381	4211014901	85.48	STATE OF CALIFORNIA		Landuse
382	4211014902	22.94	STATE OF CALIFORNIA		Landuse
383	4211014903	0.27	STATE OF CALIFORNIA		Landuse
384	4211014904	32.44	STATE OF CALIFORNIA		Landuse
385	4211014905	5.80	STATE OF CALIFORNIA		Landuse

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
386	4211015900	0.40	STATE OF CALIFORNIA		Landuse
387	4211015901	0.21	STATE OF CALIFORNIA		Landuse, Parcel Size
388	4211015902	30.51	STATE OF CALIFORNIA		Landuse
389	4211015903	1.25	STATE OF CALIFORNIA		Manually excluded - Local Knowledge/Feedback
390	4211015904	1.72	STATE OF CALIFORNIA		Manually excluded - Local Knowledge/Feedback
391	4211016901	14.91	STATE OF CALIFORNIA		Landuse
392	4211016902	8.16	STATE OF CALIFORNIA		Manually excluded - Local Knowledge/Feedback
393	4211020900	0.83	L A CITY		Tt excluded due to minimal tributary watershed area
394	4211023900	0.00			Landuse, Parcel Size
395	4213019911	2.21	METROPOLITAN WATER DIST		Tt excluded due to minimal tributary watershed area
396	4213020900	0.26	CULVER CITY		Tt excluded due to minimal tributary watershed area
397	4213021901	0.20	CULVER CITY		Parcel Size
398	4214001900	0.01	CULVER CITY		Parcel Size
399	4214022900	0.20	L A CITY		Parcel Size
400	4214022901	0.19	L A CITY		Parcel Size
401	4214022902	0.17	L A CITY		Parcel Size
402	4214022903	0.17	L A CITY		Parcel Size
403	4214022904	0.25	L A CITY	11970 VENICE BLVD	Tt excluded due to minimal tributary watershed area
404	4215001904	0.34			Tt excluded due to minimal tributary watershed area
405	4215002900	0.03	L A CO FLOOD CONTROL DIST		Parcel Size
406	4215004900	0.10	L A CO FLOOD CONTROL DIST		Parcel Size
407	4215005900	1.25	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
408	4215005902	0.01	L A CO FLOOD CONTROL DIST		Parcel Size
409	4215005911	3.58	L A CO FLOOD CONTROL DIST		Tt excluded due to minimal tributary watershed area
410	4215005912	0.05	L A CO FLOOD CONTROL DIST		Parcel Size
411	4215017902	0.06	STATE OF CALIFORNIA		Parcel Size
412	4215017903	0.07	STATE OF CALIFORNIA		Parcel Size
413	4215018900	0.08	CULVER CITY		Parcel Size
414	4215026900	2.39	L A CO FLOOD CONTROL DIST		Drain Proximity
415	4215026901	0.59	L A CO FLOOD CONTROL DIST	5005 PURDUE AVE	Tt excluded due to minimal tributary watershed area
416	4215026902	1.81	L A CO FLOOD CONTROL DIST		Tt excluded due to minimal tributary watershed area
417	4215027901	1.53	L A CO FLOOD CONTROL DIST S BY S		Manually excluded - Local Knowledge/Feedback
418	4215027902	2.57	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
419	4215031900	1.94	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
420	4215031901	0.08	L A CO FLOOD CONTROL DIST		Parcel Size
421	4215032900	0.20	CULVER CITY		Parcel Size
422	4216008903	0.04	L A CO FLOOD CONTROL DIST		Parcel Size
423	4216008904	0.10	STATE OF CALIFORNIA DEPT		Parcel Size
424	4216016900	1.65	CULVER CITY		Tt excluded due to minimal tributary watershed area
425	4216029900	0.35	CULVER CITY		Tt excluded due to minimal tributary watershed area
426	4217004905	1.24	STATE OF CALIF		Tt excluded due to minimal tributary watershed area
427	4217004906	1.05	STATE OF CALIF	11376 W WASHINGTON BLVD	Tt excluded due to minimal tributary watershed area
428	4217010900	0.66	LACMTA		Tt excluded due to minimal tributary watershed area
429	4217010901	0.41	LACMTA		Tt excluded due to minimal tributary watershed area
430	4217010902	0.33	LACMTA		Tt excluded due to minimal tributary watershed area
431	4217010903	0.61	LACMTA		Tt excluded due to minimal tributary watershed area
432	4217010904	0.15	REDEVELOPMENT AGENCY OF		Parcel Size
433	4217011904	0.22	CULVER CITY		Parcel Size
434	4217011905	0.29	CULVER CITY		Tt excluded due to minimal tributary watershed area
435	4217021900	0.14	STATE OF CALIFORNIA		Parcel Size
436	4217023900	0.07	L A CITY		Parcel Size
437	4217029901	2.12	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
438	4217029902	2.42	L A CO FLOOD CONTROL DIST		Tt excluded due to minimal tributary watershed area
439	4218001902	2.26	L A CO FLOOD CONTROL DIST		Tt excluded due to minimal tributary watershed area
440	4218002902	4.97	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
441	4218002903	19.10	L A CITY HOUSING AUTHORITY		Manually excluded - Local Knowledge/Feedback
442	4218002904	0.76	L A CITY HOUSING AUTHORITY		Manually excluded - Local Knowledge/Feedback
443	4218002905	0.08	L A CITY HOUSING AUTHORITY		Parcel Size
444	4218005900	0.68	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
445	4218005901	1.78	L A CO FLOOD CONTROL DIST		Tt excluded due to minimal tributary watershed area
446	4218005902	4.19	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
447	4218006902	0.04	L A CO FLOOD CONTROL DIST		Parcel Size
448	4218006903	0.09	STATE OF CALIF DEPT OF		Parcel Size
449	4218020900	3.64	L A CO FLOOD CONTROL DIST S BY S		Manually excluded - Local Knowledge/Feedback
450	4220001910	0.01	L A CITY		Parcel Size
451	4220001912	0.61	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
452	4220001915	0.53	L A CO FLOOD CONTROL DIST		Tt excluded due to minimal tributary watershed area
453	4220001916	0.76	L A CO FLOOD CONTROL DIST		Tt excluded due to minimal tributary watershed area
454	4220002900	0.04	L A CO FLOOD CONTROL DIST		Parcel Size
455	4220002901	0.06	L A CO FLOOD CONTROL DIST		Parcel Size
456	4220002902	0.03	L A CO FLOOD CONTROL DIST		Parcel Size
457	4220003901	0.03	L A CO FLOOD CONTROL DIST		Parcel Size
458	4220003902	0.85	L A CO FLOOD CONTROL DIST		Tt excluded due to minimal tributary watershed area
459	4220003903	0.53	L A CO FLOOD CONTROL DIST		Tt excluded due to minimal tributary watershed area
460	4220003904	0.11	CULVER CITY		Parcel Size
461	4220004900	0.03	L A CO FLOOD CONTROL DIST		Parcel Size, Drain Proximity
462	4220004901	0.78	STATE OF CALIF		Tt excluded due to minimal tributary watershed area

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
463	4220004902	0.18	L A CO FLOOD CONTROL DIST		Parcel Size, Drain Proximity
464	4220006907	0.15	L A CO WEST VECTOR CONTROL DIST		Parcel Size, Drain Proximity
465	4220006908	0.12	L A CO WEST VECTOR CONTROL DIST		Parcel Size, Drain Proximity
466	4220006909	0.12	L A CO WEST VECTOR CONTROL DIST		Parcel Size
467	4220006910	0.12	L A CO WEST VECTOR CONTROL DIST		Parcel Size
468	4220006911	0.12	L A CO WEST VECTOR CONTROL DIST		Parcel Size, Drain Proximity
469	4220006912	0.12	L A CO WEST VECTOR CONTROL DIST		Parcel Size, Drain Proximity
470	4220006913	0.11	L A CO WEST VECTOR CONTROL DIST		Parcel Size, Drain Proximity
471	4220006914	0.10	L A CO WEST VECTOR COTROL DIST		Parcel Size, Drain Proximity
472	4220009903	0.23	L A CO FLOOD CONTROL DIST		Parcel Size
473	4220009905	0.50	L A CO FLOOD CONTROL DIST		Tt excluded due to minimal tributary watershed area
474	4220009908	0.57	L A CO FLOOD CONTROL DIST		Tt excluded due to minimal tributary watershed area
475	4220009909	0.24	L A CO FLOOD CONTROL DIST		Parcel Size, Drain Proximity
476	4220015901	0.01	L A CO FLOOD CONTROL DIST		Parcel Size
477	4220016900	0.18	L A CITY		Parcel Size, Drain Proximity
478	4221001900	0.35	L A CITY		Tt excluded due to minimal tributary watershed area
479	4221003902	1.11	L A CITY DEPT OF WATER AND POWER		Tt excluded due to minimal tributary watershed area
480	4221009902	4.51	L A CITY		Tt excluded due to minimal tributary watershed area
481	4221010900	0.01	L A CITY S BY S		Parcel Size
482	4221024904	1.17	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
483	4221024905	0.02	L A CO FLOOD CONTROL DIST		Parcel Size
484	4221024906	3.10	L A CO FLOOD CONTROL DIST S BY S		Manually excluded - Local Knowledge/Feedback
485	4221024910	0.24	BALDWIN HILLS REGIONAL		Parcel Size
486	4223009900	0.77	LACMTA		Manually excluded - Local Knowledge/Feedback
487	4223009901	1.34	LACMTA		Manually excluded - Local Knowledge/Feedback
488	4223009902	0.04	LACMTA		Parcel Size
489	4223009903	1.06	LACMTA		Manually excluded - Local Knowledge/Feedback
490	4223009904	0.12	LACMTA		Parcel Size
491	4223009905	0.01	LACMTA		Parcel Size
492	4223009906	0.34	LACMTA		Manually excluded - Local Knowledge/Feedback
493	4223009907	0.03	LACMTA		Parcel Size
494	4223009908	0.01	LACMTA		Parcel Size
495	4224014900	0.01	L A CO FLOOD CONTROL DIST		Landuse, Parcel Size
496	4231002900	0.19	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
497	4231002901	0.32	SUCCESSOR AGENCY TO THE CULVER		Tt excluded due to minimal tributary watershed area
498	4231002902	0.18	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
499	4231002903	0.05	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
500	4231002904	0.11	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
501	4231002905	0.06	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
502	4231002906	0.06	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
503	4231002907	0.11	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
504	4231002908	0.02	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
505	4231002909	0.11	REDEVELOPMENT AGENCY OF		Parcel Size
506	4231007900	0.05	CULVER CITY		Parcel Size
507	4231019900	0.02	CULVER CITY		Parcel Size
508	4231019901	0.14	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
509	4231025900	0.03	CULVER CITY		Parcel Size
510	4231025901	1.15	CULVER CITY		Tt excluded due to minimal tributary watershed area
511	4231025902	0.50	CULVER CITY		Tt excluded due to minimal tributary watershed area
512	4231025903	0.02	CULVER CITY		Parcel Size
513	4231025904	0.28	CULVER CITY	1800 CENTURY PARK E	Tt excluded due to minimal tributary watershed area
514	4231026900	0.03	CULVER CITY		Parcel Size
515	4231026901	0.13	CULVER CITY		Parcel Size
516	4231026902	0.45	CULVER CITY		Tt excluded due to minimal tributary watershed area
517	4231026903	0.20	CULVER CITY		Parcel Size
518	4231027901	0.02	CULVER CITY		Parcel Size
519	4231027902	0.01	CULVER CITY		Parcel Size
520	4231028900	0.39	REGENTS OF UNIVERSITY OF CA		Tt excluded due to minimal tributary watershed area
521	4232009900	0.07	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
522	4232009901	0.38	SUCCESSOR AGENCY TO THE CULVER		Tt excluded due to minimal tributary watershed area
523	4232025900	0.13	U S GOVT		Parcel Size
524	4232028901	2.19	LACMTA		Tt excluded due to minimal tributary watershed area
525	4233021900	0.38	LACMTA		Tt excluded due to minimal tributary watershed area
526	4233021902	1.81	LACMTA		Tt excluded due to minimal tributary watershed area
527	4233025900	1.34	L A CO FLOOD CONTROL DIST		Tt excluded due to minimal tributary watershed area
528	4233025901	0.63	L A CO FLOOD CONTROL DIST		Tt excluded due to minimal tributary watershed area
529	4233025902	0.23	L A CO FLOOD CONTROL DIST		Parcel Size
530	4233033901	0.10	CULVER CITY HOUSING AUTHORITY		Parcel Size
531	4233033902	0.10	CULVER CITY HOUSING AUTHORITY		Parcel Size
532	4233033903	0.10	CULVER CITY HOUSING AUTHORITY		Parcel Size
533	4233033904	0.11	CULVER CITY HOUSING AUTHORITY		Parcel Size
534	4233033905	0.11	CULVER CITY HOUSING AUTHORITY		Parcel Size
535	4233033906	0.12	CULVER CITY HOUSING AUTHORITY		Parcel Size
536	4233033907	0.11	CULVER CITY HOUSING AUTHORITY		Parcel Size
537	4234011900	0.22	L A CO FLOOD CONTROL DIST		Parcel Size
538	4234011910	0.67	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
539	4234011911	0.90	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
540	4234012915	1.47	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
541	4234015900	0.71	L A CITY DEPT OF WATER AND POWER		Manually excluded - Local Knowledge/Feedback
542	4234016900	0.40	REGENTS OF THE UNIVERSITY OF CA		Manually excluded - Local Knowledge/Feedback
543	4234016901	0.96	REGENTS OF THE UNIVERSITY OF CA	11811 VENICE BLVD	Manually excluded - Local Knowledge/Feedback
544	4235024900	0.43	L A CITY		Tt excluded due to minimal tributary watershed area
545	4235024901	0.19	L A CITY		Parcel Size
546	4235024902	0.19	L A CITY		Parcel Size
547	4236021900	0.11	SUCCESSOR AGENCY TO REDEV		Parcel Size
548	4236021901	0.19	SUCCESSOR AGENCY TO REDEV		Parcel Size
549	4236021902	0.13	SUCCESSOR AGENCY TO REDEV		Parcel Size
550	4236021903	0.12	SUCCESSOR AGENCY TO REDEV		Parcel Size
551	4246008900	0.34	L A CITY		Manually excluded - Local Knowledge/Feedback
552	4247031900	0.01	L A CITY S BY S		Parcel Size, Drain Proximity
553	4248003900	0.01	L A CITY		Parcel Size, Drain Proximity
554	4248003901	0.01	L A CITY		Parcel Size, Drain Proximity
555	4248003902	0.01	L A CITY		Parcel Size, Drain Proximity
556	4248015900	14.33	L A CITY DEPT OF WATER AND POWER		Manually excluded - Local Knowledge/Feedback
557	4249001900	0.18	L A CO FLOOD CONTROL DIST		Parcel Size
558	4249001904	0.32	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
559	4249001905	3.32	REGENTS OF THE UNIVERSITY	3302 SAWTELLE BLVD	Manually excluded - Local Knowledge/Feedback
560	4249001906	0.02	STATE OF CA DEPT OF		Parcel Size
561	4249027903	2.44	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
562	4249032900	0.00	L A CITY S BY S		Parcel Size, Drain Proximity
563	4250027901	2.77	REGENTS OF THE UNIVERSITY	3102 SAWTELLE BLVD	Manually excluded - Local Knowledge/Feedback
564	4250028901	5.59	REGENTS OF THE UNIVERSITY	3148 SAWTELLE BLVD	Manually excluded - Local Knowledge/Feedback
565	4250029901	4.66	REGENTS OF THE UNIVERSITY	3240 SAWTELLE BLVD	Manually excluded - Local Knowledge/Feedback
566	4251003900	0.59	L A CITY	11137 NATIONAL BLVD	Manually excluded - Local Knowledge/Feedback
567	4251014904	10.07	REGENTS OF THE UNIVERSITY		Manually excluded - Local Knowledge/Feedback
568	4251015903	3.26	REGENTS OF THE UNIVERSITY		Manually excluded - Local Knowledge/Feedback
569	4251015904	0.79	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
570	4251015905	0.02	L A CO FLOOD CONTROL DIST		Parcel Size
571	4251016900	1.64	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
572	4251018901	1.08	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
573	4251028902	0.35	REGENTS OF THE UNIVERSITY OF CA		Drain Proximity
574	4251028903	0.18	REGENTS OF THE UNIVERSITY OF CA		Parcel Size, Drain Proximity
575	4251028904	0.18	REGENTS OF THE UNIVERSITY OF CA		Parcel Size, Drain Proximity
576	4251028905	0.18	REGENTS OF THE UNIVERSITY OF CA		Parcel Size
577	4251028906	0.18	L A CITY S BY S		Parcel Size, Drain Proximity
578	4252004900	0.00	L A CITY S BY S		Parcel Size, Drain Proximity
579	4252004904	0.12	STATE OF CALIF		Parcel Size
580	4252004908	0.12	STATE OF CALIFORNIA		Parcel Size
581	4252005900	5.84	L A UNIFIED SCHOOL DIST		Drain Proximity
582	4255006901	0.16	L A CITY		Parcel Size
583	4255006902	0.05	L A CITY		Parcel Size
584	4255006903	6.09	LACMTA		Tt excluded due to minimal tributary watershed area
585	4255007900	0.00	L A CITY S BY S		Parcel Size
586	4255008900	0.00	L A CITY S BY S		Parcel Size
587	4255008902	0.12	L A CITY		Parcel Size
588	4255008903	0.01	L A CITY		Parcel Size
589	4255020901	1.44	LACMTA		Tt excluded due to minimal tributary watershed area
590	4255021901	1.45	LACMTA		Tt excluded due to minimal tributary watershed area
591	4256009901	1.64	LACMTA		Tt excluded due to minimal tributary watershed area
592	4256009902	4.16	LACMTA		Tt excluded due to minimal tributary watershed area
593	4256010900	1.91	LACMTA		Tt excluded due to minimal tributary watershed area
594	4256010901	1.06	L A CITY	11110 W PICO BLVD	Tt excluded due to minimal tributary watershed area
595	4256011900	2.17	U S POSTAL SERVICE		Tt excluded due to minimal tributary watershed area
596	4257008900	0.00	L A CITY S BY S		Parcel Size
597	4258016901	0.01	L A CITY		Parcel Size
598	4259018902	10.35	L A CITY DEPT OF WATER AND POWER		Manually excluded - Local Knowledge/Feedback
599	4259019900	1.15	L A CITY DEPT OF WATER AND POWER		Manually excluded - Local Knowledge/Feedback
600	4259024900	2.51	LACMTA		Tt excluded due to minimal tributary watershed area
601	4259025900	3.01	LACMTA		Tt excluded due to minimal tributary watershed area
602	4260005900	0.54	L A CITY	11555 W OLYMPIC BLVD	Tt excluded due to minimal tributary watershed area
603	4260005901	0.19	L A CITY		Parcel Size, Drain Proximity
604	4260005902	0.19	L A CITY		Parcel Size, Drain Proximity
605	4260005903	0.24	L A CITY		Parcel Size, Drain Proximity
606	4260005904	0.13	L A CITY		Parcel Size, Drain Proximity
607	4260005905	0.14	L A CITY		Parcel Size, Drain Proximity
608	4260005906	0.12	L A CITY		Parcel Size, Drain Proximity
609	4260023900	1.91	L A CITY		Drain Proximity
610	4260025900	3.53	LACMTA	11651 EXPOSITION BLVD	Tt excluded due to minimal tributary watershed area
611	4260025901	1.66	LACMTA	2245 S BARRINGTON AVE	Tt excluded due to minimal tributary watershed area
612	4260039900	0.00	L A CITY		Parcel Size
613	4260039901	0.12	LACMTA		Parcel Size
614	4260039902	0.64	LACMTA		Tt excluded due to minimal tributary watershed area
615	4260039903	0.80	LACMTA		Tt excluded due to minimal tributary watershed area
616	4261004900	0.16	L A CITY		Parcel Size

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
617	4261004901	0.16	L A CITY		Parcel Size
618	4261004902	0.16	L A CITY		Parcel Size
619	4261004903	0.16	L A CITY		Parcel Size
620	4261007900	0.16	L A CITY		Parcel Size
621	4261009900	0.22	L A CITY		Parcel Size
622	4261011908	0.32	STATE OF CALIFORNIA		Tt excluded due to minimal tributary watershed area
623	4261011909	0.32	STATE OF CALIFORNIA		Tt excluded due to minimal tributary watershed area
624	4261011910	1.54	STATE OF CALIFORNIA	1633 PURDUE AVE	Tt excluded due to minimal tributary watershed area
625	4261011913	0.16	STATE OF CALIFORNIA		Parcel Size
626	4261011914	0.16	STATE OF CALIFORNIA		Parcel Size
627	4261011915	0.42	STATE OF CALIFORNIA	11404 SANTA MONICA BLVD	Tt excluded due to minimal tributary watershed area
628	4261012903	1.12	L A CITY	1643 BUTLER AVE	Tt excluded due to minimal tributary watershed area
629	4261020900	0.32	L A CITY	1828 SAWTELLE BLVD	Tt excluded due to minimal tributary watershed area
630	4261020901	0.10	L A CITY		Parcel Size
631	4262001900	0.16	L A CITY		Parcel Size
632	4262033900	0.10	L A CITY		Parcel Size
633	4262033901	0.10	L A CITY		Parcel Size
634	4262033902	0.11	L A CITY		Parcel Size
635	4262033903	0.25	L A CITY		Parcel Size
636	4262033904	0.17	L A CITY		Parcel Size
637	4263023900	2.72	L A UNIFIED SCHOOL DIST		Manually excluded - Local Knowledge/Feedback
638	4263036900	0.22	L A CITY		Parcel Size, Drain Proximity
639	4265010901	1.18	CSHV WILSHIRE LANDMARK LLC	11755 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
640	4268013903	3.11	LACMTA		Manually excluded - Local Knowledge/Feedback
641	4268013904	0.19	LACMTA		Parcel Size
642	4268013906	2.31	LACMTA		Manually excluded - Local Knowledge/Feedback
643	4268013908	1.50			Manually excluded - Local Knowledge/Feedback
644	4268013909	0.84			Manually excluded - Local Knowledge/Feedback
645	4268019900	0.08	SANTA MONICA CITY		Parcel Size
646	4296001900	1.14	CULVER CITY	11430 W WOODBINE ST	Manually excluded - Local knowledge/Input
647	4296001902	3.94	L A CITY COMMUNITY COLLEGE DIST		Landuse
648	4296001903	3.94	L A CITY COMMUNITY COLLEGE DIST		Landuse
649	4296001904	0.69	L A CITY COMMUNITY COLLEGE DIST		Manually excluded - Local Knowledge/Feedback
650	4296001905	4.13	L A CITY COMMUNITY COLLEGE DIST		Landuse
651	4296001906	1.17	LA CITY COMMUNITY COLLEGE DIST	660 S ALVARADO ST	Manually excluded - Local Knowledge/Feedback
652	4296014900	0.04	CULVER CITY		Parcel Size
653	4301011900	0.16	L A CITY		Parcel Size
654	4301011901	0.15	L A CITY		Parcel Size
655	4301011902	0.14	L A CITY		Parcel Size
656	4301011903	0.14	L A CITY		Parcel Size
657	4301011904	0.14	L A CITY		Parcel Size
658	4301011905	0.16	L A CITY		Parcel Size
659	4301011906	0.15	L A CITY		Parcel Size
660	4301020900	0.04	L A CITY S BY S		Parcel Size
661	4301027900	0.10	BEVERLY HILLS CITY EX AT ACQ		Parcel Size
662	4303001902	0.22	L A CITY		Parcel Size
663	4303001903	0.17	L A CITY		Parcel Size
664	4303002900	0.26	L A CITY		Ownership
665	4303028900	0.16	L A CITY		Parcel Size
666	4305014900	0.11	L A CITY PARKING AUTHORITY		Parcel Size
667	4305014901	0.11	L A CITY		Parcel Size
668	4305014902	0.11	L A CITY		Parcel Size
669	4305020900	1.24	L A CITY		Tt excluded due to minimal tributary watershed area
670	4305021900	0.30	L A CITY		Tt excluded due to minimal tributary watershed area
671	4308016900	0.30	L A CITY		Drain Proximity
672	4309001900	0.24	L A CITY S BY S		Parcel Size, Drain Proximity
673	4309003900	0.02	L A CITY		Parcel Size
674	4309003901	0.06	L A CO FLOOD CONTROL DIST		Parcel Size
675	4311031902	0.56	L A CITY DEPT OF WATER AND POWER		Tt excluded due to minimal tributary watershed area
676	4312014900	0.06	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
677	4312014901	0.17	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
678	4312014902	0.05	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
679	4312014903	0.06	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
680	4312014904	0.39	SUCCESSOR AGENCY TO CULVER CITY	8846 NATIONAL BLVD	Tt excluded due to minimal tributary watershed area
681	4312014905	0.06	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
682	4312014906	0.06	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
683	4312014907	0.06	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
684	4312014908	0.06	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
685	4312014909	0.06	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
686	4312014910	0.28	SUCCESSOR AGENCY TO CULVER CITY		Tt excluded due to minimal tributary watershed area
687	4312014911	0.17	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
688	4312014912	0.06	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
689	4312014913	0.06	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
690	4312014914	0.06	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
691	4312014915	0.06	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
692	4312014916	0.24	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
693	4312014917	0.07	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
694	4312014918	0.06	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
695	4312014919	0.14	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
696	4312014920	0.08	SUCCESSOR AGENCY TO CULVER CITY		Parcel Size
697	4312025901	0.46	LACMTA		Tt excluded due to minimal tributary watershed area
698	4312026900	0.52	LACMTA		Tt excluded due to minimal tributary watershed area
699	4312028900	0.10	CULVER CITY		Parcel Size
700	4312028901	0.10	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
701	4312028903	0.37	LACMTA		Tt excluded due to minimal tributary watershed area
702	4312028904	0.60	LACMTA		Tt excluded due to minimal tributary watershed area
703	4312028905	0.74			Tt excluded due to minimal tributary watershed area
704	4312031900	2.37	LACMTA	8850 EXPOSITION BLVD	Tt excluded due to minimal tributary watershed area
705	4312031901	0.40	LACMTA		Tt excluded due to minimal tributary watershed area
706	4313006900	0.31	REGENTS OF THE UNIVERSITY		Drain Proximity
707	4313019900	0.07	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
708	4313019901	0.07	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
709	4313019902	0.07	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
710	4313019903	0.07	SUCCESSOR AGENCY TO THE CULVER		Parcel Size
711	4313024900	2.65	LACMTA	10010 EXPOSITION BLVD	Tt excluded due to minimal tributary watershed area
712	4313024901	3.37	LACMTA		Drain Proximity
713	4313024902	0.60	LACMTA		Drain Proximity
714	4313024903	0.46	LACMTA		Drain Proximity
715	4313024904	2.86	LACMTA		Tt excluded due to minimal tributary watershed area
716	4314002900	2.44	REGENTS OF THE UNIVERSITY OF CA	10525 VENICE BLVD	Tt excluded due to minimal tributary watershed area
717	4314003901	0.17	U S POSTAL SERVICE		Parcel Size
718	4314003902	0.17	US POSTAL SERVICES		Parcel Size
719	4314003903	0.35	U S POSTAL SERVICES		Tt excluded due to minimal tributary watershed area
720	4314007900	0.49	LA CITY		Ownership
721	4314007901	0.49	LA CITY	10331 REGENT ST	Tt excluded due to minimal tributary watershed area
722	4314016900	0.15	L A CITY		Parcel Size
723	4314023901	0.17	REGENTS OF UNIVERSITY OF CA		Parcel Size
724	4314023902	0.14	REGENTS OF UNIVERSITY OF CA		Parcel Size
725	4314024902	1.01	LACMTA		Tt excluded due to minimal tributary watershed area
726	4314024903	0.15	LACMTA		Parcel Size
727	4314027900	1.12	LACMTA		Tt excluded due to minimal tributary watershed area
728	4317004900	0.29	L A CITY		Tt excluded due to minimal tributary watershed area
729	4317004901	2.62	L A CITY		Tt excluded due to minimal tributary watershed area
730	4318002900	0.25	L A CITY		Ownership
731	4318033901	0.16	L A CITY		Parcel Size
732	4318033902	0.52	LACMTA		Tt excluded due to minimal tributary watershed area
733	4318033903	0.08	LACMTA		Parcel Size
734	4319001903	1.36	CA PUBLIC EMPLOYEES	1800 CENTURY PARK E	Tt excluded due to minimal tributary watershed area
735	4319001904	1.53	CA PUBLIC EMPLOYEES	1840 CENTURY PARK E	Tt excluded due to minimal tributary watershed area
736	4319003901	1.55	L A CITY		Tt excluded due to minimal tributary watershed area
737	4319003902	0.27	L A CITY		Tt excluded due to minimal tributary watershed area
738	4320004900	0.15	L A CITY		Parcel Size
739	4320005900	0.14	L A CITY		Parcel Size
740	4320005902	0.14	L A CITY		Parcel Size
741	4320013900	0.14	L A CITY		Parcel Size
742	4320013901	0.14	L A CITY		Parcel Size
743	4321002900	0.18	L A CITY		Parcel Size
744	4321002901	2.88	L A CITY		Tt excluded due to minimal tributary watershed area
745	4322004902	0.23	L A CITY		Parcel Size
746	4322004903	0.16	L A CITY		Parcel Size
747	4322020900	0.23	L A COUNTY		Parcel Size
748	4323013900	0.12	L A CITY		Parcel Size
749	4323013901	0.12	L A CITY		Parcel Size
750	4323024901	0.26	L A CITY		Tt excluded due to minimal tributary watershed area
751	4323024902	0.85	L A CITY		Tt excluded due to minimal tributary watershed area
752	4323025900	0.92	L A CITY		Drain Proximity
753	4323026900	1.12	L A CITY		Drain Proximity
754	4323026901	0.74	L A CITY DEPT OF WATER AND POWER		Tt excluded due to minimal tributary watershed area
755	4324001900	1.20	REGENTS OF THE UNIVERSITY OF CAL	10920 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
756	4324012900	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
757	4324012901	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
758	4324012902	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
759	4324012903	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
760	4324012904	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
761	4324012905	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
762	4324012906	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
763	4324012907	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
764	4324012908	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
765	4324012909	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
766	4324012910	0.34	REGENTS OF THE UNIVERSITY OF CA		Manually excluded - Local Knowledge/Feedback
767	4324012911	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
768	4324012912	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
769	4324012913	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
770	4324012914	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
771	4324012915	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
772	4324012916	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
773	4324012917	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
774	4324012918	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
775	4324012919	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
776	4324012920	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
777	4324012921	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
778	4324012922	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
779	4324012923	0.34	REGENTS OF THE UNIVERSITY OF CA	10968 WILKINS AVE	Manually excluded - Local Knowledge/Feedback
780	4324013900	4.58	L A CITY DEPT OF WATER AND POWER		Manually excluded - Local Knowledge/Feedback
781	4324017903	28.59	U S GOVT	11430 W WOODBINE ST	Manually excluded - Local Knowledge/Feedback
782	4324017904	19.18	L A CITY		Manually excluded - Local Knowledge/Feedback
783	4324017906	7.52	L A CITY		Manually excluded - Local Knowledge/Feedback
784	4324036900	2.09	L A CITY		Tt excluded due to minimal tributary watershed area
785	4325001902	1.16	REGENTS OF THE UNIVERSITY OF CA	10724 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
786	4325001914	1.16	REGENTS OF THE UNIVERSITY OF CA	10724 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
787	4325001920	1.16	REGENTS OF THE UNIVERSITY OF CA	10724 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
788	4325001921	1.16	REGENTS OF THE UNIVERSITY OF CA	10724 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
789	4325001922	1.16	REGENTS OF THE UNIVERSITY OF CA	10724 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
790	4325001924	1.16	REGENTS OF THE UNIVERSITY OF CA	10724 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
791	4325001925	1.16	REGENTS OF THE UNIVERSITY OF CA	10724 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
792	4325001926	1.16	REGENTS OF THE UNIVERSITY OF	10724 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
793	4325001927	1.16	REGENTS OF THE UNIVERSITY OF CA	10724 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
794	4325001928	1.16	REGENTS OF THE UNIVERSITY OF	10724 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
795	4325001929	1.16	REGENTS OF THE UNIVERSITY OF	10724 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
796	4325001930	1.16	REGENTS OF THE UNIVERSITY OF	10724 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
797	4325001931	1.16	REGENTS OF THE UNIVERSITY OF CAL	10724 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
798	4325001932	1.16	REGENTS OF THE UNIVERSITY OF CA	10724 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
799	4325001933	1.16	REGENTS OF THE UNIVERSITY OF	10724 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
800	4325001934	1.16	REGENTS OF THE UNIVERSITY OF CA	10724 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
801	4325001935	1.16	REGENTS OF THE UNIVERSITY OF CA	10724 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
802	4325005928	0.43	L A CITY		Ownership
803	4325005933	2.86	PIERCE JAMES AND		Ownership
804	4326019900	0.15	REGENTS OF THE UNIVERSITY OF		Parcel Size
805	4328030900	0.37	LACMTA		Tt excluded due to minimal tributary watershed area
806	4328034900	0.13	BEVERLY HILLS CITY		Parcel Size
807	4330010900	13.78	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
808	4331003900	0.42	BEVERLY HILLS CITY PARKING		Tt excluded due to minimal tributary watershed area
809	4331023900	0.25	BEVERLY HILLS CITY		Ownership
810	4331023901	0.14	BEVERLY HILLS CITY		Parcel Size
811	4332012900	0.01	BEVERLY HILLS CITY		Parcel Size
812	4332014901	0.30	L A CITY	1156 S CLARK DR	Tt excluded due to minimal tributary watershed area
813	4333003900	0.14	BEVERLY HILLS CITY		Parcel Size
814	4333010900	0.01	BEVERLY HILLS CITY		Parcel Size
815	4333019900	0.15	BEVERLY HILLS CITY		Parcel Size
816	4334001900	0.28	L A CITY	127 S ROBERTSON BLVD	Tt excluded due to minimal tributary watershed area
817	4334001901	0.28	L A CITY	133 S ROBERTSON BLVD	Tt excluded due to minimal tributary watershed area
818	4334008900	0.15	BEVERLY HILLS CITY		Parcel Size
819	4335024900	0.13	BEVERLY HILLS UNIFIED SCHOOL		Parcel Size
820	4336007903	0.14	L A COUNTY		Parcel Size
821	4336007904	0.24	L A COUNTY		Parcel Size
822	4336007908	0.44	WEST HOLLYWOOD CITY		Tt excluded due to minimal tributary watershed area
823	4336007909	0.61	WEST HOLLYWOOD CITY	897 S WINDSOR BLVD	Tt excluded due to minimal tributary watershed area
824	4336007910	0.38	WEST HOLLYWOOD CITY		Tt excluded due to minimal tributary watershed area
825	4336008911	0.12	WEST HOLLYWOOD CITY		Parcel Size
826	4337002900	0.97	L A COUNTY HOUSING AUTHORITY		Tt excluded due to minimal tributary watershed area
827	4337017900	1.12	L A COUNTY	1811 Hoover St	Tt excluded due to minimal tributary watershed area
828	4337017904	1.00	L A COUNTY		Tt excluded due to minimal tributary watershed area
829	4339015900	0.83	L A COUNTY HOUSING AUTHORITY	5707 LEXINGTON AVE	Tt excluded due to minimal tributary watershed area
830	4339019900	0.32	WEST HOLLYWOOD CITY		Ownership
831	4339019901	0.12	WEST HOLLYWOOD CITY		Ownership, Parcel Size
832	4341003900	0.59	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
833	4341004900	0.64	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
834	4341009900	0.64	BEVERLY HILLS CITY	1423 W 012 ST	Tt excluded due to minimal tributary watershed area
835	4341010901	0.64	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
836	4341015900	0.59	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
837	4341016900	0.60	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
838	4341022900	0.59	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
839	4341023900	0.59	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
840	4341027900	1.91	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
841	4341030900	0.59	BEVERLY HILLS CITY	7341 WILLOUGHBY AVE	Tt excluded due to minimal tributary watershed area
842	4341031900	0.54	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
843	4341031901	0.20	BEVERLY HILLS CITY		Parcel Size
844	4341031902	0.55	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
845	4342009902	1.13	BEVERLY HILLS CITY	1200 S VERMONT AVE	Tt excluded due to minimal tributary watershed area
846	4342009903	1.10	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
847	4342009904	1.13	BEVERLY HILLS CITY	1945 S HILL ST	Tt excluded due to minimal tributary watershed area

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
848	4342009905	0.82	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
849	4342009906	1.13	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
850	4342010900	0.28	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
851	4342010901	0.90	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
852	4342010902	1.05	U S POSTAL SERVICE	1800 CENTURY PARK E	Tt excluded due to minimal tributary watershed area
853	4342010903	0.46	U S POSTAL SERVICE		Tt excluded due to minimal tributary watershed area
854	4342010904	0.27	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
855	4342011903	0.86	STATE OF CALIFORNIA		Tt excluded due to minimal tributary watershed area
856	4342012903	0.99	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
857	4342012905	1.42	BEVERLY HILLS CITY	1118 VALENCIA ST	Tt excluded due to minimal tributary watershed area
858	4342012907	0.75	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
859	4342012908	0.66	PUBLIC FINANCING AUTHORITY OF	6014 WARING AVE	Tt excluded due to minimal tributary watershed area
860	4342014900	0.57	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
861	4342014901	0.93	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
862	4342016900	4.21	BEVERLY HILLS CITY	655 S ALVARADO ST	Tt excluded due to minimal tributary watershed area
863	4342016901	0.45	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
864	4342017900	3.46	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
865	4342018900	0.18	BEVERLY HILLS CITY		Parcel Size
866	4342018901	0.18	BEVERLY HILLS CITY		Parcel Size
867	4343001900	0.12	BEVERLY HILLS CITY		Parcel Size
868	4343001901	4.06	BEVERLY HILLS CITY	5905 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
869	4343001902	0.23	BEVERLY HILLS CITY		Parcel Size
870	4343006903	1.58	BEVERLY HILLS CITY PARKING		Tt excluded due to minimal tributary watershed area
871	4343006904	1.58	BEVERLY HILLS CITY PARKING		Tt excluded due to minimal tributary watershed area
872	4343007900	1.05	BEVERLY HILLS CITY PARKING	1811 Hoover St	Tt excluded due to minimal tributary watershed area
873	4343009900	0.12	BEVERLY HILLS CITY		Parcel Size
874	4343009902	1.18	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
875	4343009903	0.53	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
876	4343009904	0.22	BEVERLY HILLS CITY		Parcel Size
877	4343010900	0.34	BEVERLY HILLS CITY PARKING		Drain Proximity
878	4343010901	0.11	BEVERLY HILLS CITY PARKING		Parcel Size, Drain Proximity
879	4343011900	0.52	BEVERLY HILLS CITY PARKING		Drain Proximity
880	4343011901	0.34	BEVERLY HILLS CITY PARKING		Tt excluded due to minimal tributary watershed area
881	4343011902	0.17	BEVERLY HILLS CITY PARKING		Parcel Size
882	4343011904	0.16	BEVERLY HILLS CITY		Parcel Size
883	4343013907	0.18	BEVERLY HILLS CITY PARKING		Parcel Size
884	4343013909	1.47	BEVERLY HILLS CITY PARKING	897 S WINDSOR BLVD	Tt excluded due to minimal tributary watershed area
885	4343013910	1.47	BEVERLY HILLS CITY PARKING	6401 SANTA MONICA BLVD	Tt excluded due to minimal tributary watershed area
886	4343013911	1.47	BEVERLY HILLS CITY PARKING		Tt excluded due to minimal tributary watershed area
887	4343013912	1.47	BEVERLY HILLS CITY PARKING	4117 W WASHINGTON BLVD	Tt excluded due to minimal tributary watershed area
888	4343013913	0.30	BEVERLY HILLS CITY PARKING		Tt excluded due to minimal tributary watershed area
889	4343013914	0.55	BEVERLY HILLS CITY PARKING		Tt excluded due to minimal tributary watershed area
890	4343015900	0.18	BEVERLY HILLS CITY PARKING		Parcel Size
891	4343015901	0.18	BEVERLY HILLS CITY PARKING		Parcel Size
892	4343015902	0.18	BEVERLY HILLS CITY PARKING		Parcel Size
893	4343017900	0.66	BEVERLY HILLS CITY PARKING		Tt excluded due to minimal tributary watershed area
894	4343017901	0.22	BEVERLY HILLS CITY PARKING		Parcel Size
895	4343018902	0.51	BEVERLY HILLS CITY PARKING		Tt excluded due to minimal tributary watershed area
896	4343019900	0.51	BEVERLY HILLS CITY PARKING		Tt excluded due to minimal tributary watershed area
897	4343019902	0.85	CSHV 9595 WILSHIRE LLC		Tt excluded due to minimal tributary watershed area
898	4343023900	0.67	BEVERLY HILLS CITY PARKING	11801 MISSOURI AVE	Tt excluded due to minimal tributary watershed area
899	4343023901	0.22	BEVERLY HILLS CITY PARKING		Parcel Size
900	4343024900	0.44	BEVERLY HILLS CITY PARKING		Tt excluded due to minimal tributary watershed area
901	4343024901	0.23	BEVERLY HILLS CITY PARKING		Parcel Size
902	4344006900	0.59	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
903	4344006901	1.42	BEVERLY HILLS CITY		Drain Proximity
904	4344006902	1.42	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
905	4344006903	1.46	BEVERLY HILLS CITY	5707 LEXINGTON AVE	Tt excluded due to minimal tributary watershed area
906	4344009900	0.04	BEVERLY HILLS CITY		Parcel Size
907	4344010900	0.09	BEVERLY HILLS CITY		Parcel Size
908	4344017900	3.06	BEVERLY HILLS CITY	11430 W WOODBINE ST	Tt excluded due to minimal tributary watershed area
909	4344018900	0.04	BEVERLY HILLS CITY		Parcel Size
910	4344025900	0.09	BEVERLY HILLS CITY		Parcel Size
911	4344026900	0.04	BEVERLY HILLS CITY		Parcel Size
912	4345018900	0.31	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
913	4345018901	0.42	BEVERLY HILLS CITY	1201 S FIGUEROA ST	Tt excluded due to minimal tributary watershed area
914	4345019900	0.32	BEVERLY HILLS CITY	6801 HOLLYWOOD BLVD	Tt excluded due to minimal tributary watershed area
915	4345019901	0.36	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
916	4345026900	0.28	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
917	4345026901	0.67	BEVERLY HILLS CITY	455 S UNION AVE	Tt excluded due to minimal tributary watershed area
918	4345029900	0.28	BEVERLY HILLS CITY PARK	4861 VENICE BLVD	Tt excluded due to minimal tributary watershed area
919	4345029901	0.28	BEVERLY HILLS CITY PARK		Tt excluded due to minimal tributary watershed area
920	4345030900	0.28	BEVERLY HILLS CITY PARK		Tt excluded due to minimal tributary watershed area
921	4345030901	0.28	BEVERLY HILLS CITY PARK		Tt excluded due to minimal tributary watershed area
922	4345031900	0.47	BEVERLY HILLS CITY PARK		Tt excluded due to minimal tributary watershed area
923	4345031901	0.45	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area
924	4345034900	1.04	BEVERLY HILLS CITY		Tt excluded due to minimal tributary watershed area

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
925	4348007900	6.15	L A COUNTY	1119 ALBANY ST	Tt excluded due to minimal tributary watershed area
926	4348019900	0.03	BEVERLY HILLS CITY		Parcel Size
927	4350005900	3.72	BEVERLY HILLS CITY		Slope, Drain Proximity
928	4350005901	2.94	BEVERLY HILLS CITY		Slope, Drain Proximity
929	4350005902	0.50	BEVERLY HILLS CITY		Slope
930	4350005903	11.68	BEVERLY HILLS CITY		Slope, Drain Proximity
931	4350010900	2.56	BEVERLY HILLS CITY		Ownership
932	4350010901	0.92	BEVERLY HILLS CITY		Manually excluded - Local Knowledge/Feedback
933	4350014900	0.29	BEVERLY HILLS CITY		Slope
934	4350014901	1.03	L A CO FLOOD CONTROL DIST		Slope
935	4350016900	1.70	BEVERLY HILLS CITY		Slope
936	4350018900	0.16	BEVERLY HILLS CITY		Landuse, Parcel Size, Slope
937	4350019900	0.42	BEVERLY HILLS CITY		Slope
938	4350019901	0.72	BEVERLY HILLS CITY		Slope
939	4350019902	0.26	BEVERLY HILLS CITY		Landuse, Slope
940	4350020900	0.13	L A CO FLOOD CONTROL DIST		Landuse, Parcel Size, Slope
941	4350020901	0.03	L A CO FLOOD CONTROL DIST		Landuse, Parcel Size, Slope
942	4350021900	2.03	BEVERLY HILLS CITY PARK		Slope
943	4355002900	0.01	L A CITY S BY S		Landuse, Parcel Size, Slope
944	4355002901	0.02	L A CITY S BY S		Parcel Size, Slope
945	4355012904	156.10	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
946	4355013900	0.26	L A CITY		Landuse, Slope
947	4355013901	0.26	L A CITY		Landuse, Slope
948	4355013902	0.26	L A CITY		Landuse, Slope
949	4355013903	0.22	L A CITY		Landuse, Parcel Size, Slope
950	4355013904	0.19	L A CITY		Landuse, Parcel Size, Slope
951	4355013905	0.23	L A CITY		Landuse, Parcel Size, Slope
952	4355013906	0.25	L A CITY		Landuse, Slope
953	4355013907	0.21	L A CITY		Landuse, Parcel Size, Slope
954	4355013908	0.25	L A CITY		Landuse, Parcel Size, Slope
955	4355013909	0.27	L A CITY		Landuse, Slope
956	4355013910	0.23	L A CITY		Landuse, Parcel Size, Slope
957	4355013911	0.29	L A CITY		Landuse, Slope
958	4355013912	0.26	L A CITY		Landuse, Slope
959	4355013913	0.36	L A CITY		Landuse, Slope
960	4355013914	0.34	L A CITY		Landuse, Slope
961	4355013915	0.50	L A CITY		Landuse, Slope
962	4355013916	0.49	L A CITY		Landuse, Slope
963	4355020900	0.90	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
964	4356011900	1.21	L A CITY		Slope
965	4357004901	9.96	MOUNTAINS RECREATIONS AND		Landuse, Slope
966	4357015901	0.14	L A CITY		Landuse, Parcel Size, Slope
967	4358013900	0.01	L A CITY S BY S		Parcel Size, Slope
968	4358014900	0.63	L A CO FLOOD CONTROL DIST		Slope
969	4358014901	0.06	L A CO FLOOD CONTROL DIST		Parcel Size, Slope
970	4359003900	0.24	REGENTS OF THE UNIVERSITY OF CA		Parcel Size
971	4359009900	0.64	L A CITY		Ownership
972	4359019901	0.18	BEVERLY HILLS UNIFIED		Parcel Size
973	4360001900	0.23	REGENTS OF THE UNIVERSITY OF CA		Parcel Size
974	4360001901	0.21	REGENTS OF THE UNIVERSITY OF CA		Parcel Size
975	4360001902	0.31	REGENTS OF THE UNIVERSITY OF CA	10845 WEYBURN AVE	Tt excluded due to minimal tributary watershed area
976	4360007900	0.26	REGENTS OF THE UNIVERSITY OF	824 HILGARD AVE	Tt excluded due to minimal tributary watershed area
977	4360015900	0.24	REGENTS OF THE UNIVERSITY OF		Parcel Size
978	4360015901	0.23	REGENTS OF THE UNIVERSITY OF CA		Parcel Size
979	4362002900	1.10	REGENTS OF THE UNIVERSITY OF CA		Slope, Drain Proximity
980	4362002901	0.85	REGENTS OF THE UNIVERSITY		Slope, Drain Proximity
981	4363001902	13.11	REGENTS OF THE UNIVERSITY	10833 LE CONTE AVE	Tt excluded due to minimal tributary watershed area
982	4363001903	268.71	REGENTS OF THE UNIVERSITY	405 HILGARD AVE	Tt excluded due to minimal tributary watershed area
983	4363002900	91.75	REGENTS OF THE UNIVERSITY		Tt excluded due to minimal tributary watershed area
984	4363005900	0.19	REGENTS OF THE UNIVERSITY		Parcel Size
985	4363005901	0.18	REGENTS OF THE UNIVERSITY		Parcel Size
986	4363005902	0.18	REGENTS OF THE UNIVERSITY		Parcel Size
987	4363005903	0.19	REGENTS OF THE UNIVERSITY		Parcel Size, Drain Proximity
988	4363005904	0.45	REGENTS OF THE UNIVERSITY OF CA	565 GAYLEY AVE	Tt excluded due to minimal tributary watershed area
989	4363005905	0.31	REGENTS OF THE UNIVERSITY OF CA	475 GAYLEY AVE	Tt excluded due to minimal tributary watershed area
990	4363005906	0.54			Tt excluded due to minimal tributary watershed area
991	4363007900	0.95	REGENTS OF THE UNIVERSITY		Tt excluded due to minimal tributary watershed area
992	4363007901	0.64	REGENTS OF THE UNIVERSITY OF	715 GAYLEY AVE	Tt excluded due to minimal tributary watershed area
993	4363008900	0.63	REGENTS OF THE UNIVERSITY	41 LANDFAIR AVE	Tt excluded due to minimal tributary watershed area
994	4363009900	0.60	REGENTS OF THE UNIVERSITY	64 GLENROCK AVE	Tt excluded due to minimal tributary watershed area
995	4363010900	0.41	REGENTS OF THE UNIVERSITY OF CA	555 GLENROCK AVE	Tt excluded due to minimal tributary watershed area
996	4363016900	0.64	REGENTS OF THE UNIVERSITY		Manually excluded - Local Knowledge/Feedback
997	4363016901	0.34	REGENTS OF THE UNIV OF CALIF	885 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
998	4363016903	0.39	REGENTS OF THE UNIVERSITY		Manually excluded - Local Knowledge/Feedback
999	4363016904	0.39	REGENTS OF THE UNIVERSITY OF		Manually excluded - Local Knowledge/Feedback
1000	4363016907	0.39	REGENTS OF THE UNIVERSITY		Manually excluded - Local Knowledge/Feedback
1001	4363016908	0.39	REGENTS OF THE UNIVERSITY		Manually excluded - Local Knowledge/Feedback

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
1002	4363016911	0.39	REGENTS OF THE UNIVERSITY OF CAL		Manually excluded - Local Knowledge/Feedback
1003	4363016912	0.39	REGENTS OF THE UNIVERSITY		Manually excluded - Local Knowledge/Feedback
1004	4363016915	0.39	REGENTS OF THE UNIVERSITY		Manually excluded - Local Knowledge/Feedback
1005	4363016925	0.39	REGENTS OF THE UNIVERSITY		Manually excluded - Local Knowledge/Feedback
1006	4363016934	0.39	REGENTS OF THE UNIV OF CALIF		Manually excluded - Local Knowledge/Feedback
1007	4363016935	0.39	REGENTS OF THE UNIVERSITY	923 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1008	4363016936	0.39	REGENTS OF THE UNIVERSITY	923 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1009	4363016938	0.39	REGENTS OF THE UNIVERSITY	919 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1010	4363016939	0.39	REGENTS OF THE UNIVERSITY	919 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1011	4363016940	0.39	REGENTS OF THE UNIVERSITY	919 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1012	4363016941	0.39	REGENTS OF THE UNIVERSITY OF	919 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1013	4363016942	0.39	REGENTS OF THE UNIVERSITY OF	923 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1014	4363016943	0.39	REGENTS OF THE UNIVERSITY OF	919 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1015	4363016944	0.39	REGENTS OF THE UNIVERSITY OF	919 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1016	4363016945	0.39	REGENTS OF THE UNIVERSITY OF	923 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1017	4363016946	0.39	REGENTS OF THE UNIVERSITY OF	923 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1018	4363016947	0.39	REGENTS OF THE UNIVERSITY	919 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1019	4363016948	0.39	REGENTS OF THE UNIVERSITY	919 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1020	4363016949	0.39	REGENTS OF THE UNIVERSITY	923 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1021	4363016950	0.39	REGENTS OF THE UNIVERSITY	923 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1022	4363016951	0.39	REGENTS OF THE UNIVERSITY	923 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1023	4363016952	0.39	REGENTS OF THE UNIVERSITY	919 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1024	4363016953	0.39	REGENTS OF THE UNIVERSITY	919 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1025	4363016954	0.39	REGENTS OF THE UNIVERSITY	919 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1026	4363016955	0.39	REGENTS OF THE UNIVERSITY	919 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1027	4363016956	0.39	REGENTS OF THE UNIVERSITY	919 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1028	4363016957	0.39	REGENTS OF THE UNIVERSITY	919 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1029	4363016958	0.39	REGENTS OF THE UNIVERSITY OF	923 LEVERING AVE	Manually excluded - Local Knowledge/Feedback
1030	4363018904	0.69	L A CITY	1036 BROXTON AVE	Tt excluded due to minimal tributary watershed area
1031	4363019901	0.51	REGENTS OF THE UNIVERSITY OF		Tt excluded due to minimal tributary watershed area
1032	4363019903	0.97	REGENTS OF THE UNIVERSITY OF CA	924 WESTWOOD BLVD	Tt excluded due to minimal tributary watershed area
1033	4363026902	0.32	L A CITY		Ownership
1034	4363026905	34.02	REGENTS OF UNIVERSITY OF CALIF	1100 VETERAN AVE	Manually excluded - Local Knowledge/Feedback
1035	4363027901	111.65	U S GOVT		Ownership
1036	4365001903	0.93	L A CITY DEPT OFWATER AND POWER		Tt excluded due to minimal tributary watershed area
1037	4365002903	0.65	L A CITY DEPT OF WATER AND POWER		Tt excluded due to minimal tributary watershed area
1038	4365007902	1.18	U S POSTAL SERVICE		Manually excluded - Local Knowledge/Feedback
1039	4365007903	136.44	U S GOVT		Manually excluded - Local Knowledge/Feedback
1040	4365007904	13.38	STATE OF CALIFORNIA		Tt excluded due to minimal tributary watershed area
1041	4365008902	3.85	STATE OF CALIF		Tt excluded due to minimal tributary watershed area
1042	4365008904	213.37	U S GOVT	4117 W WASHINGTON BLVD	Tt excluded due to minimal tributary watershed area
1043	4366014900	0.17	STATE OF CA DEPT OF		Parcel Size
1044	4368001900	7.73	STATE OF CALIFORNIA SANTA MONICA		Landuse, Slope
1045	4368016900	0.77	REGENTS OF UNIVERSITY OF CA	640 N SEPULVEDA BLVD	Manually excluded - Local Knowledge/Feedback
1046	4369007900	1.51	L A CITY		Landuse, Slope
1047	4369011900	19.72	L A UNIFIED SCHOOL DIST		Slope
1048	4370011900	0.63	L A CITY		Landuse, Slope
1049	4370012901	10.87	L A CITY		Landuse, Slope
1050	4370012902	9.02	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1051	4370024900	0.10	L A CITY S BY S		Parcel Size, Slope, Drain Proximity
1052	4370029901	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1053	4371001900	0.08	L A CITY S BY S		Landuse, Parcel Size, Slope
1054	4371005901	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1055	4371006900	0.23	L A CITY S BY S		Landuse, Parcel Size, Slope
1056	4371007900	0.17	L A CITY S BY S		Landuse, Parcel Size, Slope
1057	4371008900	0.12	L A CITY S BY S		Landuse, Parcel Size, Slope
1058	4371009900	0.12	L A CITY S BY S		Landuse, Parcel Size, Slope
1059	4371011900	0.07	L A CITY S BY S		Parcel Size, Slope
1060	4371013900	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1061	4371015901	0.34	L A CITY S BY S		Landuse, Slope
1062	4371016900	0.07	L A CITY S BY S		Parcel Size, Slope
1063	4371017900	1.58	MOUNTAINS RECREATION AND		Slope
1064	4371017901	0.35			Landuse, Slope
1065	4371018900	0.08	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1066	4371019900	0.07	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1067	4371019901	0.11	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1068	4371020900	0.09	L A CITY S BY S		Landuse, Parcel Size, Slope
1069	4371023900	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1070	4371024900	0.07	L A CITY		Landuse, Parcel Size, Slope
1071	4371024901	0.27	L A CITY S BY S		Landuse, Slope
1072	4371024902	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1073	4371024903	0.07	L A CITY		Landuse, Parcel Size, Slope
1074	4371024904	0.06	STATE OF CALIF SANTA MONICA		Landuse, Parcel Size, Slope
1075	4371025900	0.12	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1076	4371025901	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1077	4371025902	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1078	4371025903	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
1079	4371027900	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1080	4371027901	0.24	L A CITY S BY S		Landuse, Parcel Size, Slope
1081	4371027902	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1082	4371027903	0.18	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1083	4371027904	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1084	4371027905	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1085	4371027906	0.12	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1086	4371028901	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1087	4371028902	0.11	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1088	4371028903	0.08	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1089	4371030900	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1090	4371031900	0.23	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1091	4371031901	0.18	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1092	4371031902	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1093	4371031903	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1094	4371031904	0.12	L A CITY S BY S		Landuse, Parcel Size, Slope
1095	4371031905	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1096	4371032900	0.18	L A CITY S BY S		Landuse, Parcel Size, Slope
1097	4371032902	0.53	MOUNTAINS RECREATIONS AND		Landuse, Slope
1098	4371032903	0.05	L A CITY S BY S		Landuse, Parcel Size, Slope
1099	4371032904	0.13	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1100	4371032906	0.18	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1101	4371032907	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1102	4371032908	0.23	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1103	4371032910	0.05	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1104	4371032911	0.53	MOUNTAINS RECREATIONS AND		Landuse, Slope
1105	4371033900	0.82	L A CITY S BY S		Landuse, Slope
1106	4371033901	0.13	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1107	4371033902	0.60	L A CITY S BY S		Landuse, Slope
1108	4371033903	0.25	L A CITY S BY S		Landuse, Parcel Size, Slope
1109	4371033904	0.12	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1110	4371034900	0.12	L A CITY S BY S		Landuse, Parcel Size, Slope
1111	4371034901	0.42	MOUNTAINS RECREATIONS AND		Landuse, Slope
1112	4371034903	0.17	L A CITY S BY S		Landuse, Parcel Size, Slope
1113	4371034904	0.27	MOUNTAINS RECREATIONS AND		Landuse, Slope
1114	4371035901	0.14	L A CITY S BY S		Landuse, Parcel Size, Slope
1115	4371035902	0.36	L A CITY S BY S		Landuse, Slope
1116	4371035903	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1117	4371035904	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1118	4371036901	0.73	MOUNTAINS RECREATIONS AND		Landuse, Slope
1119	4371036902	0.13	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1120	4371036903	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1121	4371036904	0.48	MOUNTAINS RECREATIONS AND		Landuse, Slope
1122	4371036905	0.21	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1123	4371037900	0.13	L A CITY S BY S		Landuse, Parcel Size, Slope
1124	4371037902	0.00	L A CITY S BY S		Parcel Size, Slope
1125	4371038900	0.23	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1126	4371038901	0.47	L A CITY S BY S		Landuse, Slope
1127	4371038902	0.29	L A CITY S BY S		Landuse, Slope
1128	4371038903	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1129	4371039900	0.12	L A CITY S BY S		Landuse, Parcel Size, Slope
1130	4371039901	0.31	MOUNTAINS RECREATIONS AND		Landuse, Slope
1131	4371039902	0.82	L A CITY S BY S		Landuse, Slope
1132	4371039903	0.15	L A CITY S BY S		Landuse, Parcel Size, Slope
1133	4371040901	0.70	MOUNTAINS RECREATIONS AND		Landuse, Slope
1134	4371040903	0.12	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1135	4371040904	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1136	4371040905	0.11	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1137	4371040906	0.17	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1138	4371041900	0.17	L A CITY S BY S		Landuse, Parcel Size, Slope
1139	4371041901	0.12	L A CITY S BY S		Landuse, Parcel Size, Slope
1140	4371041902	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1141	4371041903	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1142	4371041904	0.18	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1143	4371041905	0.17	L A CITY S BY S		Landuse, Parcel Size, Slope
1144	4371041906	0.18	L A CITY S BY S		Landuse, Parcel Size, Slope
1145	4371041908	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1146	4371041909	0.11	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1147	4371041910	0.12	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1148	4371042900	0.43	MOUNTAINS RECREATIONS AND		Landuse, Slope
1149	4371042901	0.12	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1150	4371042902	0.61	MOUNTAINS RECREATIONS AND		Landuse, Slope
1151	4371042905	0.12	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1152	4371042906	0.52	MOUNTAINS RECREATIONS AND		Landuse, Slope
1153	4371043900	0.13	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1154	4371045900	0.06	L A CITY S BY S		Parcel Size, Slope
1155	4371046900	0.06	L A CITY		Landuse, Parcel Size, Slope

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
1156	4371046901	0.59	MOUNTAINS RECREATIONS AND		Landuse, Slope
1157	4371046902	0.49	MOUNTAINS RECREATIONS AND		Landuse, Slope
1158	4371046903	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1159	4371046904	0.12	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1160	4371046905	0.06	STATE OF CALIF SANTA MONICA		Landuse, Parcel Size, Slope
1161	4377001901	172.40	STATE OF CALIFORNIA SANTA MONICA		Landuse, Slope
1162	4377002900	3.16	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1163	4377013900	0.33	L A CITY S BY S		Slope
1164	4378001900	0.16	L A CITY		Landuse, Parcel Size, Slope
1165	4378001901	0.91	L A CITY		Landuse, Slope
1166	4378001902	1.06	L A CITY		Landuse, Slope, Drain Proximity
1167	4378001903	93.94	STATE OF CALIF SANTA MONICA		Landuse, Slope
1168	4378001904	58.76	STATE OF CALIF SANTA MONICA		Landuse, Slope
1169	4378001905	0.24	STATE OF CALIF SANTA MONICA MTNS		Landuse, Parcel Size, Slope
1170	4378001906	0.01	STATE OF CALIF SANTA MONICA MTNS		Landuse, Parcel Size, Slope
1171	4378014900	0.35	L A CITY S BY S		Landuse, Slope, Drain Proximity
1172	4378017900	7.76	L A UNIFIED SCHOOL DIST		Landuse, Slope
1173	4379001900	1.03	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1174	4379001901	0.17	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1175	4379001902	1.61	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1176	4379001903	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1177	4379001904	1.04	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1178	4379001905	0.16	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1179	4379002900	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1180	4379002901	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1181	4379002902	0.38	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1182	4379002903	0.81	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1183	4379002905	1.15	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1184	4379002906	1.49	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1185	4379003900	0.11	L A CITY		Landuse, Parcel Size, Slope
1186	4379003902	0.29	L A CITY S BY S		Landuse, Slope
1187	4379003904	1.32	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1188	4379003905	0.23	L A CITY S BY S		Landuse, Parcel Size, Slope
1189	4379003906	0.12	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1190	4379003907	0.12	L A CITY		Landuse, Parcel Size, Slope
1191	4379003908	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1192	4379003909	1.84	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1193	4379004902	0.16	L A CITY S BY S		Landuse, Parcel Size, Slope
1194	4379004903	0.99	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1195	4379004904	0.11	L A CITY S BY S		Landuse, Parcel Size, Slope
1196	4379004907	0.11	L A CITY S BY S		Landuse, Parcel Size, Slope
1197	4379004910	0.29	L A CITY S BY S		Landuse, Slope
1198	4379004912	0.17	L A CITY S BY S		Landuse, Parcel Size, Slope
1199	4379004913	0.11	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1200	4379004914	0.12	L A CITY S BY S		Landuse, Parcel Size, Slope
1201	4379004915	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1202	4379004916	0.40	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1203	4379004917	0.46	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1204	4379006900	0.23	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1205	4379006901	0.52	L A CITY S BY S		Landuse, Slope
1206	4379006902	0.06	L A CITY		Landuse, Parcel Size, Slope
1207	4379006904	0.06	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1208	4379006905	0.11	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1209	4379006906	0.40	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1210	4379006907	0.80	MOUNTAINS RECREATIONS AND		Landuse, Slope
1211	4379007900	0.12	L A CITY S BY S		Landuse, Parcel Size, Slope
1212	4379007901	0.56	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1213	4379007902	0.24	L A CITY S BY S		Landuse, Parcel Size, Slope
1214	4379007903	0.29	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1215	4379007904	0.11	L A CITY S BY S		Landuse, Parcel Size, Slope
1216	4379007905	0.17	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1217	4379007906	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1218	4379007907	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1219	4379007908	0.57	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1220	4379007909	0.34	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1221	4379007910	0.17	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1222	4379008900	0.11	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope, Drain Proximity
1223	4379008901	0.17	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1224	4379008902	1.09	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1225	4379008903	0.17	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1226	4379008905	0.12	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1227	4379008906	0.23	L A CITY		Landuse, Parcel Size, Slope
1228	4379008907	0.52	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1229	4379009900	0.23	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1230	4379009901	1.01	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1231	4379009902	1.49	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1232	4379010900	0.11	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
1233	4379010901	0.92	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1234	4379010902	0.23	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1235	4379010903	0.11	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope, Drain Proximity
1236	4379010904	1.14	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1237	4379010905	0.93	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1238	4379010906	0.11	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1239	4379010907	0.06	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope, Drain Proximity
1240	4379010908	0.06	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope, Drain Proximity
1241	4379011900	0.56	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1242	4379011901	0.50	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1243	4379011902	0.17	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1244	4379011903	0.35	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1245	4379011905	0.23	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1246	4379011906	0.12	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope, Drain Proximity
1247	4379011908	1.27	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1248	4379012900	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1249	4379012901	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1250	4379012902	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1251	4379012903	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1252	4379012905	0.11	L A CITY S BY S		Landuse, Parcel Size, Slope
1253	4379012906	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1254	4379012907	1.69	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1255	4379012908	0.12	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1256	4379012909	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1257	4379013901	0.10	L A CITY S BY S		Landuse, Parcel Size, Slope
1258	4379013902	0.06	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1259	4379013903	0.79	L A CITY S BY S		Landuse, Slope
1260	4379013905	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1261	4379013906	0.12	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1262	4379013907	0.06	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1263	4379013908	0.06	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1264	4379013909	0.21	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1265	4379013910	0.45	MOUNTAINS RECREATIONS AND		Landuse, Slope
1266	4379013911	0.12	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1267	4379014900	0.18	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1268	4379014901	0.21	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1269	4379014904	0.08	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1270	4379014905	0.85	MOUNTAINS RECREATIONS AND		Landuse, Slope
1271	4379015902	0.07	L A CITY S BY S		Landuse, Parcel Size, Slope
1272	4379015903	0.30	L A CITY S BY S		Landuse, Slope
1273	4379015904	0.13	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1274	4379015905	0.12	L A CITY S BY S		Landuse, Parcel Size, Slope
1275	4379015906	0.28	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1276	4379015907	0.37	L A CITY S BY S		Landuse, Slope
1277	4379015908	0.06	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1278	4379015909	0.24	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1279	4379016900	0.12	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1280	4379016901	1.42	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1281	4379016902	0.24	L A CITY		Landuse, Parcel Size, Slope, Drain Proximity
1282	4379016903	0.12	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1283	4379016904	1.59	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1284	4379017900	0.64	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1285	4379017901	0.19	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1286	4379017902	1.48	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1287	4379017903	0.31	L A CITY S BY S		Landuse, Slope, Drain Proximity
1288	4379017904	0.12	L A CITY		Landuse, Parcel Size, Slope, Drain Proximity
1289	4379017905	0.25	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1290	4379017906	1.42	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1291	4379018900	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1292	4379018901	0.67	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1293	4379018902	1.50	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1294	4379018903	1.90	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1295	4379018904	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1296	4379018905	0.25	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope, Drain Proximity
1297	4379019900	1.94	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1298	4379019901	1.90	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1299	4379019902	0.12	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1300	4379019903	2.13	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1301	4379019904	0.24	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1302	4379019905	0.24	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope, Drain Proximity
1303	4379019906	0.12	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope, Drain Proximity
1304	4379020902	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1305	4379020903	0.12	L A CITY S BY S		Landuse, Parcel Size, Slope
1306	4379020904	0.06	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1307	4379020905	0.17	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1308	4379020906	0.96	MOUNTAINS RECREATIONS AND		Landuse, Slope
1309	4379020908	0.36	L A CITY		Landuse, Slope

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
1310	4379020909	0.24	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1311	4379020910	0.24	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1312	4379020911	0.06	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1313	4379020912	0.06	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1314	4379020913	0.06	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1315	4379020914	0.06	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1316	4379022900	0.11	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1317	4379023901	0.58	MOUNTAINS RECREATIONS AND		Landuse, Slope
1318	4379023902	0.06	STATE OF CALIF SANTA MONICA		Landuse, Parcel Size, Slope
1319	4379023903	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1320	4379023904	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1321	4379023905	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1322	4379023906	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1323	4379023907	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1324	4379023908	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1325	4379023909	0.23	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1326	4379024900	0.18	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1327	4379024901	0.18	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1328	4379024903	0.25	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1329	4379024904	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1330	4379024905	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1331	4379024906	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1332	4379024907	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1333	4379024908	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1334	4379024909	0.09	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1335	4379024910	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1336	4379025900	1.80	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1337	4379025901	1.80	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1338	4379026900	0.89	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1339	4379026902	0.12	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1340	4379026903	0.25	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1341	4379026904	1.61	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1342	4379026905	1.97	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1343	4379027900	160.72	L A CITY		Landuse, Slope
1344	4379027901	0.95	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1345	4379027902	5.33	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1346	4379027903	76.05	L A CITY		Landuse, Slope
1347	4379028902	131.43	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1348	4379029900	214.25	L A CITY		Landuse, Slope
1349	4379036904	8.11	REGENTS OF THE UNIVERSITY		Slope
1350	4380001900	1.81	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1351	4380001901	2.54	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1352	4380001902	2.99	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1353	4380001903	2.27	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1354	4380001904	1.52	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1355	4380001905	1.18	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1356	4380002900	0.46	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1357	4380003900	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1358	4380003901	0.12	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1359	4380005900	0.01	L A CITY S BY S		Parcel Size, Slope
1360	4380006900	0.06	L A CITY S BY S		Parcel Size, Slope
1361	4380006902	0.06	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1362	4380008900	2.03	L A CITY DEPT OF WATER AND POWER		Slope, Drain Proximity
1363	4380008901	1.66	L A CITY DEPT OF WATER AND POWER		Slope, Drain Proximity
1364	4380008903	1.28	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1365	4380008904	1.74	L A CITY DEPT OF WATER AND POWER		Slope, Drain Proximity
1366	4380008905	1.76	L A CITY DEPT OF WATER AND POWER		Slope, Drain Proximity
1367	4380008906	2.16	L A CITY DEPT OF WATER AND POWER		Slope, Drain Proximity
1368	4380008907	1.37	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1369	4380008908	4.28	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1370	4380009900	0.06	L A CITY S BY S		Parcel Size, Slope
1371	4380011900	0.12	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1372	4380013900	0.44	L A CITY DEPT OF WATER AND POWER		Slope, Drain Proximity
1373	4380013901	8.04	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1374	4380013902	2.62	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1375	4380013903	1.65	L A CITY DEPT OF WATER AND POWER		Slope, Drain Proximity
1376	4380013904	1.27	L A CITY DEPT OF WATER AND POWER		Slope, Drain Proximity
1377	4380013905	1.37	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1378	4380013906	1.94	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1379	4380014900	1.85	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1380	4380014901	2.18	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1381	4380014902	2.88	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1382	4380014903	1.69	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1383	4380014904	1.74	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1384	4380014905	2.69	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1385	4380015900	0.08	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1386	4380015901	0.19	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
1387	4380015902	0.11	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1388	4380015903	0.17	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1389	4380015904	0.12	STATE OF CA MTNS RECREATION AND		Landuse, Parcel Size, Slope
1390	4380016900	0.19	L A CITY S BY S		Landuse, Parcel Size, Slope
1391	4380016901	0.26	MOUNTAINS RECREATION AND		Landuse, Slope
1392	4380017901	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1393	4380017902	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1394	4380017903	0.06	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope
1395	4380017904	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1396	4380017905	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1397	4380017906	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1398	4380017907	0.18	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1399	4380017908	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1400	4380017909	0.11	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1401	4380017910	0.25	STATE OF CA MTNS RECREATION AND		Landuse, Slope
1402	4380017911	0.12			Landuse, Parcel Size, Slope
1403	4380018900	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1404	4380018901	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1405	4380018902	0.07	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1406	4380018903	0.06	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1407	4380018904	0.06	STATE OF CA MTNS RECREATION AND		Landuse, Parcel Size, Slope
1408	4380019900	0.06	L A CITY S BY S		Landuse, Parcel Size, Slope
1409	4380021900	1.04	L A CITY S BY S		Landuse, Slope
1410	4380021902	0.23	L A CITY S BY S		Landuse, Parcel Size, Slope
1411	4380021903	0.12	STATE OF CALIF SANTA MONICA		Landuse, Parcel Size, Slope
1412	4380021904	0.12	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1413	4380021905	1.30	MOUNTAINS RECREATIONS AND		Landuse, Slope
1414	4380022900	0.06	L A CITY S BY S		Parcel Size, Slope
1415	4380024902	0.50	MOUNTAINS RECREATIONS AND		Landuse, Slope
1416	4380028900	0.06	L A CITY S BY S		Parcel Size, Slope
1417	4380028901	0.06	STATE OF CA MTNS RECREATION AND		Parcel Size, Slope
1418	4380029900	0.24	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1419	4380030900	0.12	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1420	4380030901	0.24	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1421	4380030902	0.06	MOUNTAINS RECREATIONS AND		Landuse, Parcel Size, Slope
1422	4380031900	0.01	L A CITY S BY S		Landuse, Parcel Size, Slope
1423	4380031901	0.36	L A CITY S BY S		Landuse, Slope
1424	4380031902	0.24	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1425	4380032900	0.95	L A CITY S BY S		Landuse, Slope
1426	4380032901	0.12	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1427	4380034902	31.15	L A CITY S BY S		Landuse, Slope
1428	4382023900	30.68	STATE OF CALIF SANTA MONICA		Landuse, Slope, Drain Proximity
1429	4382024900	0.29	L A CITY		Landuse, Slope, Drain Proximity
1430	4382024901	3.32	STATE OF CALIF SANTA MONICA		Landuse, Slope, Drain Proximity
1431	4382024903	2.00	STATE OF CALIF SANTA MONICA		Landuse, Slope, Drain Proximity
1432	4382029900	14.06	L A CITY S BY S		Landuse, Slope
1433	4382029901	1.32	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1434	4382029902	10.73	L A CITY		Landuse, Slope
1435	4382029903	40.53	L A CITY		Landuse, Slope
1436	4383006900	0.20	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope
1437	4383006901	0.25	MOUNTAINS RECREATTION AND		Landuse, Slope
1438	4383007900	0.05	MOUNTAINS RECREATION AND		Parcel Size, Slope, Drain Proximity
1439	4383009900	0.45	MOUNTAINS RECREATION AND		Slope
1440	4383011900	26.83	STATE OF CALIF MTNS RECREATION		Slope
1441	4383026900	0.17	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope, Drain Proximity
1442	4383026901	0.18	MOUNTAINS RECREATION AND		Landuse, Parcel Size, Slope, Drain Proximity
1443	4383029900	4.39	STATE OF CALIF MTNS RECREATION		Landuse, Slope
1444	4383029901	4.50	STATE OF CALIF MTNS RECREATION		Landuse, Slope
1445	4384011900	0.29	MOUNTAINS RECREATION AND		Landuse, Slope, Drain Proximity
1446	4384027900	0.00	L A CITY		Landuse, Parcel Size, Slope, Drain Proximity
1447	4384027901	0.03	L A CITY S BY S		Landuse, Parcel Size, Slope, Drain Proximity
1448	4384033900	0.71	L A CITY		Landuse, Slope
1449	4384034900	2.51	MOUNTAINS RECREATION AND		Landuse, Slope, Drain Proximity
1450	4385010900	10.70	REGENTS OF THE UNIVERSITY		Landuse, Slope
1451	4386003900	5.11	L A CITY DEPT OF WATER AND POWER		Slope, Drain Proximity
1452	4386005900	61.62	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1453	4386008900	0.06	L A CITY DEPT OF WATER AND POWER		Parcel Size, Slope
1454	4386008901	3.65	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1455	4386015906	18.62	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1456	4386015907	17.65	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1457	4386017901	9.23	U S GOVT		Landuse, Slope
1458	4386017902	0.26	U S GOVT		Landuse, Slope
1459	4386017903	3.14	U S GOVT		Landuse, Slope
1460	4386018900	0.94	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1461	4386018901	0.48	U S GOVT		Landuse, Slope
1462	4386018902	0.35	U S GOVT		Landuse, Slope
1463	4386018903	0.38	U S GOVT		Landuse, Slope

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
1464	4386018904	0.51	U S GOVT		Landuse, Slope
1465	4386018905	0.50	U S GOVT		Landuse, Slope
1466	4386018906	0.35	U S GOVT		Landuse, Slope
1467	4386019900	0.48	U S GOVT		Landuse, Slope
1468	4386019901	0.58	U S GOVT		Landuse, Slope
1469	4386019902	0.53	U S GOVT		Landuse, Slope
1470	4386019903	0.49	U S GOVT		Landuse, Slope
1471	4386019904	0.85	U S GOVT		Landuse, Slope
1472	4386019905	0.41	U S GOVT		Landuse, Slope
1473	4386019906	0.48	U S GOVT		Landuse, Slope
1474	4386019907	0.65	U S GOVT		Landuse, Slope
1475	4386019908	0.55	U S GOVT		Landuse, Slope
1476	4386020900	0.32	U S GOVT		Landuse, Slope
1477	4386020901	0.03	U S GOVT		Landuse, Parcel Size, Slope
1478	4386020902	0.04	U S GOVT		Landuse, Parcel Size, Slope
1479	4386020903	0.96	U S GOVT		Landuse, Slope
1480	4386020904	0.75	U S GOVT		Landuse, Slope
1481	4386020905	0.46	U S GOVT		Landuse, Slope
1482	4386020906	0.23	U S GOVT		Landuse, Parcel Size, Slope
1483	4386020907	0.43	U S GOVT		Landuse, Slope
1484	4386020908	0.58	U S GOV'T		Landuse, Slope
1485	4386020909	0.42	U S GOV'T		Landuse, Slope
1486	4386021900	0.62	U S GOVT		Landuse, Slope
1487	4386021901	0.62	U S GOVT		Landuse, Slope
1488	4386021905	0.41	U S GOVT		Landuse, Slope
1489	4386021906	0.28	U S GOVT		Landuse, Slope
1490	4386021909	0.28	U S GOVT		Landuse, Slope
1491	4386021911	0.24	U S GOVT		Landuse, Parcel Size, Slope
1492	4386021913	0.21	U S GOVT		Landuse, Parcel Size, Slope
1493	4386022900	0.77	U S GOVT		Landuse, Slope
1494	4386022901	0.57	U S GOVT		Landuse, Slope
1495	4386022902	0.52	U S GOVT		Landuse, Slope
1496	4386022903	0.57	U S GOVT		Landuse, Slope
1497	4386022904	0.56	U S GOVT		Landuse, Slope
1498	4386022905	0.60	U S GOVT		Landuse, Slope
1499	4386022906	0.60	U S GOVT		Landuse, Slope
1500	4386022907	0.63	U S GOVT		Landuse, Slope
1501	4386022908	0.57	U S GOVT		Landuse, Slope
1502	4386022909	1.14	U S GOVT		Landuse, Slope
1503	4386022910	0.56	U S GOVT		Landuse, Slope
1504	4386024900	0.21	U S GOVT		Parcel Size, Slope
1505	4387002900	12.58	L A CITY		Landuse, Slope, Drain Proximity
1506	4387002902	12.79	U S GOVT		Landuse, Slope, Drain Proximity
1507	4387002904	69.83	L A CITY DEPT OF WATER AND POWER		Slope
1508	4387002905	3.35	STATE OF CALIF SANTA MONICA		Landuse, Slope, Drain Proximity
1509	4387016900	21.16	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1510	4387016901	0.21	U S GOVT		Landuse, Parcel Size, Slope, Drain Proximity
1511	4387016902	20.52	STATE OF CALIF (SANTA MONICA		Landuse, Slope
1512	4387017903	2.52	U S GOVT		Landuse, Slope, Drain Proximity
1513	4387017904	1.48	L A CITY		Landuse, Slope, Drain Proximity
1514	4387017905	1.32	U S GOVT		Landuse, Slope
1515	4387017906	59.03	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1516	4387018900	0.34	U S GOVT		Landuse, Slope
1517	4387018901	0.86	U S GOVT		Landuse, Slope
1518	4387018902	0.36	U S GOVT		Landuse, Slope
1519	4387018903	0.32	U S GOVT		Landuse, Slope
1520	4387018904	0.32	U S GOVT		Landuse, Slope
1521	4387018905	0.24	U S GOVT		Landuse, Parcel Size, Slope
1522	4387018906	0.40	U S GOVT		Landuse, Slope
1523	4387018907	0.21	U S GOVT		Landuse, Parcel Size, Slope
1524	4387018908	0.26	U S GOVT		Landuse, Slope
1525	4387018909	0.25	U S GOVT		Landuse, Slope
1526	4387018910	0.30	U S GOVT		Landuse, Slope
1527	4387019907	3.62	U S GOV'T		Landuse, Slope
1528	4387020900	1.00	L A CITY DEPT OF WATER AND POWER		Landuse, Slope, Drain Proximity
1529	4387020901	1.60	L A CITY DEPT OF WATER AND POWER		Landuse, Slope
1530	4387020902	39.89	U S GOVT		Landuse, Slope, Drain Proximity
1531	4387020903	4.73	U S GOVT		Landuse, Slope
1532	4387020904	8.02	U S GOVT		Landuse, Slope
1533	4387020905	9.95	U S GOVT		Landuse, Slope, Drain Proximity
1534	4388001900	2.76	LA CITY		Landuse, Slope, Drain Proximity
1535	4388001902	2.57	LA CITY		Landuse, Slope, Drain Proximity
1536	4391007900	2.67	BEVERLY HILLS CITY		Slope, Drain Proximity
1537	4391007901	0.09	L A CITY DEPT OF WATER AND POWER		Landuse, Parcel Size, Slope, Drain Proximity
1538	4391013900	0.34	BEVERLY HILLS CITY		Slope, Drain Proximity
1539	4391015900	0.55	BEVERLY HILLS CITY		Slope, Drain Proximity
1540	4391025900	1.02	BEVERLY HILLS CITY		Slope, Drain Proximity

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
1541	4392015900	0.03	L A CITY S BY S		Parcel Size, Slope
1542	4490002905	1.02	METROPOLITAN WATER DIST OF		Slope
1543	4490002906	359.84	L A COUNTY		Slope
1544	4493014903	1.67	METROPOLITAN WATER DIST		Landuse, Slope, Drain Proximity
1545	4493014906	17.94	METROPOLITAN WATER DIST		Landuse, Slope, Drain Proximity
1546	5001015900	1.12	LACMTA		Tt excluded due to minimal tributary watershed area
1547	5001016904	0.82	LACMTA		Manually excluded - Local Knowledge/Feedback
1548	5002013900	0.32	LOS ANGELES LOMOD SOUTH INC		Tt excluded due to minimal tributary watershed area
1549	5002015900	2.30	LACMTA		Tt excluded due to minimal tributary watershed area
1550	5002016900	1.17	LACMTA		Tt excluded due to minimal tributary watershed area
1551	5003022900	0.11			Parcel Size
1552	5003033900	0.24	LACMTA		Parcel Size
1553	5003033901	0.42	LACMTA		Tt excluded due to minimal tributary watershed area
1554	5003034900	0.20	LACMTA		Parcel Size
1555	5003034901	0.40	LACMTA		Tt excluded due to minimal tributary watershed area
1556	5003035900	0.06	LACMTA		Parcel Size
1557	5003035901	0.44	LACMTA		Tt excluded due to minimal tributary watershed area
1558	5003035902	0.00	LACMTA		Parcel Size
1559	5005009900	0.46			Tt excluded due to minimal tributary watershed area
1560	5005023900	0.61	L A CITY		Tt excluded due to minimal tributary watershed area
1561	5005031900	0.14	L A CITY		Parcel Size
1562	5006009900	0.17	L A CITY FIRE DEPT		Ownership, Parcel Size, Drain Proximity
1563	5006009901	0.26	L A CITY		Drain Proximity
1564	5006009903	0.05			Parcel Size, Drain Proximity
1565	5006025900	0.25	L A CITY		Parcel Size
1566	5007009900	0.17	L A COUNTY CONSOLIDATED FIRE		Ownership, Parcel Size
1567	5007013901	0.39	L A COUNTY		Drain Proximity
1568	5009005900	7.54	L A COUNTY		Landuse
1569	5009005901	0.01	L A COUNTY		Landuse, Parcel Size, Drain Proximity
1570	5009005902	0.65	BALDWIN HILLS REGIONAL		Tt excluded due to minimal tributary watershed area
1571	5009005903	35.63	BALDWIN HILLS REGIONAL		Landuse
1572	5010001900	2.35	L A COUNTY		Tt excluded due to minimal tributary watershed area
1573	5010001901	1.72	STATE OF CALIFORNIA, DEPARTMENT	5707 LEXINGTON AVE	Tt excluded due to minimal tributary watershed area
1574	5010001902	8.87	STATE OF CALIF DEPT OF PARKS		Slope
1575	5010001903	11.02	STATE OF CALIF PARKS		Slope
1576	5010004900	1.11	L A COUNTY		Drain Proximity
1577	5011001900	5.25	STATE OF CALIFORNIA DEPT OF		Slope
1578	5011002900	6.03	STATE OF CALIF PARKS		Slope
1579	5012018900	0.64	L A COUNTY	11801 MISSOURI AVE	Tt excluded due to minimal tributary watershed area
1580	5013015900	0.30		4727 S CRENSHAW BLVD 90043	Tt excluded due to minimal tributary watershed area
1581	5013018900	0.28	L A CITY	5133 CRENSHAW BLVD	Tt excluded due to minimal tributary watershed area
1582	5013026905	0.02	L A UNIFIED SCHOOL DIST		Parcel Size
1583	5014011900	0.15	L A CITY		Parcel Size
1584	5014024902	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
1585	5014024903	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
1586	5016015901	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1587	5016015902	0.12	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1588	5016015903	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1589	5016015904	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1590	5016015905	0.12	L A UNIFIED SCHOOL		Parcel Size
1591	5016015906	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
1592	5016015907	0.09	L A UNIFIED SCHOOL DIST		Parcel Size
1593	5016015908	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
1594	5016015909	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1595	5016015910	0.07	L A UNIFIED SCHOOL DIST		Parcel Size
1596	5016015911	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1597	5016015912	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1598	5016015913	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1599	5016015914	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
1600	5016015915	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1601	5016015916	0.18	L A UNIFIED SCHOOL DIST		Parcel Size
1602	5016015917	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
1603	5016015918	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1604	5016015919	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1605	5016015920	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1606	5016015921	0.18	L A UNIFIED SCHOOL DIST		Parcel Size
1607	5016015922	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
1608	5016015923	0.17	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1609	5016015924	0.17	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1610	5016015925	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1611	5016016900	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1612	5016016901	0.14	L A UNIFIED SCHOOL		Parcel Size
1613	5016016902	0.14	L A UNIFIED SCHOOL		Parcel Size
1614	5016016903	0.14	L A UNIFIED SCHOOL		Parcel Size
1615	5016016904	0.18	L A UNIFIED SCHOOL DIST		Parcel Size
1616	5016016905	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
1617	5016016906	0.14	L A UNIFIED SCHOOL DIST		Parcel Size

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
1618	5016016907	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1619	5016016908	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1620	5016016909	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
1621	5016016910	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1622	5016016911	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1623	5016016912	0.17	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1624	5017030901	0.19	L A UNIFIED SCHOOL DIST		Parcel Size
1625	5017030902	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
1626	5017030903	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
1627	5017030904	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
1628	5017030905	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
1629	5017030906	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
1630	5017030907	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
1631	5017030908	0.19	L A UNIFIED SCHOOL DIST		Parcel Size
1632	5017030909	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
1633	5017030910	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
1634	5017030911	0.03	L A UNIFIED SCHOOL DIST		Parcel Size
1635	5018003900	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
1636	5018003901	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1637	5018003902	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1638	5018003903	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1639	5018003904	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1640	5018003905	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
1641	5018003906	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1642	5018003907	0.21	L A UNIFIED SCHOOL DIST		Parcel Size
1643	5018003908	0.17	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1644	5018003909	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1645	5018003910	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1646	5018003911	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
1647	5018003912	0.14	LOS ANGELES UNIFIED SCHOOL DIST		Parcel Size
1648	5018003913	0.14	LOS ANGELES UNIFIED SCHOOL DIST		Parcel Size
1649	5018003915	0.22	LOS ANGELES UNIFIED SCHOOL DIST		Parcel Size
1650	5018003916	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1651	5018003917	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1652	5018003918	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
1653	5018003919	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
1654	5018003920	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1655	5018003921	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
1656	5018004900	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
1657	5018004901	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1658	5018004902	0.14			Parcel Size
1659	5019001901	0.26	COMMUNITY REDEVELOPMENT AGENCY		Drain Proximity
1660	5019004904	0.18	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
1661	5019004905	0.15	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
1662	5019004906	0.09	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
1663	5019004907	0.06	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
1664	5019004908	0.14	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
1665	5019004909	0.14	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
1666	5019009900	0.38	L A CITY		Ownership
1667	5019025911	0.10	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
1668	5019025912	0.08	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
1669	5020033900	0.00	L A CITY S BY S		Parcel Size
1670	5020033901	0.01	L A CITY S BY S		Parcel Size
1671	5020033902	0.01	L A CITY S BY S		Parcel Size
1672	5020033903	0.01	L A CITY S BY S		Parcel Size
1673	5020033904	0.01	L A CITY S BY S		Parcel Size
1674	5020033905	0.01	L A CITY S BY S		Parcel Size
1675	5020033906	0.01	L A CITY S BY S		Parcel Size
1676	5021005900	0.14	L A CITY		Parcel Size
1677	5021005901	0.14	L A CITY		Parcel Size
1678	5021005902	1.71	L A CITY		Tt excluded due to minimal tributary watershed area
1679	5021005903	0.16	L A CITY		Parcel Size
1680	5021020900	0.15	U S POSTAL SERVICE		Parcel Size
1681	5021020901	0.34	U S POSTAL SERVICE		Tt excluded due to minimal tributary watershed area
1682	5024011900	0.13			Parcel Size
1683	5024011901	0.12			Parcel Size
1684	5024018903	0.02	L A CITY		Parcel Size
1685	5024018904	0.47			Tt excluded due to minimal tributary watershed area
1686	5024019901	0.04	L A CITY S BY S		Parcel Size
1687	5024019902	0.49	L A CITY	3341 W 43RD PL	Tt excluded due to minimal tributary watershed area
1688	5024019903	0.17	LOS ANGELES CITY		Parcel Size
1689	5024028909	0.04	L A UNIFIED SCHOOL DIST		Parcel Size
1690	5025006900	2.47	L A CITY DEPT OF WATER AND POWER		Tt excluded due to minimal tributary watershed area
1691	5027015900	9.50	L A CITY		Tt excluded due to minimal tributary watershed area
1692	5028004900	0.00	L A CITY S BY S		Parcel Size
1693	5028004901	0.00	L A CITY S BY S		Parcel Size, Drain Proximity
1694	5028006900	0.66			Drain Proximity

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
1695	5028021900	21.75	L A COUNTY PARK		Slope
1696	5029011900	0.37	L A CITY DEPT OF WATER AND POWER		Drain Proximity
1697	5029011901	1.88	L A CITY DEPT OF WATER AND POWER		Slope, Drain Proximity
1698	5029016900	0.00	L A CITY S BY S		Parcel Size, Slope, Drain Proximity
1699	5029017900	7.39	STATE OF CALIFORNIA		Slope
1700	5029017905	6.69	STATE OF CALIF		Slope
1701	5029017908	2.95	L A CITY DEPT OF WATER AND POWER		Slope, Drain Proximity
1702	5029017909	1.07	L A CITY DEPT OF WATER AND POWER		Drain Proximity
1703	5029017910	35.50	STATE OF CALIF		Slope
1704	5029017911	19.59	STATE OF CALIF		Slope
1705	5029017912	1.46	L A CITY DEPT OF WATER AND POWER		Slope
1706	5029017913	0.57	L A CITY DEPT OF WATER AND POWER		Slope
1707	5029017914	0.62	STATE OF CALIF		Slope
1708	5029017916	0.30	STATE OF CALIF		Slope
1709	5029017917	1.57	L A CITY DEPT OF WATER AND POWER		Slope
1710	5029017918	0.01	L A CITY DEPT OF WATER AND POWER		Parcel Size, Slope
1711	5029017919	11.87	STATE OF CALIF		Slope
1712	5029017921	20.56	STATE OF CALIF		Slope
1713	5029017923	0.01	L A COUNTY		Parcel Size
1714	5029017924	4.32	STATE OF CALIFORNIA		Slope
1715	5029017926	49.80	STATE OF CALIF		Slope
1716	5029017927	69.23	STATE OF CALIF		Slope
1717	5029018900	0.00	L A CITY S BY S		Parcel Size, Slope, Drain Proximity
1718	5029020902	0.76	L A CITY DEPT OF WATER AND POWER		Drain Proximity
1719	5029020903	1.70	STATE OF CALIF		Drain Proximity
1720	5029020904	75.22	STATE OF CALIF		Landuse, Slope
1721	5029020905	4.06	STATE OF CALIF		Landuse, Slope
1722	5029020906	0.37	U S GOVT		Slope
1723	5029022902	2.37	L A CITY DEPT OF WATER AND POWER	897 S WINDSOR BLVD	Tt excluded due to minimal tributary watershed area
1724	5029022903	0.08	STATE OF CALIF		Parcel Size, Drain Proximity
1725	5029026900	0.31	L A CITY DEPT OF WATER AND POWER		Drain Proximity
1726	5029029901	0.11	STATE OF CALIFORNIA		Parcel Size, Slope
1727	5029037900	0.00	STATE OF CALIF		Parcel Size, Slope
1728	5029037901	0.00	STATE OF CALIF		Parcel Size, Slope
1729	5029037902	0.00	STATE OF CALIF		Parcel Size, Slope
1730	5030002900	0.37	L A CITY HOUSING AUTHORITY	3909 GIBRALTAR AVE	Tt excluded due to minimal tributary watershed area
1731	5030002901	0.37	L A CITY HOUSING AUTHORITY	3907 GIBRALTAR AVE	Tt excluded due to minimal tributary watershed area
1732	5032003903	0.16	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
1733	5032003904	0.19	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
1734	5032003905	0.19	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
1735	5032003906	0.19	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
1736	5032004900	0.77	COMMUNITY REDEVELOPMENT AGENCY	3800 W MARTIN LUTHER KING JR BLVD	Tt excluded due to minimal tributary watershed area
1737	5032004909	1.50			Tt excluded due to minimal tributary watershed area
1738	5033004900	0.70	L A CITY		Ownership
1739	5033004902	0.02	L A CITY		Parcel Size
1740	5033005900	0.07	L A CITY		Parcel Size
1741	5033006900	0.07	L A CITY		Parcel Size
1742	5033015900	0.07	L A CITY		Parcel Size
1743	5033016900	0.07	L A CITY		Parcel Size
1744	5033020900	0.05	L A CITY		Parcel Size
1745	5033021900	0.05	L A CITY		Parcel Size
1746	5034003900	0.12	L A CITY S BY S		Parcel Size
1747	5034004900	0.12	L A CITY S BY S		Parcel Size
1748	5034007900	0.13	L A CITY S BY S		Parcel Size
1749	5034008900	0.13	L A CITY S BY S		Parcel Size
1750	5036008900	0.15	L A COUNTY		Parcel Size
1751	5036008901	0.31	L A COUNTY	3834 S WESTERN AVE	Tt excluded due to minimal tributary watershed area
1752	5036009901	0.83	L A COUNTY		Tt excluded due to minimal tributary watershed area
1753	5036009902	0.12	L A COUNTY		Parcel Size
1754	5036009903	0.12	L A COUNTY		Parcel Size
1755	5036025900	0.12	L A CITY		Parcel Size
1756	5036025901	0.12	L A CITY		Parcel Size
1757	5036025902	0.11	L A CITY		Parcel Size
1758	5036025904	0.12	L A CITY		Parcel Size
1759	5036025905	0.12	L A CITY		Parcel Size
1760	5036025906	0.24	L A CITY		Parcel Size
1761	5036025907	0.12	L A CITY		Parcel Size
1762	5036025908	0.12	L A CITY		Parcel Size
1763	5036025911	0.07	L A CITY		Parcel Size
1764	5036025912	0.12	L A CITY		Parcel Size
1765	5036025913	0.07	L A CITY		Parcel Size
1766	5036026903	0.15	L A CITY		Parcel Size
1767	5036026904	0.15	L A CITY		Parcel Size
1768	5036026905	0.15	L A CITY		Parcel Size
1769	5036026906	0.15	L A CITY		Parcel Size
1770	5036026907	0.14	L A CITY		Parcel Size
1771	5036026908	0.15	L A CITY		Parcel Size

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
1772	5036026909	0.15	L A CITY		Parcel Size
1773	5036026910	0.15	L A CITY		Parcel Size
1774	5036026911	0.10	L A CITY		Parcel Size
1775	5036026913	0.16	L A CITY		Parcel Size
1776	5036026915	0.22	L A CITY		Parcel Size
1777	5036027901	0.13	L A CITY		Parcel Size
1778	5037011900	0.13	L A CITY		Parcel Size
1779	5037024900	0.70	L A COUNTY	3965 S VERMONT AVE	Tt excluded due to minimal tributary watershed area
1780	5037027905	1.22	STATE OF CALIF 6TH DIST		Tt excluded due to minimal tributary watershed area
1781	5037027921	0.46	L A CITY		Drain Proximity
1782	5037027923	6.02	STATE OF CALIF 6TH DIST		Tt excluded due to minimal tributary watershed area
1783	5037027924	0.23	L A CITY		Parcel Size
1784	5037027925	0.24	L A CITY		Parcel Size
1785	5037027926	0.25	STATE OF CALIF 6TH DIST		Parcel Size
1786	5037027927	2.16	STATE OF CALIF 6TH DIST		Tt excluded due to minimal tributary watershed area
1787	5037027928	0.40	STATE OF CALIFORNIA		Drain Proximity
1788	5037027929	0.36	L A CITY MEMORIAL COLISEUM		Drain Proximity
1789	5037027930	0.30	L A CITY MEMORIAL COLISEUM		Drain Proximity
1790	5037027931	0.42	L A CITY MEMORIAL COLISEUM		Drain Proximity
1791	5037027932	0.20	STATE OF CALIFORNIA		Parcel Size, Drain Proximity
1792	5037027933	0.40	STATE OF CALIF		Drain Proximity
1793	5037027934	0.31	STATE OF CALIF		Drain Proximity
1794	5037027936	6.19	L A CITY PARK		Drain Proximity
1795	5037028900	0.92	STATE OF CALIF 6TH DIST		Tt excluded due to minimal tributary watershed area
1796	5037028901	1.24	STATE OF CALIF 6TH DIST		Tt excluded due to minimal tributary watershed area
1797	5037028902	7.01	L A CITY		Tt excluded due to minimal tributary watershed area
1798	5037028903	1.62	STATE OF CALIF 6TH DIST		Tt excluded due to minimal tributary watershed area
1799	5037028904	1.33	STATE OF CALIF 6TH DIST		Tt excluded due to minimal tributary watershed area
1800	5037028905	33.73	STATE OF CALIF 6TH DIST		Manually excluded - Local Knowledge/Feedback
1801	5037028910	0.20	L A CITY		Parcel Size
1802	5037028911	0.20	L A CITY MEMORIAL COLISEUM		Parcel Size
1803	5037028912	0.19	STATE OF CALIF		Parcel Size
1804	5037028913	0.19	STATE OF CALIFORNIA		Parcel Size
1805	5037028914	0.19	STATE OF CALIFORNIA		Parcel Size
1806	5037029900	0.21	LACMTA		Parcel Size
1807	5037030900	0.16	LACMTA		Parcel Size
1808	5037030901	0.13	STATE OF CALIFORNIA		Parcel Size
1809	5037030902	0.25	L A CO METROPOLITAN		Parcel Size
1810	5039019923	0.05	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
1811	5039020912	0.28	L A CITY		Ownership
1812	5039025900	1.29	LACMTA		Manually excluded - Local Knowledge/Feedback
1813	5040012900	0.39	LACMTA		Tt excluded due to minimal tributary watershed area
1814	5040013900	0.51	LACMTA		Tt excluded due to minimal tributary watershed area
1815	5040016909	0.23	L A UNIFIED SCHOOL DIST		Parcel Size
1816	5040016910	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
1817	5040016911	0.18	L A UNIFIED SCHOOL DIST		Parcel Size
1818	5040016912	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
1819	5040016913	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1820	5040016914	0.21	L A UNIFIED SCHOOL DIST		Parcel Size
1821	5040016915	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1822	5040016916	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1823	5040026900	0.07	L A UNIFIED SCHOOL DIST		Parcel Size
1824	5040026901	0.07	L A UNIFIED SCHOOL DIST		Parcel Size
1825	5040026902	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
1826	5040026903	0.06	L A UNIFIED SCHOOL DIST		Parcel Size
1827	5040026904	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1828	5040026905	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
1829	5040026906	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
1830	5040026907	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
1831	5040026908	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
1832	5040026909	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1833	5040026910	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
1834	5040026911	0.09	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1835	5040026912	0.05	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1836	5040026913	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
1837	5040026914	0.11	LA UNIFIED SCHOOL DIST		Parcel Size
1838	5040026916	0.08	L A UNIFIED SCHOOL DIST		Parcel Size
1839	5040026917	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
1840	5040026919	0.17	LA UNIFIED SCHOOL DIST		Parcel Size
1841	5040026920	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
1842	5040031909	0.16	L A CITY		Parcel Size
1843	5040033904	0.32	LACMTA		Tt excluded due to minimal tributary watershed area
1844	5040033905	0.03	LACMTA		Parcel Size
1845	5040033906	0.08	LACMTA		Parcel Size
1846	5041003900	0.12	L A CITY		Parcel Size
1847	5041025900	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
1848	5041026901	0.15	L A UNIFIED SCHOOL DIST		Parcel Size

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
1849	5041030901	0.05	L A COMMUNITY COLLEGE DISTRICT		Parcel Size
1850	5041031901	0.08	L A COUNTY METROPOLITAN		Parcel Size
1851	5041031902	0.12	L A COUNTY METROPOLITAN		Parcel Size
1852	5041037900	0.54	LACMTA		Tt excluded due to minimal tributary watershed area
1853	5041037901	0.19	LACMTA		Parcel Size
1854	5041037902	1.10	LACMTA		Tt excluded due to minimal tributary watershed area
1855	5042007901	0.31	LACMTA		Tt excluded due to minimal tributary watershed area
1856	5042008900	0.11	LACMTA		Parcel Size
1857	5042008901	0.40	LACMTA		Tt excluded due to minimal tributary watershed area
1858	5042008903	0.15	L A CITY		Parcel Size
1859	5042008905	0.16	L A CITY		Parcel Size
1860	5042008906	0.13	L A CITY		Parcel Size
1861	5042008907	0.14	L A CITY		Parcel Size
1862	5042010901	1.20	LACMTA		Tt excluded due to minimal tributary watershed area
1863	5042010902	0.02	L A COUNTY METROPOLITAN		Parcel Size
1864	5042010903	0.02	L A COUNTY METROPOLITAN		Parcel Size
1865	5042010904	0.00	LA CO METROPOLITAN		Parcel Size
1866	5042010905	0.14			Parcel Size
1867	5042033900	0.02	L A CITY S BY S		Parcel Size
1868	5044002900	1.90	LACMTA		Tt excluded due to minimal tributary watershed area
1869	5044002901	0.36	L A CO METROPOLITAN	3630 CRENSHAW BLVD	Tt excluded due to minimal tributary watershed area
1870	5044002902	0.40	MASJEID AL MU-MIN	3510 EXPOSITION BLVD	Tt excluded due to minimal tributary watershed area
1871	5044003900	2.85	L A CITY	3320 W 36TH ST 90018	Tt excluded due to minimal tributary watershed area
1872	5044003901	0.23	L A CITY DEPT OF WATER AND POWER		Parcel Size
1873	5044007900	0.12			Parcel Size
1874	5044008900	0.13	L A CITY		Parcel Size
1875	5044008901	0.13	L A CITY		Parcel Size
1876	5044009900	0.45	LACMTA	3012 W JEFFERSON BLVD	Manually excluded - Local Knowledge/Feedback
1877	5044010901	0.80	L A CITY		Tt excluded due to minimal tributary watershed area
1878	5044011900	0.95	LACMTA	3672 DEGNAN BLVD	Tt excluded due to minimal tributary watershed area
1879	5044017900	0.15	L A CITY		Parcel Size
1880	5044018900	0.33	L A CITY FIRE DEPT		Ownership
1881	5044018902	2.34	L A CITY		Tt excluded due to minimal tributary watershed area
1882	5044019900	0.88	LACMTA		Tt excluded due to minimal tributary watershed area
1883	5044019901	0.17	L A CO METROPOLITAN		Parcel Size
1884	5044019902	0.10	L A CO METROPOLITAN		Parcel Size
1885	5044023900	0.67	LACMTA		Tt excluded due to minimal tributary watershed area
1886	5044023901	0.56	LACMTA		Tt excluded due to minimal tributary watershed area
1887	5045001902	0.02	L A CITY		Ownership, Parcel Size
1888	5045001904	0.41	L A CITY		Ownership
1889	5045001905	1.05	L A CITY		Ownership
1890	5046004900	0.13	COMMUNITY REDEVELOPMENT		Parcel Size
1891	5046004901	0.14	COMMUNITY REDEVELOPMENT		Parcel Size
1892	5046009901	0.02	L A CO METROPOLITAN		Parcel Size
1893	5046009902	0.23	L A UNIFIED SCHOOL DIST		Parcel Size
1894	5046010901	0.09	L A CO METROPOLITAN		Parcel Size
1895	5046013902	0.71	LACMTA		Manually excluded - Local Knowledge/Feedback
1896	5046013903	2.38	LACMTA		Manually excluded - Local Knowledge/Feedback
1897	5046013904	0.14	L A COUNTY METROPOLITAN		Parcel Size
1898	5046022900	1.66	L A COUNTY	3606 EXPOSITION BLVD	Tt excluded due to minimal tributary watershed area
1899	5046040900	0.75	LACMTA		Manually excluded - Local Knowledge/Feedback
1900	5046040901	1.14	LACMTA		Manually excluded - Local Knowledge/Feedback
1901	5046040902	0.94	LACMTA		Tt excluded due to minimal tributary watershed area
1902	5046040904	0.41	LACMTA		Tt excluded due to minimal tributary watershed area
1903	5046040905	0.42	LACMTA		Tt excluded due to minimal tributary watershed area
1904	5047001900	0.00	L A CITY S BY S		Parcel Size
1905	5047001901	3.83	LACMTA		Tt excluded due to minimal tributary watershed area
1906	5047001903	1.66	LACMTA		Tt excluded due to minimal tributary watershed area
1907	5047001904	2.14	LACMTA		Tt excluded due to minimal tributary watershed area
1908	5047015901	0.00	L A CITY DEPT OF WATER AND POWER		Parcel Size
1909	5047015902	1.03	L A CITY HOUSING AUTHORITY	5621 CORBETT ST	Tt excluded due to minimal tributary watershed area
1910	5047015903	1.03	L A CITY HOUSING AUTHORITY	5625 CORBETT ST	Tt excluded due to minimal tributary watershed area
1911	5047015904	1.03	L A CITY HOUSING AUTHORITY	5629 CORBETT ST	Tt excluded due to minimal tributary watershed area
1912	5047015905	1.03	L A CITY HOUSING AUTHORITY	5631 CORBETT ST	Tt excluded due to minimal tributary watershed area
1913	5047015906	1.03	L A CITY HOUSING AUTHORITY	5639 CORBETT ST	Tt excluded due to minimal tributary watershed area
1914	5047015907	1.03	L A CITY HOUSING AUTHORITY	5643 CORBETT ST	Tt excluded due to minimal tributary watershed area
1915	5047015908	1.03	L A CITY HOUSING AUTHORITY	5645 CORBETT ST	Tt excluded due to minimal tributary watershed area
1916	5047016900	0.02	L A CITY DEPT OF WATER AND POWER		Parcel Size
1917	5047017901	0.69	L A CITY HOUSING AUTHORITY	5650 CORBETT ST	Tt excluded due to minimal tributary watershed area
1918	5047017902	0.86	L A CITY HOUSING AUTHORITY	5618 CORBETT ST	Tt excluded due to minimal tributary watershed area
1919	5047017903	0.84	L A CITY HOUSING AUTHORITY	5611 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1920	5047017904	0.84	L A CITY HOUSING AUTHORITY	5617 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1921	5047017905	0.86	L A CITY HOUSING AUTHORITY	3443 CARMONA AVE	Tt excluded due to minimal tributary watershed area
1922	5047017906	0.86	L A CITY HOUSING AUTHORITY	5600 CORBETT ST	Tt excluded due to minimal tributary watershed area
1923	5047017907	0.86	L A CITY HOUSING AUTHORITY	5604 CORBETT ST	Tt excluded due to minimal tributary watershed area
1924	5047017908	0.86	L A CITY HOUSING AUTHORITY	5612 CORBETT ST	Tt excluded due to minimal tributary watershed area
1925	5047017909	0.86	L A CITY HOUSING AUTHORITY	5614 CORBETT ST	Tt excluded due to minimal tributary watershed area

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
1926	5047017910	0.86	L A CITY HOUSING AUTHORITY	5618 CORBETT ST	Tt excluded due to minimal tributary watershed area
1927	5047017911	0.86	L A CITY HOUSING AUTHORITY	5620 CORBETT ST	Tt excluded due to minimal tributary watershed area
1928	5047017912	0.86	L A CITY HOUSING AUTHORITY	5622 CORBETT ST	Tt excluded due to minimal tributary watershed area
1929	5047017913	0.84	L A CITY HOUSING AUTHORITY	3453 CARMONA AVE	Tt excluded due to minimal tributary watershed area
1930	5047017914	0.84	L A CITY HOUSING AUTHORITY	5621 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1931	5047017915	0.84	L A CITY HOUSING AUTHORITY	5623 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1932	5047017916	0.84	L A CITY HOUSING AUTHORITY	5625 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1933	5047017917	0.69	L A CITY HOUSING AUTHORITY	5628 CORBETT ST	Tt excluded due to minimal tributary watershed area
1934	5047017918	0.69	L A CITY HOUSING AUTHORITY	5630 CORBETT ST	Tt excluded due to minimal tributary watershed area
1935	5047017919	0.69	L A CITY HOUSING AUTHORITY	5630 CORBETT ST	Tt excluded due to minimal tributary watershed area
1936	5047017920	0.69	L A CITY HOUSING AUTHORITY	5632 CORBETT ST	Tt excluded due to minimal tributary watershed area
1937	5047017921	0.69	L A CITY HOUSING AUTHORITY	5634 CORBETT ST	Tt excluded due to minimal tributary watershed area
1938	5047017922	0.69	L A CITY HOUSING AUTHORITY	5636 CORBETT ST	Tt excluded due to minimal tributary watershed area
1939	5047017923	0.69	L A CITY HOUSING AUTHORITY	5636 CORBETT ST	Tt excluded due to minimal tributary watershed area
1940	5047017924	0.69	L A CITY HOUSING AUTHORITY	5640 CORBETT ST	Tt excluded due to minimal tributary watershed area
1941	5047017925	0.69	L A CITY HOUSING AUTHORITY	5642 CORBETT ST	Tt excluded due to minimal tributary watershed area
1942	5047017926	0.69	L A CITY HOUSING AUTHORITY	5642 CORBETT ST	Tt excluded due to minimal tributary watershed area
1943	5047017927	0.74	L A CITY HOUSING AUTHORITY	5631 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1944	5047017928	0.74	L A CITY HOUSING AUTHORITY	5643 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1945	5047017929	0.74	L A CITY HOUSING AUTHORITY	5645 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1946	5047018900	0.96	L A CITY HOUSING AUTHORITY	5751 CORBETT ST	Tt excluded due to minimal tributary watershed area
1947	5047018902	0.96	L A CITY HOUSING AUTHORITY	5741 CORBETT ST	Tt excluded due to minimal tributary watershed area
1948	5047018903	0.96	L A CITY HOUSING AUTHORITY	5743 CORBETT ST	Tt excluded due to minimal tributary watershed area
1949	5047018904	0.96	L A CITY HOUSING AUTHORITY	5743 CORBETT ST	Tt excluded due to minimal tributary watershed area
1950	5047018905	0.96	L A CITY HOUSING AUTHORITY	5745 CORBETT ST	Tt excluded due to minimal tributary watershed area
1951	5047018906	0.96	L A CITY HOUSING AUTHORITY	5749 CORBETT ST	Tt excluded due to minimal tributary watershed area
1952	5047018907	0.96	L A CITY HOUSING AUTHORITY	5753 CORBETT ST	Tt excluded due to minimal tributary watershed area
1953	5047018908	0.96	L A CITY HOUSING AUTHORITY	5753 CORBETT ST	Tt excluded due to minimal tributary watershed area
1954	5047018909	0.96	L A CITY HOUSING AUTHORITY	5755 CORBETT ST	Tt excluded due to minimal tributary watershed area
1955	5047018910	0.96	L A CITY HOUSING AUTHORITY	5757 CORBETT ST	Tt excluded due to minimal tributary watershed area
1956	5047018911	0.96	L A CITY HOUSING AUTHORITY	5757 CORBETT ST	Tt excluded due to minimal tributary watershed area
1957	5047018912	0.96	L A CITY HOUSING AUTHORITY	5759 CORBETT ST	Tt excluded due to minimal tributary watershed area
1958	5047018913	0.96	L A CITY HOUSING AUTHORITY	5761 CORBETT ST	Tt excluded due to minimal tributary watershed area
1959	5047018914	0.96	L A CITY HOUSING AUTHORITY	5763 CORBETT ST	Tt excluded due to minimal tributary watershed area
1960	5047018915	0.96	L A CITY HOUSING AUTHORITY	5765 CORBETT ST	Tt excluded due to minimal tributary watershed area
1961	5047018916	0.96	L A CITY HOUSING AUTHORITY	5767 CORBETT ST	Tt excluded due to minimal tributary watershed area
1962	5047018917	0.49	L A CITY HOUSING AUTHORITY	5769 CORBETT ST	Tt excluded due to minimal tributary watershed area
1963	5047018918	0.49	L A CITY HOUSING AUTHORITY	5773 CORBETT ST	Tt excluded due to minimal tributary watershed area
1964	5047018919	0.49	L A CITY HOUSING AUTHORITY	5775 CORBETT ST	Tt excluded due to minimal tributary watershed area
1965	5047018920	0.49	L A CITY HOUSING AUTHORITY	5777 CORBETT ST	Tt excluded due to minimal tributary watershed area
1966	5047018921	0.49	L A CITY HOUSING AUTHORITY	5779 CORBETT ST	Tt excluded due to minimal tributary watershed area
1967	5047018922	0.49	L A CITY HOUSING AUTHORITY	5783 CORBETT ST	Tt excluded due to minimal tributary watershed area
1968	5047018923	0.71	L A CO METROPOLITAN		Tt excluded due to minimal tributary watershed area
1969	5047019901	0.70	L A CITY HOUSING AUTHORITY	5754 CORBETT ST	Tt excluded due to minimal tributary watershed area
1970	5047019902	0.70	L A CITY HOUSING AUTHORITY	5756 CORBETT ST	Tt excluded due to minimal tributary watershed area
1971	5047019903	0.70	L A CITY HOUSING AUTHORITY	5758 CORBETT ST	Tt excluded due to minimal tributary watershed area
1972	5047019904	0.70	L A CITY HOUSING AUTHORITY	5760 CORBETT ST	Tt excluded due to minimal tributary watershed area
1973	5047019905	0.70	L A CITY HOUSING AUTHORITY	5762 CORBETT ST	Tt excluded due to minimal tributary watershed area
1974	5047019906	0.70	L A CITY HOUSING AUTHORITY	5762 CORBETT ST	Tt excluded due to minimal tributary watershed area
1975	5047019907	0.70	L A CITY HOUSING AUTHORITY	5764 CORBETT ST	Tt excluded due to minimal tributary watershed area
1976	5047019908	0.70	L A CITY HOUSING AUTHORITY	5766 CORBETT ST	Tt excluded due to minimal tributary watershed area
1977	5047019909	0.70	L A CITY HOUSING AUTHORITY	5768 CORBETT ST	Tt excluded due to minimal tributary watershed area
1978	5047019910	0.70	L A CITY HOUSING AUTHORITY	5770 CORBETT ST	Tt excluded due to minimal tributary watershed area
1979	5047019911	0.70	L A CITY HOUSING AUTHORITY	5774 CORBETT ST	Tt excluded due to minimal tributary watershed area
1980	5047019912	0.70	L A CITY HOUSING AUTHORITY	5776 CORBETT ST	Tt excluded due to minimal tributary watershed area
1981	5047019913	1.01	L A CITY HOUSING AUTHORITY	5737 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1982	5047019914	1.01	L A CITY HOUSING AUTHORITY	5739 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1983	5047019915	1.01	L A CITY HOUSING AUTHORITY	5745 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1984	5047019916	1.01	L A CITY HOUSING AUTHORITY	5745 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1985	5047019917	1.01	L A CITY HOUSING AUTHORITY	5749 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1986	5047019918	1.01	L A CITY HOUSING AUTHORITY	5751 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1987	5047019919	1.01	L A CITY HOUSING AUTHORITY	5751 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1988	5047019920	1.01	L A CITY HOUSING AUTHORITY	5753 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1989	5047019921	1.01	L A CITY HOUSING AUTHORITY	5738 CORBETT ST	Tt excluded due to minimal tributary watershed area
1990	5047019922	1.01	L A CITY HOUSING AUTHORITY	5738 CORBETT ST	Tt excluded due to minimal tributary watershed area
1991	5047019923	1.01	L A CITY HOUSING AUTHORITY	5742 CORBETT ST	Tt excluded due to minimal tributary watershed area
1992	5047019924	1.01	L A CITY HOUSING AUTHORITY	5744 CORBETT ST	Tt excluded due to minimal tributary watershed area
1993	5047019925	1.01	L A CITY HOUSING AUTHORITY	5744 CORBETT ST	Tt excluded due to minimal tributary watershed area
1994	5047019926	1.01	L A CITY HOUSING AUTHORITY	5748 CORBETT ST	Tt excluded due to minimal tributary watershed area
1995	5047019927	1.06	L A CITY HOUSING AUTHORITY	5701 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1996	5047019928	1.06	L A CITY HOUSING AUTHORITY	5705 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1997	5047019929	1.06	L A CITY HOUSING AUTHORITY	5715 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1998	5047019930	1.06	L A CITY HOUSING AUTHORITY	5723 CLEMSON ST	Tt excluded due to minimal tributary watershed area
1999	5047019931	1.06	L A CITY HOUSING AUTHORITY	5725 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2000	5047019932	1.06	L A CITY HOUSING AUTHORITY	5727 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2001	5047019933	1.06	L A CITY HOUSING AUTHORITY	5733 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2002	5047019934	1.06	L A CITY HOUSING AUTHORITY	5733 CLEMSON ST	Tt excluded due to minimal tributary watershed area

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
2003	5047019935	0.37	L A CITY HOUSING AUTHORITY	5778 CORBETT ST	Tt excluded due to minimal tributary watershed area
2004	5047019936	0.37	L A CITY HOUSING AUTHORITY	5780 CORBETT ST	Tt excluded due to minimal tributary watershed area
2005	5047019937	0.37	L A CITY HOUSING AUTHORITY	5782 CORBETT ST	Tt excluded due to minimal tributary watershed area
2006	5047019938	0.37	L A CITY HOUSING AUTHORITY	5792 CORBETT ST	Tt excluded due to minimal tributary watershed area
2007	5047019939	1.06	L A CITY HOUSING AUTHORITY	5759 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2008	5047019940	1.06	L A CITY HOUSING AUTHORITY	5765 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2009	5047019941	1.06	L A CITY HOUSING AUTHORITY	5767 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2010	5047019942	1.06	L A CITY HOUSING AUTHORITY	5769 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2011	5047019943	1.06	L A CITY HOUSING AUTHORITY	5769 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2012	5047019944	1.06	L A CITY HOUSING AUTHORITY	5771 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2013	5047019945	1.06	L A CITY HOUSING AUTHORITY	5775 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2014	5047019946	1.06	L A CITY HOUSING AUTHORITY	5777 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2015	5047019947	1.06	L A CITY HOUSING AUTHORITY	5783 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2016	5047019948	1.06	L A CITY HOUSING AUTHORITY	5785 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2017	5047019949	1.06	L A CITY HOUSING AUTHORITY	5787 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2018	5047019950	1.06	L A CITY HOUSING AUTHORITY	5789 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2019	5047019951	1.06	L A CITY HOUSING AUTHORITY	5793 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2020	5047020900	0.70	L A CITY HOUSING AUTHORITY	5642 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2021	5047020901	0.84	L A CITY HOUSING AUTHORITY	5618 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2022	5047020902	0.70	L A CITY HOUSING AUTHORITY	5630 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2023	5047020903	0.70	L A CITY HOUSING AUTHORITY	5630 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2024	5047020904	0.70	L A CITY HOUSING AUTHORITY	5636 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2025	5047020905	0.70	L A CITY HOUSING AUTHORITY	5638 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2026	5047020906	0.70	L A CITY HOUSING AUTHORITY	5640 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2027	5047020907	0.70	L A CITY HOUSING AUTHORITY	5646 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2028	5047020908	0.84	L A CITY HOUSING AUTHORITY	5602 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2029	5047020909	0.84	L A CITY HOUSING AUTHORITY	5606 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2030	5047020910	0.84	L A CITY HOUSING AUTHORITY	5608 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2031	5047020911	0.84	L A CITY HOUSING AUTHORITY	5612 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2032	5047020912	0.84	L A CITY HOUSING AUTHORITY	5614 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2033	5047020913	0.84	L A CITY HOUSING AUTHORITY	5620 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2034	5047020914	0.84	L A CITY HOUSING AUTHORITY	5626 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2035	5047021900	0.47	HOUSING AUTHORITY OF LOS ANGELES	5736 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2036	5047021901	0.71	L A CITY HOUSING AUTHORITY	5754 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2037	5047021902	0.71	L A CITY HOUSING AUTHORITY	5758 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2038	5047021903	0.71	L A CITY HOUSING AUTHORITY	5760 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2039	5047021904	0.71	L A CITY HOUSING AUTHORITY	5760 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2040	5047021905	0.71	L A CITY HOUSING AUTHORITY	5764 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2041	5047021906	0.71	L A CITY HOUSING AUTHORITY	5766 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2042	5047021907	0.71	L A CITY HOUSING AUTHORITY	5768 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2043	5047021908	0.71	L A CITY HOUSING AUTHORITY	5772 CLEMSON ST	Tt excluded due to minimal tributary watershed area
2044	5048008900	0.19	L A CITY DEPT OF WATER AND POWER		Parcel Size
2045	5048013900	1.71	L A CITY DEPT OF WATER AND POWER		Tt excluded due to minimal tributary watershed area
2046	5048014900	0.03	L A CO FLOOD CONTROL DIST		Parcel Size
2047	5048014902	0.01	L A CITY		Parcel Size
2048	5049001900	0.17	L A CITY		Parcel Size
2049	5049009900	0.10	CRA LA		Parcel Size
2050	5049016906	0.14	CRA LA		Parcel Size
2051	5049016907	0.12	CRA LA		Parcel Size
2052	5049016908	0.14	CRA LA		Parcel Size
2053	5049030902	0.43	L A CITY		Tt excluded due to minimal tributary watershed area
2054	5049030904	0.10	L A CITY		Parcel Size
2055	5049030905	0.10	L A CITY		Parcel Size
2056	5049030906	0.10	L A CITY		Parcel Size
2057	5049030907	0.10	L A CITY		Parcel Size
2058	5050006900	0.11	L A CITY		Parcel Size
2059	5050006901	0.22	L A CITY		Parcel Size
2060	5050006902	0.11	L A CITY		Parcel Size
2061	5050006903	0.11	L A CITY		Parcel Size
2062	5050006904	0.11	L A CITY		Parcel Size
2063	5050006907	0.11	L A CITY		Parcel Size
2064	5050006910	0.09	L A CITY		Parcel Size
2065	5050006911	0.11	L A CITY		Parcel Size
2066	5050006912	0.06	L A CITY		Parcel Size
2067	5050006913	0.03	L A CITY		Parcel Size
2068	5050006914	0.11	L A CITY		Parcel Size
2069	5051005901	0.18	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2070	5051005902	0.17	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2071	5051021900	0.14	LOS ANGELES LOMOD SOUTH INC		Parcel Size
2072	5051023900	0.17	LOS ANGELES LOMOD SOUTH INC		Parcel Size, Drain Proximity
2073	5052006900	0.15	L A CITY		Parcel Size
2074	5052006901	0.12	L A CITY		Parcel Size
2075	5052006902	0.12	L A CITY		Parcel Size
2076	5052006903	0.12	L A CITY		Parcel Size
2077	5052006904	0.12	L A CITY		Parcel Size
2078	5052007900	0.15	L A CITY		Parcel Size
2079	5052007901	0.12	L A CITY		Parcel Size

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
2080	5052007902	0.12	L A CITY		Parcel Size
2081	5052015900	3.27	L A UNIFIED SCHOOL DIST		Drain Proximity
2082	5053026900	0.01	LOS ANGELES CITY		Parcel Size
2083	5053026901	0.01	LOS ANGELES CITY		Parcel Size
2084	5053026902	0.01	LOS ANGELES CITY		Parcel Size
2085	5053026903	0.17	LOS ANGELES CITY		Parcel Size
2086	5053026904	0.17	LOS ANGELES CITY		Parcel Size
2087	5053026905	0.17	LOS ANGELES CITY		Parcel Size
2088	5053026906	0.17	LOS ANGELES CITY		Parcel Size
2089	5053026907	0.17	LOS ANGELES CITY		Parcel Size
2090	5053026908	0.17	LOS ANGELES CITY		Parcel Size
2091	5053026909	0.17	LOS ANGELES CITY		Parcel Size
2092	5053026910	0.17	LOS ANGELES CITY		Parcel Size
2093	5053026911	0.17	LOS ANGELES CITY		Parcel Size
2094	5053026912	0.17	LOS ANGELES CITY		Parcel Size
2095	5053026913	0.17	LOS ANGELES CITY		Parcel Size
2096	5053026914	0.17	LOS ANGELES CITY		Parcel Size
2097	5053026915	0.17	LOS ANGELES CITY		Parcel Size
2098	5053026917	0.16	LOS ANGELES CITY		Parcel Size
2099	5053026918	0.01	LOS ANGELES CITY		Parcel Size
2100	5053026919	0.01	LOS ANGELES CITY		Parcel Size
2101	5053026920	0.11	LOS ANGELES CITY		Parcel Size
2102	5053029906	0.01	COMMUNITY REDEVEDOPMENT AGENCY		Parcel Size
2103	5053029907	0.06	COMMUNITY REDEVEDOPMENT AGENCY		Parcel Size
2104	5053029908	0.01	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2105	5054028900	0.43	L A CITY HOUSING AUTHORITY	1461 DANA ST	Tt excluded due to minimal tributary watershed area
2106	5054029907	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2107	5054029908	0.07	L A UNIFIED SCHOOL DIST		Parcel Size
2108	5054029909	0.09	L A UNIFIED SCHOOL DIST		Parcel Size
2109	5054029910	0.16	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2110	5054029911	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2111	5056011903	0.71	L A CITY	1811 Hoover St	Tt excluded due to minimal tributary watershed area
2112	5056014907	0.21	L A UNIFIED SCHOOL DIST		Parcel Size
2113	5056014909	0.12	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2114	5056014910	0.09	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2115	5056014911	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2116	5056014912	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2117	5056024900	0.02	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2118	5056024902	0.02	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2119	5056025900	0.05	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2120	5056025901	0.17	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2121	5056025902	0.17	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2122	5056025903	0.11	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2123	5056025904	0.22	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2124	5056025905	0.15	LOS ANGELES UNIFIED SCHOOL DISTR		Parcel Size
2125	5056025906	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2126	5056025907	0.18	L A UNIFIED SCHOOL DIST		Parcel Size
2127	5056025910	0.10	L A UNIFIED SCHOOL DIST		Parcel Size
2128	5056025911	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
2129	5056025912	0.19	L A UNIFIED SCHOOL DIST		Parcel Size
2130	5056025913	0.15	LOS ANGELES UNIFIED SCHOOL DIST		Parcel Size
2131	5056030900	0.10	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2132	5056030901	0.19	L A UNIFIED SCHOOL DIST		Parcel Size
2133	5056030902	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2134	5056030903	0.19	L A UNIFIED SCHOOL DIST		Parcel Size
2135	5056030905	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2136	5056030906	0.18	LOS ANGELES UNIFIED SCHOOL DIST		Parcel Size
2137	5056030907	0.18	LOS ANGELES UNIFIED SCHOOL DIST		Parcel Size
2138	5056030908	0.02	LOS ANGELES UNIFIED SCHOOL DIST		Parcel Size
2139	5057017900	0.93	L A CITY PLAYGROUND		Tt excluded due to minimal tributary watershed area
2140	5058005900	4.73	REGENTS OF THE UNIVERSITY		Drain Proximity
2141	5058009912	13.20	L A UNIFIED SCHOOL DIST		Drain Proximity
2142	5058012901	0.66	LOS ANGELES LOMOD SOUTH INC		Drain Proximity
2143	5058012904	1.96	LOS ANGELES LOMOD SOUTH INC		Drain Proximity
2144	5059003900	0.20	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2145	5059004900	0.19	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2146	5059004901	0.19	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2147	5059026900	1.62	L A CITY		Drain Proximity
2148	5059030900	0.17	L A CITY		Parcel Size, Drain Proximity
2149	5059030901	0.21	L A CITY		Parcel Size, Drain Proximity
2150	5059030902	0.22	L A CITY		Parcel Size, Drain Proximity
2151	5059030903	0.22	L A CITY		Parcel Size, Drain Proximity
2152	5059030904	0.22	L A CITY		Parcel Size, Drain Proximity
2153	5060030900	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2154	5060030903	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
2155	5060030904	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
2156	5060030906	0.16	L A UNIFIED SCHOOL DISTRICT		Parcel Size

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
2157	5060030907	0.03	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2158	5060030908	0.22	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2159	5060030909	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2160	5060031901	0.23	L A UNIFIED SCHOOL DIST		Parcel Size
2161	5060031902	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2162	5060031903	0.23	L A UNIFIED SCHOOL DIST		Parcel Size
2163	5061016901	0.11	L A CITY		Parcel Size
2164	5061016902	0.11	L A CITY		Parcel Size
2165	5061016904	0.11	L A CITY		Parcel Size
2166	5061016906	0.16	L A CITY		Parcel Size
2167	5061016907	0.26	L A CITY	4718 W WASHINGTON BLVD	Tt excluded due to minimal tributary watershed area
2168	5062004900	0.21	U S POSTAL SERVICE		Parcel Size
2169	5062004901	0.21	U S POSTAL SERVICE		Parcel Size
2170	5062004902	0.21	U S POSTAL SERVICE		Parcel Size
2171	5062004903	0.84	U S POSTAL SERVICE		Tt excluded due to minimal tributary watershed area
2172	5063020900	0.30	LOS ANGELES LOMOD SOUTH INC	2328 S RIDGELEY DR	Tt excluded due to minimal tributary watershed area
2173	5064024902	0.16	L A CITY DEPT OF WATER AND POWER		Parcel Size
2174	5064029905	0.26	L A CITY DEPT OF WATER AND POWER		Manually excluded - Local Knowledge/Feedback
2175	5064029907	22.34	L A CITY DEPT OF WATER AND POWER		Manually excluded - Local Knowledge/Feedback
2176	5065004900	0.14	L A CO FLOOD CONTROL DIST		Parcel Size
2177	5065004901	0.16	L A CO FLOOD CONTROL DIST		Parcel Size
2178	5065004902	0.02	L A CO FLOOD CONTROL DIST		Parcel Size
2179	5066001900	0.28	L A CO FLOOD CONTROL DIST		Manually excluded - Local Knowledge/Feedback
2180	5066006900	0.13	L A CITY		Parcel Size
2181	5066006901	0.13	L A CITY		Parcel Size
2182	5066006902	0.13	L A CITY		Parcel Size
2183	5066007906	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2184	5066007907	0.02	L A CITY S BY S		Parcel Size
2185	5066007908	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2186	5066007909	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
2187	5066007910	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
2188	5066007911	0.18	L A UNIFIED SCHOOL DIST		Parcel Size
2189	5067015901	0.07	L A CITY		Ownership, Parcel Size
2190	5067015902	0.07	L A CITY		Ownership, Parcel Size
2191	5067015903	0.07	L A CITY		Ownership, Parcel Size
2192	5067015904	0.08	L A CITY		Ownership, Parcel Size
2193	5067015905	0.07	L A CITY		Parcel Size
2194	5070001901	0.60	L A CITY DEPT OF WATER AND POWER		Manually excluded - Local Knowledge/Feedback
2195	5070010900	0.48	L A CITY		Drain Proximity
2196	5070011900	0.15	L A CITY FIRE DEPT		Ownership, Parcel Size
2197	5070011901	0.03	L A CITY		Parcel Size
2198	5070013905	3.63	L A CITY	4861 VENICE BLVD	Manually excluded - Local Knowledge/Feedback
2199	5071004900	0.15	L A CITY		Parcel Size
2200	5071005907	0.15	L A CITY		Parcel Size
2201	5071008900	0.15	L A CITY		Parcel Size
2202	5071025900	0.17	L A CITY PARK		Parcel Size
2203	5071025901	0.16	L A CITY		Parcel Size
2204	5071025902	0.16	L A CITY		Parcel Size
2205	5071025903	0.24	L A CITY		Parcel Size
2206	5072004900	0.16	LOS ANGELES LOMOD SOUTH INC		Parcel Size
2207	5072013901	0.13	L A CITY RECREATION AND PARKS		Parcel Size
2208	5072030900	0.27	L A CITY LIBRARY	1803 ARLINGTON AVE	Tt excluded due to minimal tributary watershed area
2209	5073013901	0.15	L A CITY		Parcel Size
2210	5073013902	0.15	L A CITY		Parcel Size
2211	5073014900	0.20	CRA LA		Parcel Size
2212	5073018902	0.20	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2213	5073024900	0.16	L A CITY FIRE DEPT		Ownership, Parcel Size
2214	5073030900	0.31	L A CITY		Ownership, Drain Proximity
2215	5074027900	0.09	L A CITY		Parcel Size
2216	5075022901	1.24	PIERCE BROTHERS		Ownership
2217	5075024918	0.01	L A CITY		Ownership, Parcel Size
2218	5075024949	50.85	ROSEDALE CEMETERY ASSN LTD		Ownership
2219	5075033902	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2220	5075035901	0.15	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2221	5075035902	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2222	5075035903	0.01	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2223	5075035904	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2224	5075035905	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2225	5075035906	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2226	5075035908	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2227	5075035909	0.23	L A UNIFIED SCHOOL DIST		Parcel Size
2228	5075035910	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2229	5075035912	0.15	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2230	5076007901	0.23	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2231	5076007902	0.16	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2232	5076007903	0.20	L A UNIFIED SCHOOL DIST		Parcel Size
2233	5076007904	0.20	L A UNIFIED SCHOOL DIST		Parcel Size

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
2234	5076007905	0.20	L A UNIFIED SCHOOL DIST		Parcel Size
2235	5076007906	0.20	L A UNIFIED SCHOOL DIST		Parcel Size
2236	5076007907	0.20	L A UNIFIED SCHOOL DIST		Parcel Size
2237	5076007908	0.20	L A UNIFIED SCHOOL DIST		Parcel Size
2238	5076007909	0.20	L A UNIFIED SCHOOL DIST		Parcel Size
2239	5076007910	0.20	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2240	5076007911	0.23	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2241	5076007912	0.20	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2242	5076008901	0.10	L A UNIFIED SCHOOL DIST		Parcel Size
2243	5076008902	0.20	L A UNIFIED SCHOOL DIST		Parcel Size
2244	5076008903	0.20	L A UNIFIED SCHOOL DIST		Parcel Size
2245	5076008904	0.20	L A UNIFIED SCHOOL DIST		Parcel Size
2246	5076008905	0.20	L A UNIFIED SCHOOL DIST		Parcel Size
2247	5076008906	0.23	L A UNIFIED SCHOOL DIST		Parcel Size
2248	5076008907	0.20	L A UNIFIED SCHOOL DIST		Parcel Size
2249	5076008908	0.20	L A UNIFIED SCHOOL DIST		Parcel Size
2250	5076008909	0.20	L A UNIFIED SCHOOL DIST		Parcel Size
2251	5076008910	0.20	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2252	5076010900	2.79	L A CITY	1200 S VERMONT AVE	Tt excluded due to minimal tributary watershed area
2253	5076019900	0.22	L A CITY		Ownership, Parcel Size
2254	5076019901	0.46	L A CITY	1251 S WESTMORELAND AVE	Tt excluded due to minimal tributary watershed area
2255	5076019902	0.23	L A CITY		Parcel Size
2256	5076019903	0.23	L A CITY		Parcel Size
2257	5077003900	0.52	U S GOVT	443 SHATTO PL	Tt excluded due to minimal tributary watershed area
2258	5077003901	0.85	L A COUNTY	523 SHATTO PL	Tt excluded due to minimal tributary watershed area
2259	5077003902	0.99	L A COUNTY	550 S VERMONT AVE	Tt excluded due to minimal tributary watershed area
2260	5077003903	0.49	L A COUNTY	532 S VERMONT AVE	Tt excluded due to minimal tributary watershed area
2261	5077003904	0.35	L A COUNTY	526 S VERMONT AVE	Tt excluded due to minimal tributary watershed area
2262	5077003905	0.78	L A COUNTY	510 S VERMONT AVE	Tt excluded due to minimal tributary watershed area
2263	5077009904	0.00	LACMTA		Parcel Size
2264	5077009905	1.02	LACMTA	3087 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
2265	5077009914	1.06	LACMTA		Tt excluded due to minimal tributary watershed area
2266	5077009915	0.82	LACMTA	3183 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
2267	5077009916	1.43	LACMTA		Tt excluded due to minimal tributary watershed area
2268	5077010902	0.56	L A CITY		Drain Proximity
2269	5077018900	0.36	NEW VISION ASSETS INC	3056 LEEWARD AVE	Tt excluded due to minimal tributary watershed area
2270	5077023900	0.15	L A CITY		Parcel Size
2271	5077026904	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2272	5077026905	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2273	5077026906	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2274	5077026907	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2275	5077026908	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2276	5077026909	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2277	5077026910	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2278	5077026911	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2279	5077026912	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2280	5077026913	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2281	5077026914	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2282	5077026915	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2283	5077027901	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2284	5078001904	0.03	L A CITY		Parcel Size
2285	5078001914	0.20	L A CITY		Parcel Size
2286	5078001916	0.13	L A CITY		Parcel Size
2287	5078001917	0.05	L A CITY		Parcel Size
2288	5078001919	0.17	L A CITY		Parcel Size
2289	5078001921	0.17	L A CITY		Parcel Size
2290	5078002900	0.14	LA UNIFIED SCHOOL DIST		Parcel Size
2291	5078002901	0.14	LA UNIFIED SCHOOL DIST		Parcel Size
2292	5078002902	0.14	LA UNIFIED SCHOOL DIST		Parcel Size
2293	5078002903	0.14	LA UNIFIED SCHOOL DIST		Parcel Size
2294	5078002906	0.24	LA UNIFIED SCHOOL DIST		Parcel Size
2295	5078002907	0.14	LA UNIFIED SCHOOL DIST		Parcel Size
2296	5078002908	0.14	LA UNIFIED SCHOOL DIST		Parcel Size
2297	5078002909	0.14	LA UNIFIED SCHOOL DIST		Parcel Size
2298	5078012900	0.14	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2299	5078012901	0.14	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2300	5078017900	0.14	CRA LA		Parcel Size
2301	5078017901	0.14	CRA LA		Parcel Size
2302	5078019900	0.41	L A CITY DEPT OF WATER AND POWER		Tt excluded due to minimal tributary watershed area
2303	5078023900	0.14	L A UNIFIED SCHOOL DIS		Parcel Size
2304	5078023901	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2305	5078023902	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2306	5078023903	0.09	L A UNIFIED SCHOOL DIST		Parcel Size
2307	5078023904	0.05	L A UNIFIED SCHOOL DIST		Parcel Size
2308	5078023905	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2309	5078023906	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2310	5078023907	0.14	L A UNIFIED SCHOOL DIST		Parcel Size

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
2311	5078023908	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2312	5078023909	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2313	5078023910	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2314	5078023911	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2315	5078023912	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2316	5078023913	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2317	5078023914	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2318	5078023915	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2319	5078024911	0.03	L A UNIFIED SCHOOL DIST		Parcel Size
2320	5078024912	0.03	L A UNIFIED SCHOOL DIST		Parcel Size
2321	5078024913	0.07	L A UNIFIED SCHOOL DIST		Parcel Size
2322	5078024914	0.09	L A UNIFIED SCHOOL DIST		Parcel Size
2323	5078024915	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2324	5078024916	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2325	5078024917	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2326	5078024918	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2327	5078024919	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2328	5078024920	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2329	5078024921	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2330	5078024922	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2331	5078024923	0.19	L A UNIFIED SCHOOL DIST		Parcel Size
2332	5078024924	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2333	5078024925	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2334	5080012901	0.17	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2335	5080012902	0.18	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2336	5080012903	0.22	L A UNIFIED SCHOOL DIST		Parcel Size
2337	5080016900	0.28	L A CITY DEPT OF WATER AND POWER		Tt excluded due to minimal tributary watershed area
2338	5080016901	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2339	5080016902	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2340	5080016903	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2341	5080016904	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2342	5080016905	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2343	5080016906	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2344	5080016909	0.19	L A UNIFIED SCHOOL DIST		Parcel Size
2345	5080019900	0.10	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2346	5080019901	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2347	5080019902	0.10	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2348	5080019903	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2349	5080019904	0.09	L A UNIFIED SCHOOL DIST		Parcel Size
2350	5080019905	0.10	L A UNIFIED SCHOOL DIST		Parcel Size
2351	5080019906	0.10	L A UNIFIED SCHOOL DIST		Parcel Size
2352	5080019907	0.10	L A UNIFIED SCHOOL DIST		Parcel Size
2353	5080019908	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2354	5080019909	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2355	5080019910	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2356	5080019912	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2357	5080019913	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2358	5080019914	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2359	5080019915	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2360	5080019916	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2361	5080019917	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2362	5080019918	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2363	5080019919	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2364	5080019920	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2365	5080019922	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2366	5080019923	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2367	5080019924	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2368	5080023901	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2369	5080023902	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2370	5080023905	0.10	L A UNIFIED SCHOOL DIST		Parcel Size
2371	5081008900	0.30	LOS ANGELES LOMOD SOUTH INC	1224 S NORTON AVE	Tt excluded due to minimal tributary watershed area
2372	5081024902	0.08	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2373	5082007904	0.06	L A UNIFIED SCHOOL DIST		Parcel Size
2374	5082007905	0.10	L A UNIFIED SCHOOL DIST		Parcel Size
2375	5082007906	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
2376	5082007907	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2377	5082007908	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2378	5082007909	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2379	5082007911	0.12	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2380	5082007912	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2381	5082011904	0.10	L A CITY		Parcel Size
2382	5082011905	0.15	L A CITY		Parcel Size
2383	5082011906	0.16	L A CITY		Parcel Size
2384	5082026900	0.01	L A CITY S BY S		Parcel Size
2385	5083033900	0.75	L A CITY		Tt excluded due to minimal tributary watershed area
2386	5086016900	0.13	L A CITY DEPT OF WATER AND POWER		Parcel Size
2387	5087004900	1.57	U S POSTAL SERVICE	6101 W PICO BLVD	Tt excluded due to minimal tributary watershed area

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
2388	5088015900	0.20	L A CITY PARK		Parcel Size
2389	5088016900	0.21	L A CITY PARK		Parcel Size
2390	5088018901	0.11	L A CITY PARK		Parcel Size
2391	5088018904	0.11	L A CITY PARK		Parcel Size
2392	5088018908	0.34	L A CITY PARK		Tt excluded due to minimal tributary watershed area
2393	5090022900	0.00	L A CITY		Parcel Size
2394	5090032900	1.65	LACMTA		Tt excluded due to minimal tributary watershed area
2395	5092008907	0.22	L A UNIFIED SCHOOL DIST		Parcel Size
2396	5092008908	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2397	5092008909	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2398	5092008910	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2399	5092008911	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2400	5092008912	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2401	5092008913	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2402	5092008914	0.07	L A UNIFIED SCHOOL DIST		Parcel Size
2403	5092008916	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2404	5092008917	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2405	5092008918	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2406	5092011902	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2407	5092011903	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2408	5093006900	1.27	L A CITY	694 S OXFORD AVE	Tt excluded due to minimal tributary watershed area
2409	5094006900	0.16	LA UNIFIED SCHOOL DISTRICT		Parcel Size
2410	5094006901	0.16	LA UNIFIED SCHOOL DISTRICT		Parcel Size
2411	5094007900	0.33	L A UNIFIED SCHOOL DIST		Drain Proximity
2412	5114017901	0.02	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2413	5114017902	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2414	5114017903	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2415	5114017904	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2416	5114017905	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2417	5114017906	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2418	5114017907	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2419	5114017908	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2420	5114017909	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2421	5114017910	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2422	5114017911	0.27	L A UNIFIED SCHOOL DIST		Manually excluded - Local Knowledge/Feedback
2423	5114017912	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2424	5114017913	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2425	5114017914	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2426	5114017915	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2427	5114017916	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2428	5114017917	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2429	5114017918	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2430	5114017919	0.07	L A UNIFIED SCHOOL DIST		Parcel Size
2431	5114017920	0.05	L A UNIFIED SCHOOL DIST		Parcel Size
2432	5114017921	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2433	5114017923	0.28	L A UNIFIED SCHOOL DISTRICT		Manually excluded - Local Knowledge/Feedback
2434	5114024900	0.13	LOS ANGELES LOMOD SOUTH INC		Parcel Size
2435	5114036901	0.10	L A UNIFIED SCHOOL DIST		Parcel Size
2436	5114036904	0.09	L A UNIFIED SCHOOL DIST		Parcel Size
2437	5117001902	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
2438	5117001903	0.28	L A UNIFIED SCHOOL DIST		Manually excluded - Local Knowledge/Feedback
2439	5117001904	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2440	5117001907	0.13	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2441	5117001908	0.24	L A UNIFIED SCHOOL DIST		Parcel Size
2442	5118011900	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
2443	5118011901	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2444	5118012900	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2445	5118012901	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2446	5118012902	0.22	L A UNIFIED SCHOOL DIST		Parcel Size
2447	5118012903	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2448	5118012904	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2449	5118012905	1.15	L A UNIFIED SCHOOL DISTRICT		Manually excluded - Local Knowledge/Feedback
2450	5118012906	0.26	L A UNIFIED SCHOOL DISTRICT		Manually excluded - Local Knowledge/Feedback
2451	5118012907	0.04	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2452	5118012908	0.02	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2453	5118012909	0.16	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2454	5118012910	0.15	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2455	5118012911	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2456	5118012912	0.33	L A UNIFIED SCHOOL DIST		Manually excluded - Local Knowledge/Feedback
2457	5118012913	0.39	L A UNIFIED SCHOOL DIST		Manually excluded - Local Knowledge/Feedback
2458	5118014900	2.79	LACMTA		Manually excluded - Local Knowledge/Feedback
2459	5118014901	0.10	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2460	5118014902	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2461	5118014903	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2462	5118014904	0.08	L A UNIFIED SCHOOL DIST		Parcel Size
2463	5118014905	0.07	L A UNIFIED SCHOOL DIST		Parcel Size
2464	5118014906	0.16	L A UNIFIED SCHOOL DIST		Parcel Size

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
2465	5118014907	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
2466	5118014908	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
2467	5118014909	0.22	L A UNIFIED SCHOOL DIST		Parcel Size
2468	5118019900	0.05	L A CITY S BY S		Parcel Size
2469	5118021900	0.00	LACMTA		Parcel Size
2470	5118025903	0.17	LACMTA		Parcel Size
2471	5118025906	0.09	L A CO METROPOLITAN		Parcel Size
2472	5119004900	1.45	L A CITY PLAYGROUND		Manually excluded - Local Knowledge/Feedback
2473	5119012900	0.14	LOS ANGELES LOMOD SOUTH INC		Parcel Size, Drain Proximity
2474	5119016900	1.78	LACMTA		Manually excluded - Local Knowledge/Feedback
2475	5120002900	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2476	5120002901	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2477	5120002902	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2478	5120002903	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2479	5120002904	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2480	5120002905	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2481	5120002906	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2482	5120002907	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2483	5120002908	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2484	5120002909	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2485	5120002910	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2486	5120002911	0.09	L A UNIFIED SCHOOL DIST		Parcel Size
2487	5120002912	0.20	L A UNIFIED SCHOOL DIST		Parcel Size
2488	5120002913	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2489	5120002914	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2490	5120002915	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2491	5120002916	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2492	5120005900	0.83	LACMTA		Manually excluded - Local Knowledge/Feedback
2493	5120017900	0.06	LACMTA		Parcel Size
2494	5120017901	0.02	LACMTA		Parcel Size
2495	5120018900	0.68	LACMTA		Manually excluded - Local Knowledge/Feedback
2496	5122016907	5.08	L A COUNTY	2829 S GRAND AVE	Tt excluded due to minimal tributary watershed area
2497	5122017907	0.56	L A COUNTY	2829 S GRAND AVE	Tt excluded due to minimal tributary watershed area
2498	5122024900	0.07	STATE OF CALIFORNIA		Parcel Size
2499	5122024908	1.38	STATE OF CALIF		Manually excluded - Local Knowledge/Feedback
2500	5122024909	0.16	LACMTA		Parcel Size
2501	5123001900	0.91	COMMUNITY REDEVELOPMENT AGENCY	2600 S HOOVER ST	Tt excluded due to minimal tributary watershed area
2502	5123008909	0.34	COMMUNITY REDEVELOPMENT AGENCY		Tt excluded due to minimal tributary watershed area
2503	5123008911	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
2504	5124008901	0.16	L A CITY		Parcel Size
2505	5124008902	0.10	L A CITY		Parcel Size
2506	5124008903	0.08	L A CITY		Parcel Size
2507	5124008904	0.13	L A CITY		Parcel Size
2508	5124015900	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2509	5124015901	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
2510	5124015902	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
2511	5124015903	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
2512	5124015904	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
2513	5124015905	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
2514	5124017900	0.36	U S POSTAL SERVICE	819 W WASHINGTON BLVD	Tt excluded due to minimal tributary watershed area
2515	5126009900	0.53	L A COUNTY		Drain Proximity
2516	5126009901	0.35	L A COUNTY		Drain Proximity
2517	5126009902	0.17	L A COUNTY		Parcel Size, Drain Proximity
2518	5126009903	0.17	L A COUNTY		Parcel Size, Drain Proximity
2519	5126011900	0.41	LOS ANGELES COMMUNITY COLLEGE	419 W WASHINGTON BLVD	Tt excluded due to minimal tributary watershed area
2520	5126011901	0.15	LOS ANGELES COMMUNITY COLLEGE		Parcel Size
2521	5126011902	0.11	L A CO METROPOLITAN		Parcel Size
2522	5126014905	21.48	L A CITY COMMUNITY COLLEGE DIST	2100 S FLOWER ST	Tt excluded due to minimal tributary watershed area
2523	5126015902	1.21	L A CITY COMMUNITY COLLEGE DIST	322 W 21ST ST	Tt excluded due to minimal tributary watershed area
2524	5126015903	0.15	LA COMMUNITY COLLEGE DIST		Parcel Size
2525	5126015904	0.15	LA COMMUNITY COLLEGE DIST		Parcel Size
2526	5126015905	0.29	LA COMMUNITY COLLEGE DIST	2115 S GRAND AVE	Tt excluded due to minimal tributary watershed area
2527	5126015906	1.33	L A CITY COMMUNITY COLLEGE DIST		Tt excluded due to minimal tributary watershed area
2528	5126018912	0.22	L A UNIFIED SCHOOL DIST		Parcel Size
2529	5126018913	0.10	L A UNIFIED SCHOOL DIST		Parcel Size
2530	5126018914	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2531	5126018915	0.23	L A UNIFIED SCHOOL DIST		Parcel Size
2532	5126018918	0.23	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2533	5126018919	0.23	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2534	5126018920	0.23	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2535	5126018921	0.46	L A UNIFIED SCHOOL DIST		Drain Proximity
2536	5126018922	0.23	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2537	5126018923	0.59	L A UNIFIED SCHOOL DISTRICT		Drain Proximity
2538	5126021900	0.18	L A COMMUNITY COLLEGE DIST		Parcel Size
2539	5126021901	0.17	L A COMMUNITY COLLEGE DIST		Parcel Size
2540	5126021902	0.17	L A COMMUNITY COLLEGE DIST		Parcel Size
2541	5126021903	0.17	L A COMMUNITY COLLEGE DIST		Parcel Size

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
2542	5126021904	0.19	L A COMMUNITY COLLEGE DIST		Parcel Size
2543	5126021905	0.07	L A COMMUNITY COLLEGE DIST		Parcel Size
2544	5126021906	0.12	L A COMMUNITY COLLEGE DIST		Parcel Size
2545	5126021907	0.37	L A CITY COMMUNITY COLLEGE DIST	2324 S GRAND AVE	Tt excluded due to minimal tributary watershed area
2546	5126022900	0.31	LA COMMUNITY COLLEGE DIST	2200 S GRAND AVE	Tt excluded due to minimal tributary watershed area
2547	5126022901	0.31	L A COMMUNITY COLLEGE DISTRICT	2214 S GRAND AVE	Tt excluded due to minimal tributary watershed area
2548	5126022902	0.16	L A COMMUNITY COLLEGE DIST		Parcel Size
2549	5126022903	0.16	LOS ANGELES COMMUNITY COLLEGE		Parcel Size
2550	5126022904	0.09	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
2551	5126022905	0.18	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
2552	5126022906	0.09	L A COMMUNITY COLLEGE DIST		Parcel Size
2553	5126022907	0.18	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
2554	5126022908	0.19	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
2555	5126022909	0.19	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
2556	5126022910	0.16	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
2557	5126023900	0.20	LA COMMUNITY COLLEGE DIST		Parcel Size
2558	5126023901	0.08	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
2559	5126023902	0.40	LOS ANGELES COMMUNITY COLLEGE	2106 S GRAND AVE	Tt excluded due to minimal tributary watershed area
2560	5126023903	0.18	L A COMMUNITY COLLEGE DIST		Parcel Size
2561	5126023905	0.12	L A COMMUNITY COLLEGE DIST		Parcel Size
2562	5126024907	3.04	STATE OF CALIFORNIA	1945 S HILL ST	Tt excluded due to minimal tributary watershed area
2563	5126024908	0.42	L A COUNTY	1945 S HILL ST	Tt excluded due to minimal tributary watershed area
2564	5126025900	0.68	L A CITY COMMUNITY COLLEGE DIST	1956 S GRAND AVE	Tt excluded due to minimal tributary watershed area
2565	5126025901	0.10	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
2566	5126025902	0.10	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
2567	5126025903	0.20	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
2568	5126025904	0.20	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
2569	5126025905	0.13	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
2570	5126025906	0.13	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
2571	5126025908	0.13	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
2572	5126025909	0.20	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
2573	5126025910	0.13	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
2574	5126025911	0.13	L A CITY COMMUNITY COLLEGE DIST		Parcel Size
2575	5127001901	2.72	L A UNIFIED SCHOOL DIST		Manually excluded - Local Knowledge/Feedback
2576	5127002909	0.13	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2577	5127002910	0.13	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2578	5127002911	0.06	L A UNIFIED SCHOOL DIST		Parcel Size
2579	5127002912	0.22	L A UNIFIED SCHOOL DIST		Parcel Size
2580	5127002913	0.07	L A UNIFIED SCHOOL DIST		Parcel Size
2581	5127002915	0.10	L A UNIFIED SCHOOL DIST		Parcel Size
2582	5127008900	0.12	L A CITY		Parcel Size
2583	5127008901	0.11	L A CITY		Parcel Size
2584	5127008903	0.11	L A CITY		Parcel Size
2585	5127017900	0.00	L A CITY S BY S		Parcel Size
2586	5127017901	0.00	L A CITY S BY S		Parcel Size
2587	5127029901	0.09	L A UNIFIED SCHOOL DIST		Parcel Size
2588	5127029902	0.17	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2589	5127029903	0.16	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2590	5127029904	0.81	COMMUNITY REDEVELOPMENT AGENCY	1901 SANTEE ST	Tt excluded due to minimal tributary watershed area
2591	5128003900	0.30	L A CITY		Tt excluded due to minimal tributary watershed area
2592	5128014900	0.71	L A CITY		Manually excluded - Local Knowledge/Feedback
2593	5128014901	0.65	LACMTA		Manually excluded - Local Knowledge/Feedback
2594	5128015900	1.71	LACMTA	3010 S SAN PEDRO ST	Tt excluded due to minimal tributary watershed area
2595	5128021900	0.84	LACMTA		Tt excluded due to minimal tributary watershed area
2596	5128021901	0.55	LACMTA		Manually excluded - Local Knowledge/Feedback
2597	5129004905	0.04	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2598	5129004906	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
2599	5129004907	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
2600	5129004908	0.35	L A UNIFIED SCHOOL DIST		Manually excluded - Local Knowledge/Feedback
2601	5131006900	0.03	LACMTA		Parcel Size, Drain Proximity
2602	5131006901	0.13	LACMTA		Parcel Size, Drain Proximity
2603	5132028902	3.40	LACMTA		Manually excluded - Local Knowledge/Feedback
2604	5132029905	4.01	LACMTA		Manually excluded - Local Knowledge/Feedback
2605	5132029907	0.21	LACMTA		Parcel Size
2606	5133003902	1.47	STATE OF CALIF		Drain Proximity
2607	5133022902	1.70	L A CITY DEPT OF WATER AND POWER		Manually excluded - Local Knowledge/Feedback
2608	5133023902	1.53	L A CITY DEPT OF WATER AND POWER		Manually excluded - Local Knowledge/Feedback
2609	5133024901	1.42	L A CITY DEPT OF WATER AND POWER		Manually excluded - Local Knowledge/Feedback
2610	5133025904	1.92	L A CITY DEPT OF WATER AND POWER		Manually excluded - Local Knowledge/Feedback
2611	5133029904	4.03	L A UNIFIED SCHOOL DIST		Manually excluded - Local Knowledge/Feedback
2612	5134007913	0.01	COMMUNITY REDEVELOPMENT		Parcel Size
2613	5134007933	26.97	L A CITY		Tt excluded due to minimal tributary watershed area
2614	5134012900	0.18	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size, Drain Proximity
2615	5134012901	0.18	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size, Drain Proximity
2616	5134025900	0.34	L A CITY		Ownership, Drain Proximity
2617	5135017909	0.00	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2618	5135018900	0.32	L A CITY	1403 S UNION AVE	Tt excluded due to minimal tributary watershed area

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
2619	5135022900	0.13	CRA LA		Parcel Size
2620	5135023914	0.02	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2621	5135025901	0.21	L A CITY		Parcel Size
2622	5135025902	0.21	L A CITY		Parcel Size
2623	5135025903	0.21	L A CITY		Parcel Size
2624	5135025904	0.22	L A CITY		Parcel Size
2625	5136001900	0.07	L A CITY		Parcel Size
2626	5136012900	0.49	LOS ANGELES CITY		Drain Proximity
2627	5136012901	0.19	L A CITY		Parcel Size, Drain Proximity
2628	5136018902	0.50	COMMUNITY REDEVELOPMENT AGENCY		Drain Proximity
2629	5137007910	0.16	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2630	5137007912	0.23	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2631	5137007914	0.12	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2632	5137013907	0.25	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2633	5137013908	0.15	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2634	5137013910	0.35	COMMUNITY REDEVELOPMENT AGENCY		Tt excluded due to minimal tributary watershed area
2635	5137013911	0.64	COMMUNITY REDEVELOPMENT AGENCY	1413 W CONNECTICUT ST	Tt excluded due to minimal tributary watershed area
2636	5137015900	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2637	5137015901	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2638	5137015902	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2639	5137015903	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2640	5137015904	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
2641	5137015905	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
2642	5137015906	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2643	5137015907	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2644	5137015908	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
2645	5137015909	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2646	5137015910	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2647	5137020904	0.01	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2648	5137024924	3.38	COMMUNITY REDEVELOPMENT AGENCY	1119 ALBANY ST	Tt excluded due to minimal tributary watershed area
2649	5137024927	3.38	COMMUNITY REDEVELOPMENT AGENCY	1118 VALENCIA ST	Tt excluded due to minimal tributary watershed area
2650	5137025901	0.07	CRA LA		Parcel Size
2651	5137025902	0.04	CRA LA		Parcel Size
2652	5137025903	0.14	CRA LA		Parcel Size
2653	5137025904	0.03	CRA LA		Parcel Size
2654	5137030916	1.96	CRA LA	1423 W 012 ST	Tt excluded due to minimal tributary watershed area
2655	5138004900	0.35	L A CITY DEPT OF WATER AND POWER		Manually excluded - Local Knowledge/Feedback
2656	5138016908	1.10	L A CITY		Tt excluded due to minimal tributary watershed area
2657	5138016909	2.06	L A CITY		Tt excluded due to minimal tributary watershed area
2658	5138016912	20.59	L A CITY	1201 S FIGUEROA ST	Tt excluded due to minimal tributary watershed area
2659	5138016913	8.52	L A CITY	1111 S FIGUEROA ST	Tt excluded due to minimal tributary watershed area
2660	5138016914	3.23	L A CITY		Tt excluded due to minimal tributary watershed area
2661	5138025900	0.43	L A CITY	1258 S FIGUEROA ST	Tt excluded due to minimal tributary watershed area
2662	5138026900	0.17	LACMTA		Parcel Size
2663	5141001900	0.17	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2664	5141001901	0.17	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2665	5141001902	0.17	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2666	5141001903	0.22	COMMUNITY REDEVELOPMENT AGENCY		Parcel Size
2667	5141001904	0.47	COMMUNITY REDEVELOPMENT AGENCY	634 S ALVARADO ST	Tt excluded due to minimal tributary watershed area
2668	5141002900	0.56	LACMTA		Tt excluded due to minimal tributary watershed area
2669	5141002901	0.20	LACMTA		Parcel Size
2670	5141002902	0.40	LACMTA	676 S ALVARADO ST	Tt excluded due to minimal tributary watershed area
2671	5141002903	0.18	LACMTA		Parcel Size
2672	5141002904	0.40	LACMTA	660 S ALVARADO ST	Tt excluded due to minimal tributary watershed area
2673	5141008900	0.86	L A CITY HOUSING AUTHORITY	2600 WILSHIRE BLVD	Manually excluded - Local Knowledge/Feedback
2674	5141008901	0.40	L A CITY HOUSING AUTHORITY	690 S RAMPART BLVD	Tt excluded due to minimal tributary watershed area
2675	5141008902	0.16	L A CITY HOUSING AUTHORITY		Parcel Size
2676	5141016901	0.20	L A UNIFIED SCHOOL DIST		Parcel Size
2677	5141016904	0.19	L A UNIFIED SCHOOL DIST		Parcel Size
2678	5141016906	0.15	LA UNIFIED SCHOOL DISTRICT		Parcel Size
2679	5141016907	0.15	LA UNIFIED SCHOOL DISTRICT		Parcel Size
2680	5141016908	0.09	L A UNIFIED SCHOOL DIST		Parcel Size
2681	5141016909	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2682	5141016910	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2683	5141017906	0.00	L A CITY DEPT OF WATER AND POWER		Parcel Size
2684	5142002904	1.60	L A CO METROPOLITAN	1901 W 7TH ST	Tt excluded due to minimal tributary watershed area
2685	5142004900	0.33	L A CITY		Drain Proximity
2686	5142004901	0.24	L A CITY		Parcel Size, Drain Proximity
2687	5142006900	1.00	U S POSTAL SERVICE	1808 W 7TH ST	Tt excluded due to minimal tributary watershed area
2688	5142007900	0.35	L A CITY		Ownership
2689	5142007901	0.16	LACMTA		Ownership, Parcel Size
2690	5142007902	0.16	LACMTA		Ownership, Parcel Size
2691	5142012900	0.20	L A UNIFIED SCHOOL DIST		Parcel Size
2692	5142012901	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
2693	5142012902	0.20	L A UNIFIED SCHOOL DIST		Parcel Size
2694	5142012903	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2695	5142012904	0.11	L A UNIFIED SCHOOL DIST		Parcel Size

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
2696	5142012905	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
2697	5142012906	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2698	5142012907	0.16	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2699	5142012908	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2700	5142012909	0.08	L A UNIFIED SCHOOL DIST		Parcel Size
2701	5142012910	0.08	L A UNIFIED SCHOOL DIST		Parcel Size
2702	5142013900	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2703	5142013901	0.17	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2704	5142013902	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
2705	5142013903	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2706	5142013904	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2707	5142013905	0.11	LA UNIFIED SCHOOL DIST		Parcel Size
2708	5142013907	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2709	5142013908	0.11	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2710	5142013909	0.11	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2711	5142013910	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2712	5142013912	0.13	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2713	5142013913	0.32	L A CITY	1601 W 7TH ST	Tt excluded due to minimal tributary watershed area
2714	5142013914	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2715	5142013915	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2716	5142013916	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2717	5142015900	0.31	L A CITY DEPT OF WATER AND POWER		Drain Proximity
2718	5142019900	0.06	L A CITY		Parcel Size
2719	5142026900	0.08	LA UNIFIED SCHOOL DIST		Parcel Size
2720	5142026901	0.15	LA UNIFIED SCHOOL DIST		Parcel Size
2721	5142026902	0.15	LA UNIFIED SCHOOL DIST		Parcel Size
2722	5142026903	0.08	L A UNIFIED SCHOOL DIST		Parcel Size
2723	5142026904	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2724	5142026905	0.08	L A UNIFIED SCHOOL DIST		Parcel Size
2725	5142026907	0.08	L A UNIFIED SCHOOL DIST		Parcel Size
2726	5142026908	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2727	5142026909	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
2728	5142026910	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
2729	5142026911	0.08	LA UNIFIED SCHOOL DIST		Parcel Size
2730	5142026912	0.15	LA UNIFIED SCHOOL DIST		Parcel Size
2731	5142026913	0.12	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2732	5142026914	0.15	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2733	5142026916	0.08	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2734	5142026917	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2735	5142026918	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2736	5142026919	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2737	5142026920	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2738	5142026922	0.16	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2739	5142026923	0.16	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2740	5142026924	0.16	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2741	5142026925	0.16	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2742	5142026926	0.09	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2743	5142026927	0.16	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2744	5142026928	0.12	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2745	5142026929	0.16	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2746	5142026930	0.17	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2747	5142026931	0.16	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2748	5143004900	0.09	STATE OF CALIF		Parcel Size
2749	5143014900	0.11	LA UNIFIED SCHOOL DIST		Parcel Size
2750	5143014901	0.11	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2751	5143014902	0.11	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2752	5143014903	0.08	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2753	5143014904	0.08	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2754	5143014905	0.08	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2755	5143014906	0.08	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2756	5143014907	0.07	LA UNIFIED SCHOOL DISTRICT		Parcel Size
2757	5143014908	0.14	LA UNIFIED SCHOOL DISTRICT		Parcel Size
2758	5143014909	0.07	LA UNIFIED SCHOOL DISTRICT		Parcel Size
2759	5143014910	0.07	LA UNIFIED SCHOOL DISTRICT		Parcel Size
2760	5143014911	0.14	LA UNIFIED SCHOOL DISTRICT		Parcel Size
2761	5143016900	0.67	U S GOVT		Tt excluded due to minimal tributary watershed area
2762	5144009900	1.28			Manually excluded - Local Knowledge/Feedback
2763	5144009901	0.01			Parcel Size
2764	5144022900	0.67	STATE BAR OF CALIFORNIA		Manually excluded - Local Knowledge/Feedback
2765	5152001900	0.80	L A CITY		Drain Proximity
2766	5152004900	2.84	L A UNIFIED SCHOOL DIST		Drain Proximity
2767	5152004901	0.18	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2768	5152004902	0.37	LA UNIFIED SCHOOL DIST		Drain Proximity
2769	5152004903	0.19	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2770	5152005905	0.05	LA UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2771	5152005906	0.22	LA UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2772	5152005907	0.17	LA UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
2773	5153001900	4.40	L A UNIFIED SCHOOL DIST		Manually excluded - Local Knowledge/Feedback
2774	5153002900	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2775	5153002901	0.18	L A UNIFIED SCHOOL DIST		Parcel Size
2776	5153002902	0.23	L A UNIFIED SCHOOL DIST		Parcel Size
2777	5153002903	0.19	L A UNIFIED SCHOOL DIST		Parcel Size
2778	5153002904	0.19	L A UNIFIED SCHOOL DIST		Parcel Size
2779	5153012900	0.16	L A CITY		Parcel Size, Drain Proximity
2780	5153012901	0.16	L A CITY		Parcel Size, Drain Proximity
2781	5153013900	0.24	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2782	5153013901	0.22	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2783	5153013902	0.36	L A UNIFIED SCHOOL DIST		Drain Proximity
2784	5153013903	0.11	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2785	5153013905	0.11	L A UNIFIED SCHOOL DISTRICT		Parcel Size, Drain Proximity
2786	5153013907	0.11	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2787	5153013908	0.11	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2788	5153013909	0.14	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2789	5153013910	0.11	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2790	5153013911	0.16	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2791	5153017900	0.49	L A UNIFIED SCHOOL DIST		Drain Proximity
2792	5153017901	0.11	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2793	5153017902	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2794	5153017903	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2795	5153017904	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2796	5153020900	4.32	L A CITY		Tt excluded due to minimal tributary watershed area
2797	5153020901	0.70	L A CITY HOUSING AUTHORITY		Drain Proximity
2798	5153023900	0.08	L A UNIFIED SCHOOL DISTRICT		Parcel Size, Drain Proximity
2799	5153023901	0.17	LA UNIFIED SCHOOL DISTRICT		Parcel Size, Drain Proximity
2800	5153023902	0.12	L A UNIFIED SCHOOL DISTRICT		Parcel Size, Drain Proximity
2801	5153023903	0.17	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2802	5153023904	0.17	L A UNIFIED SCHOOL DISTRICT		Parcel Size, Drain Proximity
2803	5153023905	0.17	L A UNIFIED SHOOL DISTRICT		Parcel Size, Drain Proximity
2804	5153023906	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size, Drain Proximity
2805	5153023907	0.17	L A UNIFIED SCHOOL DISTRICT		Parcel Size, Drain Proximity
2806	5153023908	0.17	L A UNIFIED SCHOOL DISTRICT		Parcel Size, Drain Proximity
2807	5153023909	0.13	L A UNIFIED SCHOOL DISTRICT		Parcel Size, Drain Proximity
2808	5153023910	0.17	L A UNIFIED SCHOOL DISTRICT		Parcel Size, Drain Proximity
2809	5153023911	0.15	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2810	5153023912	0.47	L A UNIFIED SCHOOL DIST		Drain Proximity
2811	5153023913	0.17	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2812	5153023914	0.17	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2813	5153023915	0.15	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2814	5153023916	0.17	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2815	5153023917	0.17	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2816	5153025900	0.19	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2817	5153025901	0.21	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2818	5153025902	0.11	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2819	5153025903	0.20	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2820	5153025904	0.38	L A UNIFIED SCHOOL DIST		Drain Proximity
2821	5153025905	0.72	L A UNIFIED SCHOOL DIST		Drain Proximity
2822	5153025906	0.21	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2823	5153025907	0.27	L A UNIFIED SCHOOL DISTRICT		Drain Proximity
2824	5153025908	0.21	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2825	5153025909	1.24	L A UNIFIED SCHOOL DIST		Drain Proximity
2826	5153026901	0.15	CITY OF LOS ANGELES		Parcel Size, Drain Proximity
2827	5154004900	1.00	L A COUNTY	2020 BEVERLY BLVD	Tt excluded due to minimal tributary watershed area
2828	5154006900	0.29	L A COUNTY		Tt excluded due to minimal tributary watershed area
2829	5154036900	1.31	L A CITY		Tt excluded due to minimal tributary watershed area
2830	5154037900	0.16	NEW VISION ASSETS INC		Parcel Size
2831	5154037901	0.16	NEW VISION ASSETS INC		Parcel Size
2832	5154037902	0.16	NEW VISION ASSETS INC		Parcel Size
2833	5154038900	0.17	NEW VISION ASSETS INC		Parcel Size
2834	5154038901	0.16	NEW VISION ASSETS INC		Parcel Size
2835	5154038902	0.16	NEW VISION ASSETS INC		Parcel Size
2836	5155001900	0.00	LACMTA		Parcel Size
2837	5155008900	0.01	L A CITY		Parcel Size
2838	5155014901	0.01	L A CITY S BY S		Parcel Size
2839	5155025900	0.16	L A CITY		Parcel Size
2840	5156023911	1.74	L A CITY		Tt excluded due to minimal tributary watershed area
2841	5157014901	0.22	L A UNIFIED SCHOOL DIST		Parcel Size
2842	5157015901	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2843	5157015906	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2844	5157015907	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
2845	5157015908	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2846	5157015909	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
2847	5157018901	0.22	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2848	5157018902	0.22	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2849	5157018904	0.32	LOS ANGELES CITY		Tt excluded due to minimal tributary watershed area

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
2850	5401007900	0.34	LOS ANGELES LOMOD SOUTH INC		Drain Proximity
2851	5402002900	0.10	L A CITY		Parcel Size
2852	5402030900	0.17	L A CITY		Parcel Size, Drain Proximity
2853	5402030901	0.16	L A CITY		Ownership, Parcel Size, Drain Proximity
2854	5402035900	0.17	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2855	5402035901	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size, Drain Proximity
2856	5402035905	0.22	L A UNIFIED SCHOOL DIST		Parcel Size
2857	5402035906	0.19	LA UNIFIED SCHOOL DISTRICT		Parcel Size
2858	5402035908	0.10			Parcel Size, Drain Proximity
2859	5402036900	0.11	LA UNIFIED SCHOOL DIST.		Parcel Size, Drain Proximity
2860	5402036901	0.29	L A UNIFIED SCHOOL DIST		Drain Proximity
2861	5402036902	0.10	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2862	5402036903	0.11	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2863	5402036904	0.10	L A UNIFIED SCHOOL DISTRICT		Parcel Size, Drain Proximity
2864	5402036905	0.11	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2865	5402036906	0.10	L A UNIFIED SCHOOL DISTRICT		Parcel Size, Drain Proximity
2866	5402036907	0.11	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2867	5402036908	0.10	L A UNIFIED SCHOOL DISTRICT		Parcel Size, Drain Proximity
2868	5402036909	0.11	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2869	5402036910	0.08	LA UNIFIED SCHOOL DISTRICT		Parcel Size, Drain Proximity
2870	5402036911	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
2871	5424005900	1.83	L A UNIFIED SCHOOL DIST		Manually excluded - Local Knowledge/Feedback
2872	5424005902	0.17	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2873	5424005903	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
2874	5424005904	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
2875	5424005905	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2876	5424005906	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2877	5424005907	0.12	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2878	5424005908	0.17	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2879	5424005909	0.17	L A UNIFIED SCHOOL DISTRICT		Parcel Size, Drain Proximity
2880	5424006910	0.11	STATE OF CALIFORNIA		Parcel Size
2881	5425002900	0.01	L A CITY S BY S		Parcel Size
2882	5426007900	0.22	L A CITY PARK		Parcel Size
2883	5427017900	0.02	L A CITY		Parcel Size, Drain Proximity
2884	5427017901	0.02	L A CITY		Parcel Size, Drain Proximity
2885	5427018900	0.86	L A CITY		Drain Proximity
2886	5427018901	0.06	L A CITY		Parcel Size, Drain Proximity
2887	5427019900	8.19	L A CITY		Drain Proximity
2888	5429005900	0.00	L A CITY S BY S		Parcel Size
2889	5429022900	0.03	L A CITY		Parcel Size
2890	5433001900	0.19	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2891	5433001901	0.15	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2892	5433001902	0.15	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2893	5433002901	16.42	L A UNIFIED SCHOOL DIST		Drain Proximity
2894	5433003902	0.10	L A UNIFIED SCHOOL DIST		Parcel Size, Drain Proximity
2895	5433003903	0.55	L A UNIFIED SCHOOL DIST		Drain Proximity
2896	5434022900	9.71	L A CITY		Manually excluded - Local Knowledge/Feedback
2897	5439033900	0.88	L A CITY PLAYGROUND		Manually excluded - Local Knowledge/Feedback
2898	5501003900	0.04	L A CITY		Parcel Size
2899	5501003901	0.23	L A CITY		Parcel Size
2900	5501003902	0.16	L A CITY		Ownership, Parcel Size
2901	5501003903	0.11	L A CITY		Parcel Size
2902	5501003904	0.16	L A CITY		Ownership, Parcel Size
2903	5501004900	0.11	L A CITY		Parcel Size
2904	5501004902	0.39	L A CITY	200 SILVER LAKE BLVD	Manually excluded - Local Knowledge/Feedback
2905	5501010901	0.21	L A UNIFIED SCHOOL DIST		Parcel Size
2906	5501010902	0.18	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2907	5501010903	0.11	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2908	5501010905	0.07	L A UNIFIED SCHOOL DIST		Parcel Size
2909	5501010906	0.07	L A UNIFIED SCHOOL DIST		Parcel Size
2910	5501010908	0.14	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2911	5501014902	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2912	5501014903	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
2913	5501014904	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
2914	5501015900	0.04	L A CITY S BY S		Parcel Size
2915	5501016900	0.08	L A CITY S BY S		Parcel Size
2916	5501017901	0.25	L A UNIFIED SCHOOL DIST		Parcel Size
2917	5501020901	0.21	L A UNIFIED SCHOOL DIST		Parcel Size
2918	5502009900	0.33	L A COUNTY	433 S VERMONT AVE	Tt excluded due to minimal tributary watershed area
2919	5502009901	0.17	L A COUNTY		Parcel Size
2920	5502025900	0.56	LACMTA		Tt excluded due to minimal tributary watershed area
2921	5503030908	0.44	L A CO METROPOLITAN	3785 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
2922	5503030909	0.75	L A CO METROPOLITAN		Tt excluded due to minimal tributary watershed area
2923	5504008902	0.08	L A CITY		Parcel Size
2924	5504009900	0.03	L A CITY S BY S		Parcel Size
2925	5504017901	0.24	L A CITY		Ownership, Parcel Size
2926	5504017902	0.15	L A CITY		Parcel Size

Attachment F - Notes on Publicly-Owned Parcels which were not Nominated as Regional Project

No	AIN	Acres	Parcel Owner	Address	Notes on reason parcel not nominated as Regional Project
2927	5504017903	0.17	L A CITY		Parcel Size
2928	5504017904	0.17	L A CITY		Parcel Size
2929	5504017905	0.17	L A CITY		Parcel Size
2930	5504025900	0.03	LACMTA		Parcel Size
2931	5504026900	0.54	LACMTA		Tt excluded due to minimal tributary watershed area
2932	5504029900	0.78			Tt excluded due to minimal tributary watershed area
2933	5505008900	0.65	U S GOVT	465 S MUIRFIELD RD	Tt excluded due to minimal tributary watershed area
2934	5508007900	1.26	LACMTA	5301 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
2935	5508016901	23.11	L A COUNTY PARK	5905 WILSHIRE BLVD	Tt excluded due to minimal tributary watershed area
2936	5510006900	4.03	L A CITY		Manually excluded - Local Knowledge/Feedback
2937	5511007900	0.47	L A CITY		Tt excluded due to minimal tributary watershed area
2938	5511007902	0.15	L A CITY		Parcel Size
2939	5512004901	0.36	STATE OF CALIF		Manually excluded - Local Knowledge/Feedback
2940	5512004905	2.96	U S POSTAL SERVICE		Manually excluded - Local Knowledge/Feedback
2941	5512004909	0.08	L A CITY		Parcel Size
2942	5512004910	25.43	STATE OF CALIF		Manually excluded - Local Knowledge/Feedback
2943	5512006900	0.14	STATE OF CALIF		Parcel Size
2944	5512006901	0.14	STATE OF CALIF		Parcel Size
2945	5512007900	0.14	L A CITY		Parcel Size
2946	5512007901	0.14	L A CITY		Parcel Size
2947	5512007902	0.14	L A CITY		Parcel Size
2948	5512007903	0.14	L A CITY		Parcel Size
2949	5512007904	0.14	L A CITY		Parcel Size
2950	5512007905	0.14	L A CITY		Parcel Size
2951	5512007906	0.14	L A CITY		Parcel Size
2952	5512007911	0.19	STATE OF CALIF		Parcel Size
2953	5512007912	0.13	STATE OF CALIF		Parcel Size
2954	5512007913	0.14	L A CITY		Parcel Size
2955	5512025903	0.48	L A CITY DEPT OF WATER AND POWER		Tt excluded due to minimal tributary watershed area
2956	5512025904	0.37	L A CITY		Ownership
2957	5515018900	0.29	L A CITY		Drain Proximity
2958	5516021900	0.24	L A CITY		Parcel Size
2959	5517001900	1.49	U S POSTAL SERVICES		Tt excluded due to minimal tributary watershed area
2960	5517007913	0.19	L A UNIFIED SCHOOL DIST		Parcel Size
2961	5517007914	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2962	5517007915	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2963	5517008900	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
2964	5517008901	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2965	5517014901	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
2966	5518032901	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2967	5518032902	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2968	5518032903	0.17	L A UNIFIED SCHOOL DIST		Parcel Size
2969	5518032904	0.15	L A UNIFIED SCHOOL DIST		Parcel Size
2970	5518032905	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2971	5518032907	0.16	L A UNIFIED SCHOOL DIST		Parcel Size
2972	5518032908	0.19	L A UNIFIED SCHOOL DIST		Parcel Size
2973	5518032909	0.19	L A UNIFIED SCHOOL DIST		Parcel Size
2974	5518032910	0.19	L A UNIFIED SCHOOL DIST		Parcel Size
2975	5518032911	0.19	LA UNIFIED SCHOOL DIST		Parcel Size
2976	5518032912	0.19	LA UNIFIED SCHOOL DIST		Parcel Size
2977	5518032913	0.20	LA UNIFIED SCHOOL DIST		Parcel Size
2978	5520014901	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2979	5520014902	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2980	5520014903	0.14	L A UNIFIED SCHOOL DIST		Parcel Size
2981	5520014904	0.13	L A UNIFIED SCHOOL DIST		Parcel Size
2982	5520014905	0.13	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2983	5520014906	0.13	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2984	5520014907	0.13	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2985	5520014908	0.14	L A UNIFIED SCHOOL		Parcel Size
2986	5520014909	0.13	L A UNIFIED SCHOOL DISTRICT		Parcel Size
2987	5520018900	1.67	STATE OF CALIF	437 N VERMONT AVE	Tt excluded due to minimal tributary watershed area
2988	5520019900	0.21	LACMTA		Parcel Size
2989	5520019901	0.29	LACMTA	307 N VERMONT AVE	Tt excluded due to minimal tributary watershed area
2990	5520019902	0.08	LACMTA		Parcel Size
2991	5521032900	0.08	L A UNIFIED SCHOOL DIST		Parcel Size
2992	5521032901	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
2993	5521032902	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
2994	5521032903	0.12	L A UNITED SCHOOL DIST		Parcel Size
2995	5521032904	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
2996	5521032905	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
2997	5521032906	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
2998	5521032907	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
2999	5521032908	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
3000	5521032909	0.12	L A UNIFIED SCHOOL DIST		Parcel Size
3001	5521032910	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
3002	5521032911	0.11	L A UNIFIED SCHOOL DIST		Parcel Size
3003	5521032912	0.11	L A UNIFIED SCHOOL DIST		Parcel Size

Appendix 4.C
Engineering and Environmental Feasibility for Selected Regional Project Sites

DRAFT TECHNICAL MEMORANDUM

ENGINEERING AND ENVIRONMENTAL FEASIBILITY FOR SELECTED REGIONAL PROJECT SITES

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PREPARED FOR

Ballona Creek Watershed Management Group

FEBRUARY 2015

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APPENDICES

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1 Background

The purpose of this technical memorandum is to describe the findings of the additional engineering and environmental feasibility reviews of the nine regional project sites selected by the Ballona Creek (BC) Watershed Management Group (WMG). The selection of eight of the nine project sites is documented in *Regional Project Section Process and Preliminary List of Projects,* October 2014. The ninth project site, Ladera Park, was previously identified by Los Angeles County (County) using a separate selection process. The concepts developed for all project sites will be included in the Enhanced Watershed Management Plan (EWMP) to be submitted to the Regional Water Quality Control Board (Regional Board) in June 2015.

The following sections present the methodology employed to evaluate the nine regional project locations for engineering and environmental feasibility.

2 Evaluation Methodology

The nine selected BC project sites underwent further evaluations to determine the engineering and environmental feasibility of constructing regional best management practice (BMP) projects at these locations. Evaluations included various desktop analyses, field investigations, hydrologic modeling, and discussions with project stakeholders. The evaluation methodology is summarized in the following sections.

2.1 COMPILE MAPPING, STORM DRAINAGE, AND WATERSHED INFORMATION

Initial evaluation efforts focused on compiling information on the surrounding storm drain system and contributing watershed area for each project site. Storm drain data was obtained from the City of Los Angeles's geographic information system (GIS) data, GIS data from Los Angeles County, as-built record drawings provided on NavigateLA, and other as-built record drawings provided by individual member agencies. NavigateLA is a web-based mapping application that delivers maps and reports based on data supplied by various City departments, Los Angeles County, and Thomas Brothers maps. Storm drain sizes and invert elevations were noted from the available data. This assessment of the surrounding storm drain network provided insight into the typical flow volumes experienced and the feasibility of intercepting the flows at the project locations. Storm drain connectivity upstream of the project sites was also reviewed in conjunction with available contour data. This analysis led to identifying the contributing watershed area, or drainage area, for each project site.

Detailed information compiled from this initial desktop evaluation, such as relevant storm drain depths and critical watershed divides, was plotted on maps suitable for review during the field investigations. These maps are provided in Appendix E and corresponding data for the BMP Site Data Points are included with the field investigation notes in Appendix B.

2.2 CONDUCT DESKTOP EVALUATION OF INFILTRATION POTENTIAL

A desktop evaluation of the infiltration potential of all of the sites was conducted utilizing Natural Resource Conservation Service (NRCS) soil type data made available by the County GIS Data Portal. The spatial dataset identified the soil class and soil type for all areas within Los Angeles County. NRCS-accepted infiltration rates were assumed for each soil type and used to calculate a single aggregate infiltration rate for each project site. This aggregate infiltration rate was calculated by multiplying the accepted infiltration rate for each soil type by the percent of total area of that soil type within the project site. The results of this soils analysis are summarized below in Table 2.2-1. Further details are provided in Appendix A.

Table 2.2-1 Infiltration Analysis Summary

Project Site ID	Site Description	Aggregate Infiltration Rate (in/hr)
BH01	La Cienega Park / Frank Fenton Field	0.06
CC01	Culver Boulevard Median	0.30
IG01	Edward Vincent Jr. Park	0.30
LA10	Rancho Park Golf Course	0.29
WH01	Plummer Park	0.51
LA19	Queen Anne Recreation Center	0.23
LA04	Lafayette Park	0.30
LA18	Poinsettia Park	0.06
LC01	Ladera Park	0.06

2.3 CONDUCT FIELD INVESTIGATIONS TO ASSESS INITIAL OPPORTUNITY AREAS

Field investigations for eight of the nine selected BC project sites were conducted on October 16, 2014. All site visits were attended by City of Los Angeles staff, the environmental consulting team member from EnviCraft LLC, and engineering consulting team members from Black & Veatch. In some cases, operations staff or community members were engaged in discussions in the field to learn more about the selected project site. County staff performed field investigations for Ladera Park and provided necessary data and observations.

The primary objective of the field investigations was to identify the most practical project opportunity areas given each project site's existing layout and facilities. Project opportunity areas refer to a sub-area(s) within the selected project site boundary that can best accommodate the construction or implementation of the proposed BMP. In general, project opportunity areas avoided spaces posing constructability issues; established facilities such as lighted, fenced tennis courts; or environmental issues such as disturbing mature heritage trees. Findings of these field investigations for each project site are presented in the project concepts, site maps, and calculations provided in Section 3.

The project team prepared several documents that describe the findings of the field investigations, including Field Investigation Notes, data on surrounding infrastructure (BMP Site Data Points), Initial Study/Environmental Constraints Evaluation, and a Summary of Environmental Constraints. These documents are provided in Appendix B. The attribute data for surrounding infrastructure (invert elevations, diameter, ground elevation, etc.) was obtained from available record drawings on NavigateLA. Site maps presented in Appendix E include the locations of the BMP Site Data Points.

2.4 COMPILE SITE DATA AND DEVELOP BASIC BMP PARAMETERS

Findings from the field investigations were distributed to and discussed with watershed group members. Follow-up meetings were scheduled as necessary to continue to refine project concepts

and define basic BMP parameters. These basic parameters included the type of BMP, available BMP capacity or volume, and the expected runoff volume.

The type of BMP proposed at each project site falls into one of the structural BMP subcategories based on its major function. The subcategories and example BMP types are listed below. BMP types for each project site were selected based on the findings from the desktop analyses and field investigations, and input from project stakeholders. The proposed BMP type for each site is described in Section 3.

- Infiltration BMP – surface infiltration basin, subsurface infiltration gallery
- Detention BMP – surface detention basin, subsurface detention gallery
- Constructed Wetland BMP – constructed wetlands, flow-through/linear wetland
- Treatment Facility BMP – facilities designed to treat runoff from and return it to the receiving water
- Low Flow Diversion BMP – facilities designed to divert dry weather flows to the sanitary sewer

The available BMP capacity or volume was calculated based on the estimated BMP depth and project opportunity area (or BMP footprint) at each project site. BMP depths were identified based on groundwater level and practical depth per BMP type. The City provided 10-foot groundwater contour data which was used to identify the approximate groundwater elevation within the BMP opportunity areas. A minimum of a 5-foot buffer was assumed between the groundwater elevation and bottom of BMP. The proposed opportunity area at each site was reviewed with project stakeholders and thus was carried forward in the available BMP volume calculations. The identified BMP depth was multiplied by the opportunity area to estimate a maximum practical BMP volume available for each project site. This volume will be used to retain, infiltrate, or treat stormwater runoff. BMP estimated depths, opportunity areas, and available volume calculations are presented for each project site in Section 3.

In order to determine if the available BMP volume at each project site is adequate to meet the EWMP Permit requirements, the 85th percentile runoff volume had to be determined for each project site and compared to the feasible BMP capacity. Runoff volumes were estimated using a hydrologic model and providing drainage area parameters for each site. Findings from previous desktop analyses and field investigations showed that most sites appeared to have a larger watershed area tributary to the site (by intercepting flow in a channel or larger pipe), as well as a somewhat smaller tributary watershed area (by intercepting flow in a smaller pipe). Thus, a maximum drainage area and an alternative (or minimum) drainage area were identified for all sites except Poinsettia Park. A smaller tributary watershed could not be isolated at this location, so only the maximum drainage area was used to calculate the 85th percentile runoff volume. The hydrologic model was run to estimate the 85th percentile runoff volume for each project site using both maximum and alternative drainage areas. The maximum and alternative drainage areas, and associated 85th percentile runoff volumes, are presented for each site in Section 3. In many cases, the entire design storm for the maximum watershed area could be accommodated with the proposed BMP size; however, in other cases, the smaller watershed area did not fully utilize the BMP size. These results were discussed with the team and a scheme was developed to determine the optimal BMP size for each project site. This optimization process is described in the next section.

2.5 REFINE AND OPTIMIZE BMP PARAMETERS

The hydrologic modeling approach utilized in this engineering and environmental feasibility analysis to optimize BMP parameters was discussed and confirmed with the WMG members. Under this approach, the hydrologic model was used to determine the 85th percentile peak flow resulting from the maximum drainage area and alternative drainage area for each project site. The model also considered a range of diversion scenarios in an effort to optimize the proposed BMP volume at each site. The hydrologic model was used to simulate the following diversion scenarios for both maximum and alternative drainage areas for each project site:

- Routing all flow through the proposed BMP
- Routing only the 85th percentile 24-hour storm event through the proposed BMP
- Routing flows from a 20 cubic feet per second (cfs) diversion through the proposed BMP

Routing the various storm sizes through the model allows project stakeholders to make more informed decisions to optimize the benefits of the proposed BMPs. For instance, a BMP that can accommodate all of the flow from its drainage area may be larger than required by the EWMP Permit, but it may take advantage of economy of scale construction costs and provide greater watershed benefits. On the other hand, if sizing limitations prevent a proposed BMP from being able to receive the 85th percentile storm event as required by the EWMP Permit, it can still provide the benefits of a regional BMP project, but at a smaller scale. A 20 cfs diversion was assumed to define the lower limit of the diversion scenarios as it generally represents a maximum realistic pumped flow rate.

Based on the available volume of the proposed BMP and the runoff volume estimated for the three diversion scenarios (for both maximum and alternative drainage areas), a maximum cost-effective BMP size was determined for each project site. Full graphical and tabular results of the optimization are presented in Appendix D. A summary of the optimization parameters and recommendations for each project site are presented in Section 3.

3 Project Concepts

Concepts for the eight regional project sites are presented in this section. The following items are included for each project site:

- A fact sheet with a summary description of the recommended BMP project; BMP parameters; and a description of potential benefits
- A figure showing a plan view of the project site, showing the identified BMP opportunity area(s) and surrounding storm drain infrastructure
- A figure showing a plan view of the maximum and alternative drainage areas delineated for the project site

The fact sheet for each project site includes a table summarizing key design parameters for the BMP. The items presented in the summary tables are defined below.

Project Site Parameters	**Total (Maximum) Drainage Area**	The area in acres of the maximum drainage area delineated for each project site. The drainage area delineation is described in Section 2.
	Alternative (Minimum) Drainage Area	The area in acres of the alternative drainage area delineated for each project site. The drainage area delineation is described in Section 2.
	Maximum Required BMP Volume	The BMP volume in acre-feet that is required to retain the 85th percentile design storm volume generated from the maximum drainage area.
	Alternative Required BMP Volume	The BMP volume in acre-feet that is required to retain the 85th percentile design storm volume generated from the alternative drainage area.
	Groundwater Depth	The groundwater depth in feet from the ground surface. Groundwater depths were determined using groundwater contours and ground elevation GIS data provided by the City.
BMP Design Parameters	**BMP Opportunity Area**	The area in acres of the BMP opportunity area(s) identified during the field investigations and follow-up discussions. This process is described in Section 2.
	Recommended Maximum BMP Depth	The depth in feet of the recommended BMP project. This depth is based on groundwater depth and practical project design characteristics, as discussed in Section 2.
	Available BMP Volume	The BMP volume in acre-feet that is potentially available at the project site. This volume is based on the BMP opportunity area and recommended depth presented above, as discussed in Section 2.
	Recommended Active BMP Volume	The recommended BMP volume in acre-feet. This volume is recommended based on the hydrologic modeling and optimization results as discussed in Section 2.

3.1 LA CIENEGA PARK / FRANK FENTON FIELD

La Cienega Park and Frank Fenton Field are both located within the City of Beverly Hills in an area that drains to Ballona Creek. The park is owned and operated by the City of Beverly Hills. The parks consist of a community center, tennis courts, a playground, a running track and several active recreational fields. The potential BMP is proposed as a below-ground retention/infiltration basin situated beneath sports fields on the south and east portions of the park.

The maximum drainage area for this project site is approximately 7,776 acres. After review of available site opportunities and surrounding infrastructure, a smaller (alternative) drainage area was delineated, encompassing approximately 578 acres.

After reviewing the hydrologic model results and estimated runoff volumes for the various diversion scenarios, it was determined that a retention/infiltration BMP sized to accommodate the 85th percentile, 24-hour storm event runoff contributed from the alternative drainage area is best suited for this project site. As a result, the recommended active volume of the BMP is 24.0 acre-feet.

Table 3.1-1 summarizes key conceptual design parameters of the BMP. A map of the project site including key infrastructure and highlight BMP opportunity areas is provided in Appendix E. A map of the total (maximum) and alternative (minimum) tributary drainage areas can be found in Appendix F.

Table 3.1-1 Summary of La Cienega Park/Fenton Field (BH01)

Table 3.1-1 Summary of La Cienega Park / Frank Fenton Field (BH01)		
Project Site Parameters	Total (Maximum) Drainage Area	7,776 ac
	Alternative (Minimum) Drainage Area	578 ac
	Maximum Required BMP Volume	352 ac-ft
	Alternative Required BMP Volume	24 ac-ft
	Groundwater Depth	25 ft
BMP Design Parameters	BMP Opportunity Area	6.4 ac
	Recommended Maximum BMP Depth	8 ft
	Available BMP Volume	51.3 ac-ft
	Recommended Active BMP Volume	**24 ac-ft**

In addition to the volumetric features summarized above, it is envisioned that this site would feature the following potential benefits:

- Drains an urbanized area
- Stormwater capture and some infiltration
- Stormwater quality improvement via pre-treatment, retention, and infiltration
- Water harvested can be utilized for a significant amount of on-site irrigation

3.2 CULVER BOULEVARD MEDIAN

The Culver Boulevard Median site is located within Culver City in an area that drains to Ballona Creek. The site is located within public right-of-way along Culver Boulevard between Huron Avenue and Sepulveda Boulevard. The site will primarily make use of an abandoned rail corridor from a former light rail system within the median of Culver Boulevard. The potential BMP is proposed as a below-ground retention/infiltration basin situated beneath the median.

The maximum drainage area for this project site is approximately 829 acres. After review of available site opportunities and surrounding infrastructure, a smaller (alternative) drainage area was delineated, encompassing approximately 139 acres.

After reviewing the hydrologic model results and estimated runoff volumes for the various diversion scenarios, it was determined that a retention/infiltration BMP at this site cannot accommodate the 85th percentile, 24-hour design storm runoff contributed from the maximum drainage area. As a result, the recommended active volume of the BMP is 29.2 acre-feet. This optimized project size allows for maximizing the treatment volume while staying below the point of diminishing returns. The optimization curve is presented in Appendix D.

Table 3.2-1 summarizes key conceptual design parameters of the BMP. A map of the project site including key infrastructure and highlight BMP opportunity areas is provided in Appendix E. A map of the total (maximum) and alternative (minimum) tributary drainage areas can be found in Appendix F.

Table 3.2-1 Summary of Culver Boulevard Median (CC01)

Table 3.2-1 Summary of Culver Boulevard Median (CC01)		
Project Site Parameters	Total (Maximum) Drainage Area	829 ac
	Alternative (Minimum) Drainage Area	139 ac
	Maximum Required BMP Volume	41 ac-ft
	Alternative Required BMP Volume	5.6 ac-ft
	Groundwater Depth	53 ft
BMP Design Parameters	BMP Opportunity Area	2.2 ac
	Recommended Maximum BMP Depth	15 ft
	Available BMP Volume	33.7 ac-ft
	Recommended Active BMP Volume	**29.2 ac-ft**

In addition to the volumetric features summarized above, it is envisioned that this site would feature the following potential benefits:

- Drains an urbanized area
- Stormwater capture and some infiltration
- Stormwater quality improvement via pre-treatment, retention, and infiltration
- Water harvested can be utilized on-site irrigation

3.3 EDWARD VINCENT JR. PARK

Edward Vincent Jr. Park is located within the City of Inglewood in an area that drains to Centinela Creek. The park is owned and maintained by the City of Inglewood. The park consists of a recreation center, community pool, sports courts, active recreational fields and a large amount of open turf areas with some trees. The potential BMP type is being considered for above-ground retention/infiltration basin at the west side of the park. It had been discussed that the low point of the park could possibly be utilized as a biofiltration/wetlands area.

The maximum drainage area for this project site is approximately 983 acres. After review of the available site information and surrounding infrastructure, a smaller (alternative) drainage area was delineated, encompassing approximately 453 acres.

After reviewing the hydrologic model results and estimated runoff volumes for the various diversion scenarios, it was determined that this site is suitable for an above-ground retention/infiltration BMP sized to accommodate more than the 85th percentile design storm runoff volume contributed from the maximum drainage area. As a result, the recommended active volume of the BMP is 45.7 acre feet.

Table 3.3-1 summarizes key conceptual design parameters of the BMP. A map of the project site including key infrastructure and highlight BMP opportunity areas is provided in Appendix E. A map of the total (maximum) and alternative (minimum) tributary drainage areas can be found in Appendix F.

Table 3.3-1 Summary of Edward Vincent Jr. Park (IG01)

Table 3.3-1 Summary of Edward Vincent Jr. Park (IG01)		
Project Site Parameters	Total (Maximum) Drainage Area	983 ac
	Alternative (Minimum) Drainage Area	453 ac
	Maximum Required BMP Volume	31.5 ac-ft
	Alternative Required BMP Volume	11 ac-ft
	Groundwater Depth	180 ft
BMP Design Parameters	BMP Opportunity Area	6.3 ac
	Recommended Maximum BMP Depth	10 ft
	Available BMP Volume	63 ac-ft
	Recommended Active BMP Volume	**45.7 ac-ft**

In addition to the volumetric features summarized above, it is envisioned that this site would feature the following potential benefits:

- Drains an urbanized area
- Stormwater capture and some infiltration
- Stormwater quality improvement via pre-treatment, retention, and infiltration
- Surface water can be utilized for aesthetic and other community benefits
- Water harvested can be utilized for a significant amount of on-site irrigation

3.4 RANCHO PARK GOLF COURSE

Rancho Park Golf Course is located within the City of Los Angeles in an area that drains to the Sepulveda Channel. The site consists of an 18-hole golf course, a driving range, a club house, and several active recreational fields. The potential BMP type is proposed as a below-ground retention/infiltration basin situated beneath sports fields on the east side of the facility. The City is supportive of another potential BMP type that is proposed for the west side of the park which is an above-ground retention/infiltration basin in an area currently utilized for some staging and storage.

The maximum drainage area for this project site is 7,273 acres. This maximum drainage area includes the watershed draining to Benedict Canyon, located less than two miles to the east of the identified BMP opportunity area. After review of available site information and surrounding infrastructure data, a smaller (alternative) drainage area was delineated, encompassing approximately 359 acres.

After reviewing the hydrologic model results and estimated runoff volumes for the various diversion scenarios, it was determined that this site is best suited for a proposed retention/infiltration BMP, sized to accommodate the 85th percentile design storm volume contributed from the alternative drainage area. As a result, the recommended active volume of the BMP is 11.6 acre feet. It should be noted that the City is considering a project to divert dry weather flows from nearby Benedict Canyon to be treated at this project site. The recommended active volume presented below does not include the potential diversion of dry weather flows from Benedict Canyon.

Table 3.4-1 summarizes key conceptual design parameters of the BMP. A map of the project site including key infrastructure and highlight BMP opportunity areas is provided in Appendix E. A map of the total (maximum) and alternative (minimum) tributary drainage areas can be found in Appendix F.

Table 3.4-1 Summary of Rancho Park Golf Course (LA10)

Table 3.4-1 Summary of Rancho Park Golf Course (LA10)		
Project Site Parameters	Total (Maximum) Drainage Area	7,273 ac
	Alternative (Minimum) Drainage Area	359 ac
	Maximum Required BMP Volume	181.4 ac-ft
	Alternative Required BMP Volume	7.7 ac-ft
	Groundwater Depth	50 ft
BMP Design Parameters	BMP Opportunity Area	15.5 ac
	Recommended Maximum BMP Depth	26 ft
	Available BMP Volume	403 ac-ft
	Recommended Active BMP Volume	**11.6 ac-ft**

In addition to the volumetric features summarized above, it is envisioned that this site would feature the following potential benefits:

- Drains an urbanized area
- Stormwater capture and some infiltration
- Stormwater quality improvement via pre-treatment, retention, and infiltration
- Surfaced water can be utilized for aesthetic and other community benefits
- Water harvested can be utilized for a significant amount of on-site irrigation
- Treatment of dry weather runoff from nearby Benedict Canyon

3.5 PLUMMER PARK

Plummer Park is located within the City of West Hollywood in an area that drains to Benedict Canyon. The park consists of a community center, tennis courts, war memorial, and several wooded areas with mature trees. The potential BMP type is proposed as a below-ground retention/infiltration basin situated beneath a parking lot on the north side of the park.

The maximum drainage area for this project site is approximately 389 acres. After review of available site information and surrounding infrastructure data, a smaller (alternative) drainage area was delineated, encompassing approximately 283 acres.

After reviewing the hydrologic model results and estimated runoff volumes for the various diversion scenarios, it was determined that this site is not suited for accommodating the 85th percentile design storm runoff volume contributed from the smaller alternative drainage area. As a result, a BMP implemented at this site will provide important water quality benefits; however, it will not qualify as a regional project site.

Table 3.5-1 summarizes key conceptual design parameters of the BMP. A map of the project site including key infrastructure and highlight BMP opportunity areas is provided in Appendix E. A map of the total (maximum) and alternative (minimum) tributary drainage areas can be found in Appendix F.

Table 3.5-1 Summary of Plummer Park (WH01)

Table 3.5-1 Summary of Plummer Park (WH01)		
Project Site Parameters	Total (Maximum) Drainage Area	389 ac
	Alternative (Minimum) Drainage Area	283 ac
	Maximum Required BMP Volume	13 ac-ft
	Alternative Required BMP Volume	9.3 ac-ft
	Groundwater Depth	13 ft
BMP Design Parameters	BMP Opportunity Area	0.9 ac
	Recommended Maximum BMP Depth	8 ft
	Available BMP Volume	7.2 ac-ft
	Recommended Active BMP Volume	**7.2 ac-ft**

In addition to the volumetric features summarized above, it is envisioned that this site would feature the following potential benefits:

- Drains an urbanized area
- Stormwater capture and some infiltration
- Stormwater quality improvement via pre-treatment, retention, and infiltration
- Water harvested can be utilized for on-site irrigation

3.6 QUEEN ANNE RECREATION CENTER

The Queen Anne Recreation Center is located in the City of Los Angeles in an area that drains to Ballona Creek. Park facilities include an auditorium, barbecue pits, two softball diamonds, basketball courts, a playground, picnic area, restrooms, and tennis courts. The potential BMP type proposed is a below-ground retention/infiltration basin situated beneath the softball diamonds and open field space in the central portion of the parcel.

The maximum drainage area for this project site is approximately 8,537 acres. After review of available site information and surrounding infrastructure, a smaller (alternative) drainage area was delineated, encompassing approximately 3,067 acres.

After reviewing the hydrologic model results and estimated runoff resulting from the various diversion scenarios, it was determined that this location cannot accommodate the 85th percentile design storm flows from smaller alternative drainage area. Thus, it is recommended that the BMP be sized for retention/infiltration of approximately 11.6 ac-ft of runoff, which will be conveyed to the BMP via a 20 cfs pumped diversion. 20 cfs is viewed as a maximum realistic peak pumped flowrate, as discussed in Section 2.

Table 3.6-1 summarizes key conceptual design parameters of the BMP proposed at the Queen Anne Recreation Center. A map of the project site including key infrastructure and highlight BMP opportunity areas is provided in Appendix E. A map of the total (maximum) and alternative (minimum) tributary drainage areas can be found in Appendix F.

Table 3.6-1 Summary of Queen Anne Recreation Center (LA05)

Table 3.6-1 Summary of Queen Anne Recreation Center (LA05)		
Project Site Parameters	Total (Maximum) Drainage Area	8,537 ac
	Alternative (Minimum) Drainage Area	3,067 ac
	Maximum Required BMP Volume	397.3 ac-ft
	Alternative Required BMP Volume	141.7 ac-ft
	Groundwater Depth	45 ft
BMP Design Parameters	BMP Opportunity Area	2.1 ac
	Recommended Maximum BMP Depth	20 ft
	Available BMP Volume	42 ac-ft
	Recommended Active BMP Volume	**11.6 ac-ft**

In addition to the volumetric features summarized above, it is envisioned that this site would feature the following potential benefits:

- Drains an urbanized area
- Stormwater capture and some infiltration
- Stormwater quality improvement via pre-treatment, retention, and infiltration
- Water harvested can be utilized for a significant amount of on-site irrigation

3.7 LAFAYETTE PARK

Lafayette Park is located in the City of Los Angeles in an area that drains to Ballona Creek. Park facilities include an auditorium, basketball courts, a playground, community room, picnic tables, an indoor-style soccer field, tennis courts, and a skate park. The potential BMP type is proposed as a below-ground retention/infiltration basin situated beneath the basketball court and picnic area in the north/center portion of the parcel and the wooded walkway area in the southwestern portion of the parcel.

The maximum drainage area for this project site is approximately 2,864 acres. After review of available site information and surrounding infrastructure, a smaller (alternative) drainage area was delineated, encompassing approximately 637 acres.

After reviewing the hydrologic model results and estimated runoff volume for the various diversion scenarios, it was determined that this project site cannot accommodate the retention/infiltration of the 85th percentile design storm flows contributed from the smaller alternative drainage area. As a result, the recommended active volume of the BMP is 18.0 acre feet. The recommended size has been optimized to allow for maximizing the project volume while staying below the point of diminishing returns. Optimization curves are provided in Appendix D.

Table 3.7-1 summarizes key conceptual design parameters of the BMP proposed at Lafayette Park. A map of the project site including key infrastructure and highlight BMP opportunity areas is provided in Appendix E. A map of the total (maximum) and alternative (minimum) tributary drainage areas can be found in Appendix F.

Table 3.7-1 Summary of Lafayette Park (LA04)

Table 3.7-1 Summary of Lafayette Park (LA04)		
Project Site Parameters	Total (Maximum) Drainage Area	2,864 ac
	Alternative (Minimum) Drainage Area	637 ac
	Maximum Required BMP Volume	143.5 ac-ft
	Alternative Required BMP Volume	30.4 ac-ft
	Groundwater Depth	20 ft
BMP Design Parameters	BMP Opportunity Area	2.5 ac
	Recommended Maximum BMP Depth	10 ft
	Available BMP Volume	25 ac-ft
	Recommended Active BMP Volume	**18.0 ac-ft**

In addition to the volumetric features summarized above, it is envisioned that this site would feature the following potential benefits:

- Drains an urbanized area
- Stormwater capture and some infiltration
- Stormwater quality improvement via pre-treatment, retention, and infiltration
- Water harvested can be utilized for a significant amount of on-site irrigation

3.8 POINSETTIA PARK

Poinsettia Park is located in the City of Los Angeles in an area that drains to Ballona Creek. Park facilities include two softball diamonds, basketball courts, children's play area, handball courts, and tennis courts. The potential BMP type is proposed as a below-ground retention/infiltration basin situated beneath the softball diamonds and open field space in the northwest corner of the park.

The maximum drainage area for this project site is approximately 1,379 acres. After review of the upstream storm drainage system for this site, it was determined that a smaller alternative drainage area could not be isolated.

After reviewing the hydrologic model results and given the area and depth available for BMP opportunities at this site, it was determined that this location cannot accommodate the 85th percentile flows from the maximum drainage area. Thus, it is recommended that the BMP be sized for retention/infiltration of approximately 10.1 ac-ft of runoff, which will be conveyed to the BMP via a 20 cfs pumped diversion.

Table 3.8-1 summarizes key conceptual design parameters of the BMP proposed at Poinsettia Park. A map of the project site including key infrastructure and highlight BMP opportunity areas is provided in Appendix E. A map of the total (maximum) tributary drainage area can be found in Appendix F.

Table 3.8-1 Summary of Poinsettia Park (LA18)

Table 3.8-1 Summary of Poinsettia Park (LA18)		
Project Site Parameters	Total (Maximum) Drainage Area	1,379 ac
	Alternative (Minimum) Drainage Area	N/A
	Maximum Required BMP Volume	56 ac-ft
	Alternative Required BMP Volume	N/A
	Groundwater Depth	10 ft
BMP Design Parameters	BMP Opportunity Area	3.1 ac
	Recommended Maximum BMP Depth	5 ft
	Available BMP Volume	15.5 ac-ft
	Recommended Active BMP Volume	**10.1 ac-ft**

In addition to the volumetric features summarized above, it is envisioned that this site would feature the following potential benefits:

- Drains an urbanized area
- Stormwater capture and some infiltration
- Stormwater quality improvement via pre-treatment, retention, and infiltration
- Water harvested can be utilized for a significant amount of on-site irrigation

3.9 LADERA PARK

Ladera Park is located in unincorporated Los Angeles County in an area that drains to Ballona Creek. Park facilities include a baseball/softball diamond, basketball court, children's play area, community recreation center, senior center, outdoor amphitheater, picnic facilities with barbecue grills, and tennis courts. The potential BMP type is proposed as a below-ground retention/infiltration basin situated beneath the open field space along the park's eastern boundary and the baseball diamond in the southeast corner of the park.

Details on this project site were provided by the County of Los Angeles (County). Prior to the preparation of this TM, the County had completed site investigations and begun developing potential BMP project concepts including selecting the project type and identifying the drainage area and potential BMP footprint. It was decided that this BMP should be sized to accommodate the 85th percentile flows from the identified drainage area.

Per the County's direction, a 110-acre drainage area was identified. Open field space along the east boundary of the park was selected as the preferred BMP project location. Given the available area, depth, soil infiltration rate and storm volume, it was determined that this location could accommodate the 85th percentile flows from the maximum drainage area. Thus, it is recommended that the BMP be sized for retention/infiltration of approximately 5.3 ac-ft of runoff.

Table 3.8-1 summarizes key conceptual design parameters of the BMP proposed at Ladera Park. A map of the project site including key infrastructure and highlight BMP opportunity areas is provided in Appendix E. A map of the total (maximum) tributary drainage area can be found in Appendix F.

Table 3.9-1 Summary of Ladera Park (LC01)

Project Site Parameters	Total (Maximum) Drainage Area	155 ac
	Alternative (Minimum) Drainage Area	N/A
	Maximum Required BMP Volume	5.1 ac-ft
	Alternative Required BMP Volume	N/A
	Groundwater Depth	130 ft
BMP Design Parameters	BMP Opportunity Area	0.35 ac
	Recommended Maximum BMP Depth	20 ft
	Available BMP Volume	7.0 ac-ft
	Recommended Active BMP Volume	**5.3 ac-ft**

4 Estimated Costs

Comparative costs (derived from WMMS's comparative costs) are presented in Table 4-1. These comparative costs were developed based on unit costs for individual construction components including planning, design, and mobilization that were collected from the Los Angeles County Department of Public Works Bid History and local vendors that serve the Los Angeles area as part of the Phase II Report: Development of the Framework for Watershed-Scale Optimization Modeling, June 2011. More detailed cost opinions (commensurate with a conceptual level of design completion) will be developed for each of the eight regional project sites, after feedback is received on this draft report.

Table 4-1 Estimated Cost Summary

Cluster ID	Site Description	Active Volume (AF)	Comparative Cost ($M) from Tt WMMS	Capital Cost ($M) from CWE
BH01	La Cienega Park / Frank Fenton Field	24.0	15.1	32.2
CC01	Culver Boulevard Median	29.2	7.4	35.5
IG01	Edward Vincent Jr. Park	45.7	17.0	44.9
LA10	Rancho Park Golf Course	11.6	31.7	16.2
WH01	Plummer Park	6.9	2.4	12.5
LA19	Queen Anne Recreation Center	11.6	5.3	33.2
LA04	Lafayette Park	18.0	6.7	24.4
LA18	Poinsettia Park	10.1	7.2	13.5
LC01	Ladera Park	TBD	TBD	TBD

5 Next Steps

The following presents recommended next steps in the development of this memo:

- WMG Reviews Draft Memo and provides feedback on project type and size
- With this feedback the team will:
  - develop final cost opinions
  - incorporate feedback into final memo
  - and include projects in final RAA run, and the EWMP

6 References

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APPENDIX A

DESKTOP GEOTECHNICAL ANALYSIS

				Yolo Clay Loam		Yolo Loam		Ramona Loam		Montezuma Clay Adobe		Hanford Fine Sandy Loam		Ramona Clay Loam	
Cluster ID	Site Name	Total Area (ac)	Aggregate Infiltration Rate (in/hr)	Soil Area (ac)	% of Site Total	Soil Area (ac)	% of Site Total	Soil Area (ac)	% of Site Total	Soil Area (ac)	% of Site Total	Soil Area (ac)	% of Site Total	Soil Area (ac)	% of Site Total
BH01	La Cienega Park	16.9	0.06	16.9	100%	0	0%	0	0%	0	0%	0	0%	0	0%
CC01	Culver Blvd Median	2.1	0.30	0	0%	2.1	100%	0	0%	0	0%	0	0%	0	0%
IG01	Edward Vincent Junior Park	50.6	0.30	0	0%	0	0%	50.6	100%	0	0%	0	0%	0	0%
LA04	Lafayette Park	9.1	0.30	0	0%	0	0%	9.1	100%	0	0%	0	0%	0	0%
LA10	Rancho Park Golf Course	189.2	0.29	5.7	3%	0	0%	182.3	96%	0	0%	0	0%	1.2	1%
LA18	Pointsettia Park	6.3	0.06	0	0%	0	0%	0.1	1%	6.2	99%	0	0%	0	0%
LA19	Queen Anne Rec Center	5.4	0.23	1.6	30%	0	0%	3.7	70%	0	0%	0	0%	0	0%
WH01	Plummer Park	7.6	0.51	0	0%	0	0%	4.3	57%	0	0%	3.2	43%	0	0%

Hydrologic Soil Group	Infiltration Rate (in/hr)	Soil Textures	Corresponding Unified Soil Classification	
			Symbol	Description
A	1.63	gravel	GW	well-graded gravels, sandy gravels
	1.63	sandy gravel	GP	gap-graded or uniform gravels, sandy gravels
	1.63	silty gravels	GM	silty gravels, silty sandy gravels
	1.63		SW	well-graded gravelly sands
	0.8	sandy gravel	SP	gap-graded or uniform sands, gravelly sands
	0.8	loamy sand		
	0.8	sandy loam		
B	0.45		SM	silty sands, silty gravelly sands
	0.3	loam, silt loam	MH	micaceous silts, diatomaceous silts, volcanic ash
C	0.2	sandy clay loam	ML	silts, very fine sands, silty or clayey fine sands
D	0.06	clay loam	GC	clayey gracels, clayey sandy gravels
	0.06	silty clay loam	SC	clayey sands, clayey gravelly sands
	0.06	sandy clay	CL	low plasticity clays, sandy or silty clays
	0.06	silty clay	OL	organic silts and clays of low plasticity
	0.06	clay	CH	highly plastic clays and sandy clays
	0.06		OH	organic silts and clays of high plasticity

APPENDIX B

FIELD INVESTIGATION FINDINGS

LA04: Lafayette Park

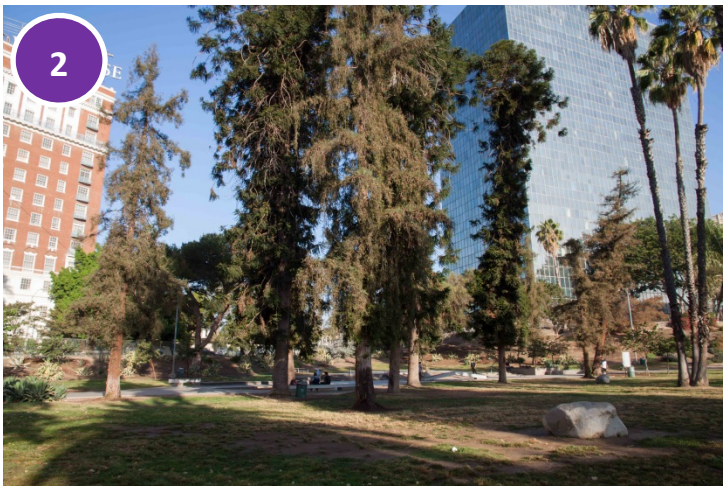
Stop #1, 8:30AM

General:

- Park is largely set below much of the grade of surrounding street
- Tight soils in the area may inhibit percolation
- Maintenance worker on site does not recall flooding ever being an issue at the park
- Park is generally used for recreational soccer, open space for neighboring schools
- Tree replacement will be avoided where possible, but may need to be considered since park contains a lot of older, established trees
    - Mature trees on site include a large Moreton Bay fig, Bohdi "Sacred" fig, and what maintenance worker called "monkey tree" – potentially Monkey Puzzle tree (Araucarua araucana on IUCN 2013 endangered tree list)
- There may be the potential for one or more Heritage trees at this site
- City Rec & Parks people would like to maintain existing operations as much as possible:
    - Construction phasing of BMP should be considered to minimize disruptions
    - Consider including beautification components as part of BMP design
- Some existing facilities resulted from public/private partnership – Nike soccer field and Carl's Jr. skate park. Consider pursuing similar partnership for BMP project elements.



The bench area depicted in photo may be potential site for subsurface storage.



Tree replacements will need to be considered where avoidance is not possible. Large cones dropped by certain trees present hazards. Captured runoff reuse for year-round tree irrigation should also be considered for trees that must remain on site.





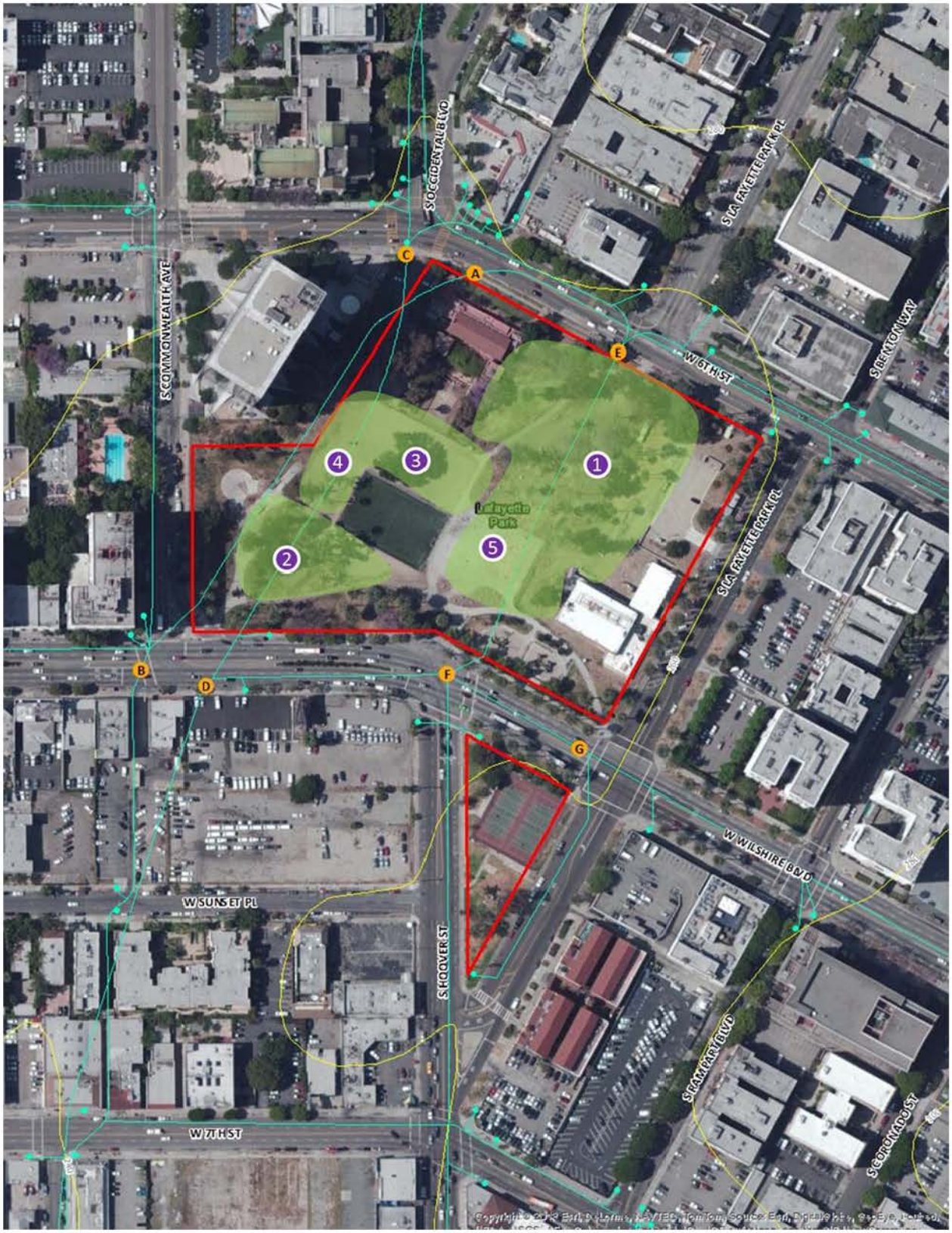
Large Moreton Bay fig on north side of soccer field. Artificial grass soccer field was constructed in 2006.



DG area also used as a soccer field.



Explore potential for BMPs beneath basketball courts. Solutions must be vetted with Rec & Parks.



Opportunity areas (highlighted) would likely include surface or below ground volumes/BMPs.

LA19: Queen Anne Recreation Center

Stop #2, 9:30AM

General:

- City previously initially identified this site as part of the metals IP, but storm drains are very deep so it was passed up for other non-pumping options
- Tree replacement will not be an issue for potential BMP footprint (with provisions for staging)
- Whole park area could logically be used for a buried asset BMP
- Construction could be phased so entire park is not out of commission during construction






3


W 12TH ST
S WHITFIELD ROAD
S WEST BLVD
S QUEEN ANNE PL
S QUEEN ANNE BLVD
W BOEKWEILER ST
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3

LA18: Poinsettia Park

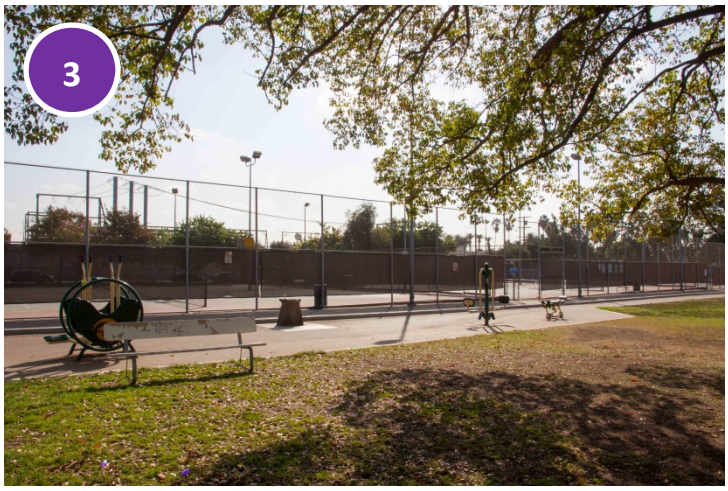
Stop #3, 10:10AM

General:

- Judging by nearby storm drain sizes and adjacent slopes, there may not be much watershed/drainage area upstream
- This park is located within the same sub-drainage area as Plummer Park, so careful review of double treating should occur
- To avoid a pump station, the tennis courts would likely have to be taken out/torn up since nearby storm drains are relatively deep
- Tree replacement may not be an issue as they are located around park perimeter






3


4



Opportunity areas (highlighted) would likely include below-grade BMPs.

WH01: Plummer Park

Stop #4, 10:25AM

General:

- Plummer Park is just upstream of Poinsettia Park in sub-watershed, so careful review of double treating should occur.
- Could potentially take loads off of storm drain leading to Poinsettia Park
- Park does not include many large open spaces, but more smaller pockets of space dispersed throughout park
- Trees will be difficult to avoid
- BMP opportunity area (highlighted) should focus on north parking lot area for a buried asset
- May be able to reuse water as irrigation source throughout park (R^2UFS)



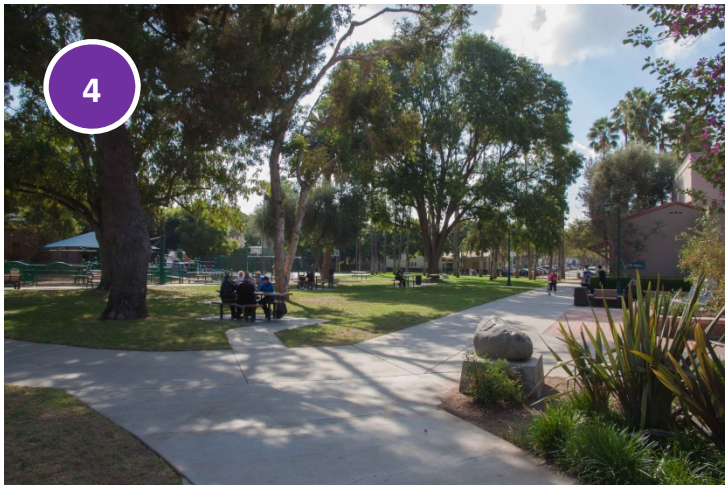
North parking lot may be best location for buried BMP (looking east)

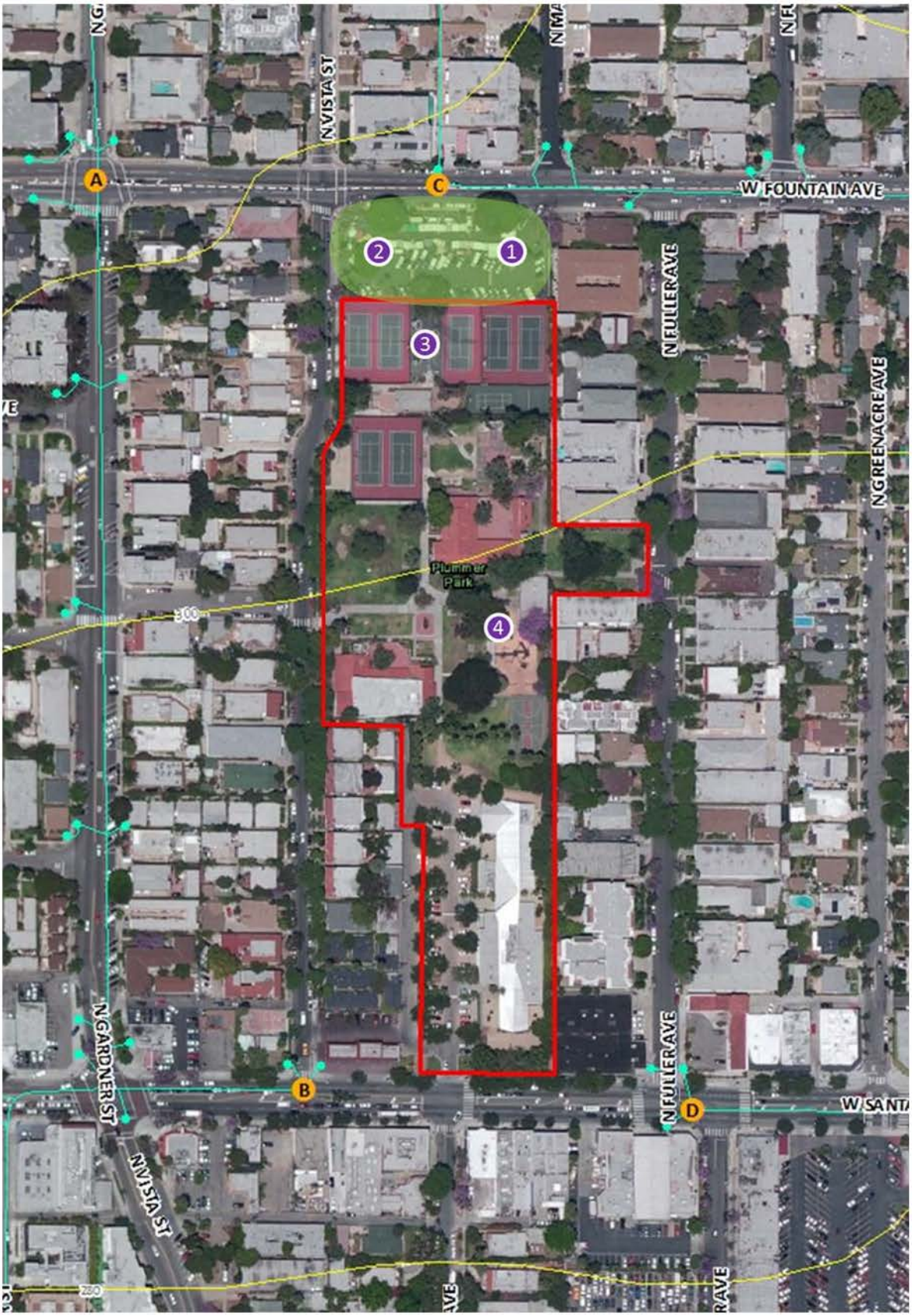


North parking lot (looking west)



Tennis courts near north parking lot




N VISTA ST
W FOUNTAIN AVE
N FULLER AVE
N GREENACRE AVE
Plummer Park
N GARDNER ST
N VISTA ST
N FULLER AVE
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4

BH01: La Cienega Park

Stop #5, 11:00AM

General:

- Surrounding storm drains are large and relatively shallow
- Larger park area is set up above La Cienega Blvd
- This added elevation would need to be considered in pumping design
- Frank Fenton Field is at roughly the same elevation as adjacent street, but is surrounded by berm
- It is speculated that Sites characterized by tight soils
- Frank Fenton Field could potentially be a non-buried asset; could also reasonably contain a buried tank
- Area #4 on overall site map was identified as potentially a brownfield, but is well-situated to offer water quality benefits. May be viewed as a public-private partnership or improving a very visible corner that has needed improvements for some time.



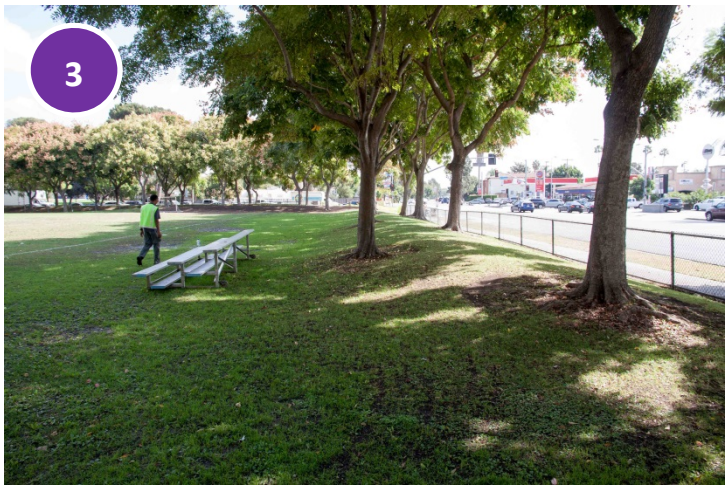








Frank Fenton Field



Frank Fenton Field



Frank Fenton Field



Opportunity areas are highlighted in green.

LA10: Rancho Park Golf Course

Stop #6, 11:50AM

General:

- Large open space area; few constraints to potential footprint areas
- BMP focus may be at small area on southwest edge of site
- Appears to be a staging and storage area for the golf course adjacent to where large storm drains come together



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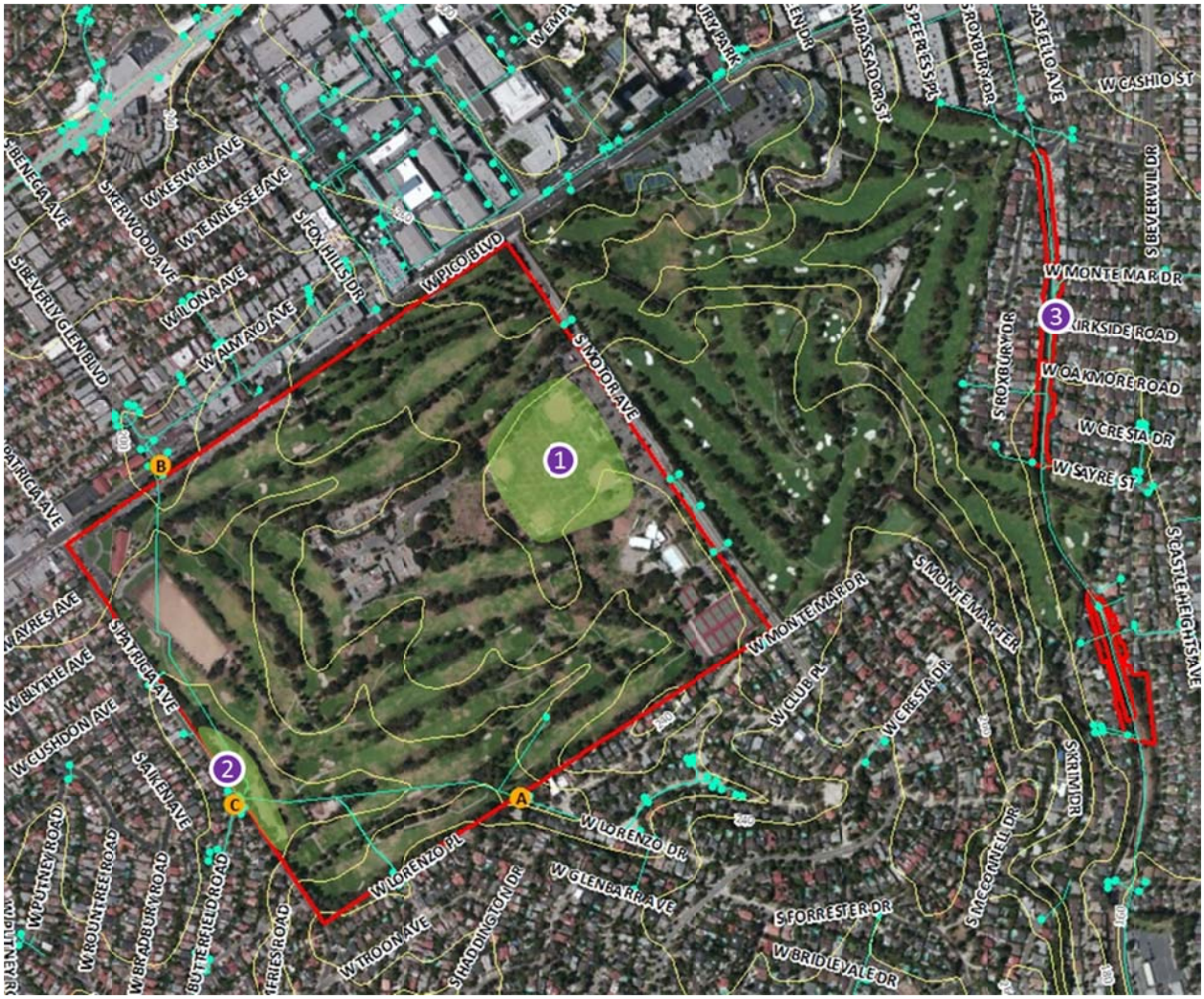
W PICO BLVD
S MOTOR AVE
W MONTE MAR DR
W OAKMORE ROAD
W CRESTA DR
W SAYRE ST
S ROXBURY DR
S BEVERWIL DR
S CASTLE HEIGHTS AVE
W CASHIO ST
S MONTE MAR TER
W CLUB PL
W LORENZO DR
W LORENZO PL
W GLENBARR AVE
S FORRESTER DR
W BRIDLEVALE DR
S PATRICIA AVE
W CUSHDON AVE
W BLYTHE AVE
S AIKEN AVE
W TROON AVE
S HADDINGTON DR
W PUTNEY ROAD
W ROUNTREE ROAD
W BRADBURY ROAD
BUTTERFIELD ROAD
S BEVERLY GLEN BLVD
W ILONA AVE
W ALMAYO AVE
W KESWICK AVE
W TENNESSEE AVE
S FOX HILLS DR
S KERWOOD AVE
S BENEGA AVE
S MCCONNELL DR
S KRIM DR
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CC01: Culver Boulevard Median

Stop #7, 1:55PM

General:

- Potential area meandering swale along median as BMP
- Acknowledged that abandoned light rail may have left many buried unknowns in the median
- Resident feels that there may be potential for bioswale or other BMP implementation adjacent to median in the south portion of Culver Boulevard. They feel the street is too wide.



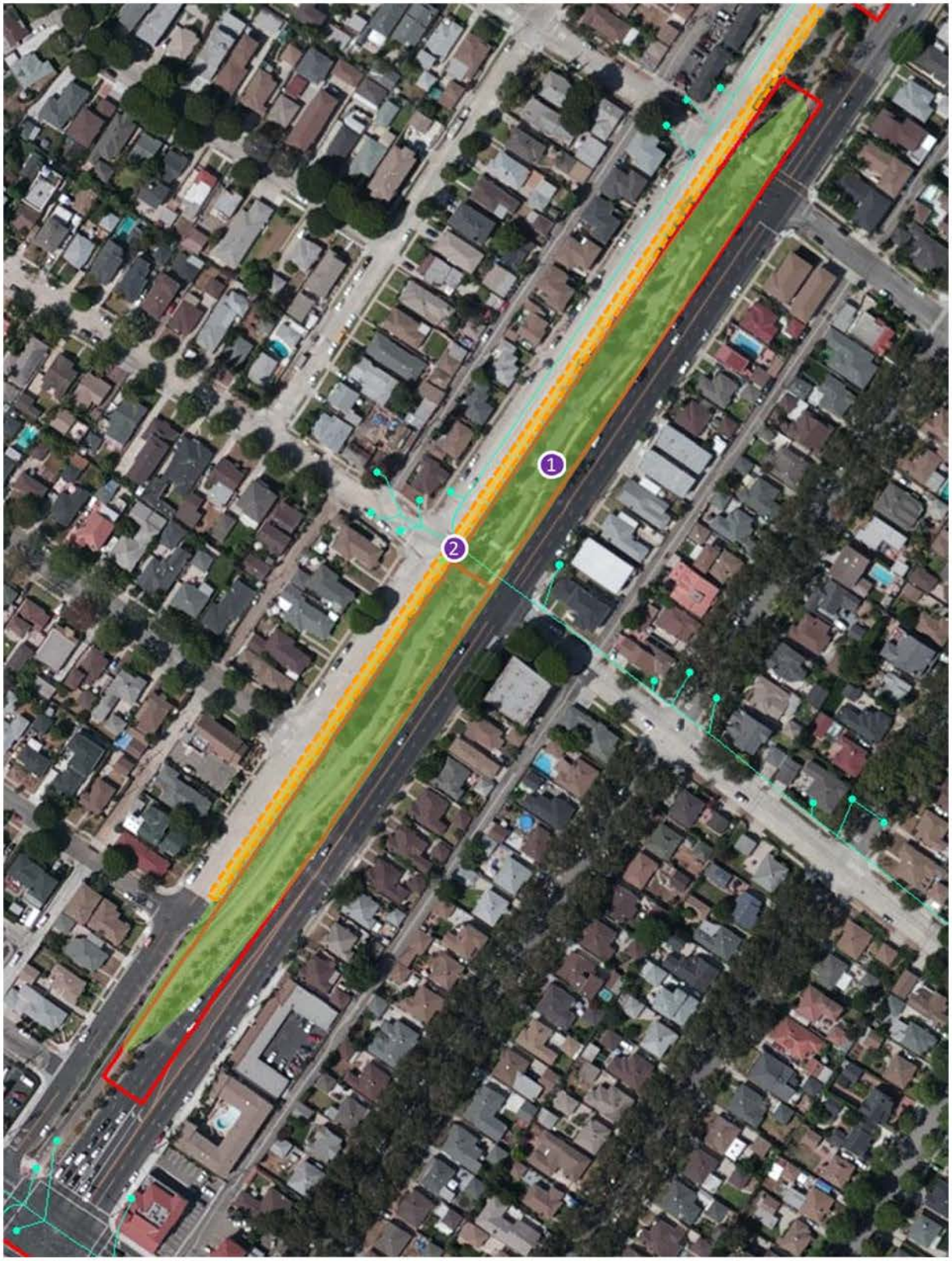




Culver Boulevard is viewed as too wide by some residents. (looking north)



Culver Boulevard is viewed as too wide by some residents. (looking south)



Two opportunity areas are highlighted in map above: Culver Blvd median (green) and wide parking lane (orange).

IG01: Edward Vincent Junior Park

Stop #8, 2:45PM

General:

- Creek daylights at large opening in western end of the park
- Park area appears to follow a natural drainage (from east to west)
- There may be a question of park space ownership depending on footprint location: LA MTA vs. City of Inglewood at the southeast corner of the park
- City of Inglewood would like to see the large County's surfaced/daylighted storm drain in the southwest corner be a priority for BMP implementation
- The City of Inglewood would prefer if the recommended BMP opportunity area avoids disturbing developed features and mature trees within the proposed project site.



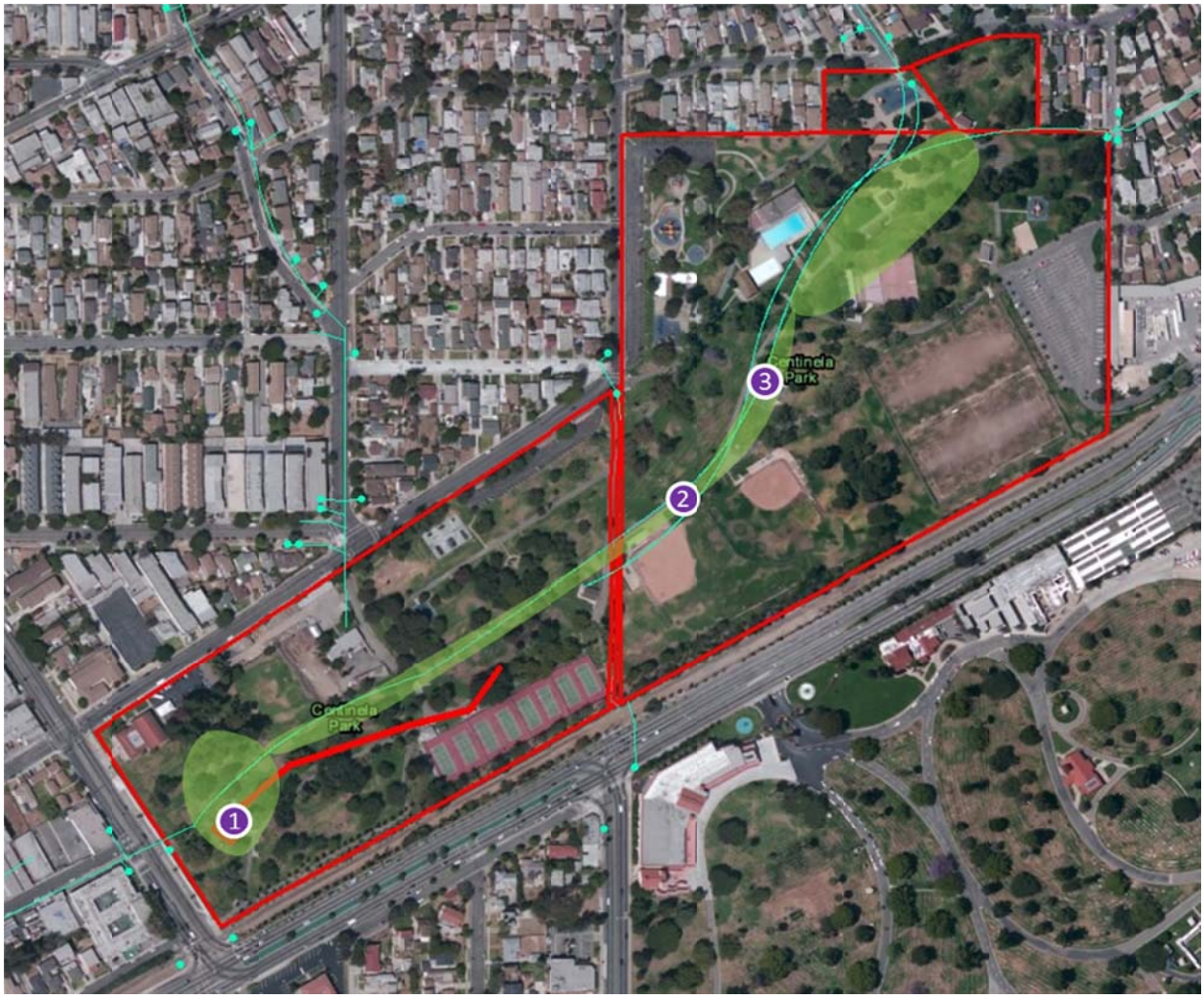
City would like to implement BMP at location of creek daylighting.




2


3


3



Opportunity areas highlighted would likely include surface BMP and potentially daylighting portions of the creek.

Stop #	Cluster ID	Facility Name	Intersection Near Parking	Approximate Address	APN	BMP Site Data Points	Diameter/ Height (in)	Ground Elev (ft)	Invert Elev (ft)	Depth to TOP (ft)	Plan	Sheet
1	LA04	Lafayette Park	S Lafayette Park Place & W 6th Street	2820 W 6th Street Los Angeles, CA 90057	5077006900 & 5077006901	A	66	245	229	10.5	26687	8
						B	66	238	219	13.5	26447	2
						C	42	245	227	14.5	26608	1
						D	63	245	220	19.75	D-2927	1
						E	174	245	224	6.5	D-30251	5
						F	174	252	223	14.5	D-30251	4
						G	12	256	249	6	26458	1
2	LA19	Queen Anne Recreation Center	S West Blvd & W Dockweiler Street	1240 West Blvd Los Angeles, CA 90019	5082011903 & 5082012900	A	187	148	127	5.417	D-15869	11
						B	126	150	128	11.5	29342	3
						C		148		148	No NavigateLA info	
						D	21	148	139	7.25	D-9831	
3	LA18	Poinsettia Park	N Martel Avenue & W Romaine Street	7341 Willoughby Ave Los Angeles, CA 90046	5531020900	A	24	274	260	12	D-16064	6
						B	48	270	255	11	D-110	3
						C	45	260	240	16.25	D-110	3
4	WH01	Plummer Park	N Vista Street & W Fountain Avenue	7377 Santa Monica Blvd West Hollywood, CA 90046	5531003900 & 5331003901	A	39	322	307	11.75	D-75	1
						B	21	294	275	17.25	D-75	5
						C	24	311	307	2	28518	2
						D	18	290	271	17.5	D-110	6
5	BH01	La Cienega Park	S Hamilton Drive & W Gregory Way, Beverly Hills	8400 Gregory Way Beverly Hills, CA 90211	4333031900 & 4333026900 & 4333026901	A	69	136	123	7.25	D-25152	6
						B	84	134	122	5	D-25149	3
						C	84	134	123	4	D-3288	4
						D		136		136	No NavigateLA info	
						E	84	128	118	3	D-3288	4
						F	42	128	117	7.5	D-2321	1
						G	108	128	115	4	D-3288	5
6	LA10	Rancho Park Golf Course	S Motor Avenue & W Pico Blvd	10000 W Pico Blvd Los Angeles, CA 90064	4307013909 & 4307012902 & 4307014908 &	A		194		194	No NavigateLA info	
						B	48	194	177	13	D-6399	1
						C	72	164	153	5	D-6209	1
7	CC01	Culver Blvd Median	Culver Blvd & Harter Avenue	Not in City of LA	4213026902 & 4213026903	APN not found in NavigateLA						
8	IG01	Centinela Park / Edward Vincent Junior Park	Stepney Street & Warren Lane	700 Warren Lane Inglewood, CA 90302	4013029901 & 4015015900 & 4013028900 & 4013025900	APN not found in NavigateLA						

Summary Environmental Constraints: Ballona Creek Watershed Regional Projects

BH01 – La Cienega Park

- **AQ:** Construction emissions in excess of thresholds; may increase time for site-specific CEQA compliance.
- **AQ:** Cumulative AQ impacts may increase time for site-specific CEQA compliance.
- **AQ:** Air pollutant concentrations from construction may increase time for site-specific CEQA compliance.
- **BIO:** Tree removal could disturb active nests (violation of Migratory Bird Treaty Act); may increase time for site-specific CEQA compliance.
- **BIO:** Tree removal could destroy protected trees; may increase time for site-specific CEQA compliance.
- **CUL:** Construction at Fenton Field could affect historic Beverly Hills Water Treatment Plant No. 1 building; may increase time for site-specific CEQA compliance.
- **CUL:** Archeological resources may be present; should be addressed during site specific CEQA compliance.
- **CUL:** Paleontological resources may be present; should be addressed during site specific CEQA compliance.
- **HAZ:** Parcel at NE corner of Olympic/La Cienega may have contamination (former Arco); may increase time for land acquisition (if applicable) and for site-specific CEQA compliance.
- **WQ:** Potential residual contamination could result in adverse groundwater quality if residual contamination is indeed present and if infiltration occurs above the contamination; may increase time for project design and site-specific CEQA compliance.
- **REC:** Temporary loss of recreational areas and long term seasonal loss of Fenton Field will require close coordination between the City of Beverly Hills and stakeholders to develop suitable mitigation options for addressing the temporary and seasonal loss of recreational uses. Increased site-specific CEQA compliance time.

CC04 - Culver Boulevard Median

- **AQ:** Construction emissions in excess of thresholds; may increase time for site-specific CEQA compliance.
- **AQ:** Cumulative AQ impacts may increase time for site-specific CEQA compliance.
- **AQ:** Air pollutant concentrations from construction may increase time for site-specific CEQA compliance.
- **BIO:** Tree removal could disturb active nests (violation of Migratory Bird Treaty Act); may increase time for site-specific CEQA compliance.
- **BIO:** Tree removal could destroy protected trees; may increase time for site-specific CEQA compliance.
- **CUL:** Archeological resources may be present; should be addressed during site specific CEQA compliance.
- **CUL:** Paleontological resources may be present; should be addressed during site specific CEQA compliance.
- **HAZ:** Contamination from rail ROW may be present; may increase time for site-specific CEQA compliance.
- **WQ:** Potential residual contamination could result in adverse groundwater quality if residual contamination is present in the medians subsurface and if infiltration occurs above the contamination; may increase time for project design and site-specific CEQA compliance.
- **REC:** Temporary closure of median recreational features during construction, and potential relocation of bike and walking path along the median are likely to require close coordination between Culver City and stakeholders to develop suitable mitigation options. Increased site-specific CEQA compliance time.
- **TRA:** Temporary closure of median bike path and its potential relocation are likely to require close coordination between Culver City and stakeholders to develop suitable mitigation options for addressing impacts to the bike path on the median. Increased site-specific CEQA compliance time.

IG01 - Edward Vincent Junior Park

- **AQ:** Construction emissions in excess of thresholds; may increase time for site-specific CEQA compliance.
- **AQ:** Cumulative AQ impacts may increase time for site-specific CEQA compliance.
- **AQ:** Air pollutant concentrations from construction may increase time for site-specific CEQA compliance.
- **BIO:** Tree removal could disturb active nests (violation of Migratory Bird Treaty Act); may increase time for site-specific CEQA compliance.
- **BIO:** Tree removal could destroy protected trees; may increase time for site-specific CEQA compliance.
- **CUL:** Archeological resources may be present; should be addressed during site specific CEQA compliance.
- **CUL:** Paleontological resources may be present; should be addressed during site specific CEQA compliance.
- **HAZ:** Residual contamination from former Gas Co site at Park may be present; may increase time for site-specific CEQA compliance.
- **WQ:** Potential residual contamination could result in adverse groundwater quality if residual contamination is indeed present and if infiltration occurs above the contamination; may increase time for project design and site-specific CEQA compliance.
- **REC:** Temporary closure of active and passive recreational uses, and possible relocation of active fields. Close coordination between City of Inglewood and stakeholders to develop mitigation. Increased site-specific CEQA compliance time.

LA05 - Lafayette Park

- **AQ:** Construction emissions in excess of thresholds; may increase time for site-specific CEQA compliance.
- **AQ:** Cumulative AQ impacts may increase time for site-specific CEQA compliance.
- **AQ:** Air pollutant concentrations from construction may increase time for site-specific CEQA compliance.
- **BIO:** Tree removal could disturb active nests (violation of Migratory Bird Treaty Act); may increase time for site-specific CEQA compliance.
- **BIO:** Tree removal could destroy protected trees; may increase time for site-specific CEQA compliance.
- **BIO:** Heritage tree (Firewheel Tree) along Wilshire border; may increase time for site-specific CEQA compliance.
- **CUL:** Construction at Lafayette Park could affect historic Felipe De Neve Library; may increase time for site-specific CEQA compliance.
- **CUL:** Archeological resources may be present; should be addressed during site specific CEQA compliance.
- **CUL:** Paleontological resources may be present; should be addressed during site specific CEQA compliance.
- **NOI:** City LA has construction noise thresholds that may increase the length of time required for individual project approvals and CEQA compliance.
- **REC:** Temporary closure of the recreational uses within Lafayette Park is likely to require close coordination between the City of Los Angeles and stakeholders to develop suitable mitigation options. Increased site-specific CEQA compliance time.

LA12 – Rancho Park Golf Course

- **AQ:** Construction emissions in excess of thresholds; may increase time for site-specific CEQA compliance.
- **AQ:** Cumulative AQ impacts may increase time for site-specific CEQA compliance.
- **AQ:** Air pollutant concentrations from construction may increase time for site-specific CEQA compliance.
- **BIO:** Tree removal could disturb active nests (violation of Migratory Bird Treaty Act); may increase time for site-specific CEQA compliance.
- **BIO:** Tree removal could destroy protected trees; may increase time for site-specific CEQA compliance.
- **CUL:** Archeological resources may be present; should be addressed during site specific CEQA compliance.
- **CUL:** Paleontological resources may be present; should be addressed during site specific CEQA compliance.
- **NOI:** City LA has construction noise thresholds that may increase the length of time required for individual project approvals and CEQA compliance.
- **REC:** Temporary closure of the recreational uses within Rancho Park and the golf course are likely to require close coordination between the City of Los Angeles and stakeholders to develop suitable mitigation options. Increased site-specific CEQA compliance time.

LA20 – Poinsettia Park

- **AQ:** Construction emissions in excess of thresholds; may increase time for site-specific CEQA compliance.
- **AQ:** Cumulative AQ impacts may increase time for site-specific CEQA compliance.
- **AQ:** Air pollutant concentrations from construction may increase time for site-specific CEQA compliance.
- **BIO:** Tree removal could disturb active nests (violation of Migratory Bird Treaty Act); may increase time for site-specific CEQA compliance.
- **BIO:** Tree removal could destroy protected trees; may increase time for site-specific CEQA compliance.
- **CUL:** Archeological resources may be present; should be addressed during site specific CEQA compliance.
- **CUL:** Paleontological resources may be present; should be addressed during site specific CEQA compliance.
- **NOI:** City LA has construction noises threshold that may increase the length of time required for individual project approvals and CEQA compliance.
- **REC:** Temporary closure of the recreational uses within Poinsettia Park is likely to require close coordination between the City of Los Angeles and stakeholders to develop suitable mitigation options. Increased site-specific CEQA compliance time.

LA21 - Queen Anne Recreation Center

- **AQ:** Construction emissions in excess of thresholds; may increase time for site-specific CEQA compliance.
- **AQ:** Cumulative AQ impacts may increase time for site-specific CEQA compliance.
- **AQ:** Air pollutant concentrations from construction may increase time for site-specific CEQA compliance.
- **BIO:** Tree removal could disturb active nests (violation of Migratory Bird Treaty Act); may increase time for site-specific CEQA compliance.
- **BIO:** Tree removal could destroy protected trees; may increase time for site-specific CEQA compliance.
- **CUL:** Archeological resources may be present; should be addressed during site specific CEQA compliance.
- **CUL:** Paleontological resources may be present; should be addressed during site specific CEQA compliance.
- **NOI:** City LA has construction noise thresholds that may increase the length of time required for individual project approvals and CEQA compliance.
- **REC:** Temporary closure of recreational uses within Queen Anne Recreation Center is likely to require close coordination between the City of Los Angeles and stakeholders to develop suitable mitigation options. Increased site-specific CEQA compliance time.

WH01 – Plummer Park

- **AQ:** Construction emissions in excess of thresholds; may increase time for site-specific CEQA compliance.
- **AQ:** Cumulative AQ impacts may increase time for site-specific CEQA compliance.
- **AQ:** Air pollutant concentrations from construction may increase time for site-specific CEQA compliance.
- **BIO:** Tree removal could disturb active nests (violation of Migratory Bird Treaty Act); may increase time for site-specific CEQA compliance.
- **BIO:** Tree removal could destroy protected trees; may increase time for site-specific CEQA compliance.
- **CUL:** Archeological resources may be present; should be addressed during site specific CEQA compliance.
- **CUL:** Paleontological resources may be present; should be addressed during site specific CEQA compliance.
- **REC:** Temporary closure of the north parking lots at Plummer Park will require close coordination between the City of West Hollywood and stakeholders to develop suitable mitigation options for addressing the temporary loss of park parking, temporary relocation of the farmers market, and to address construction issues associated with either overlapping or sequential construction of the master plan improvements and the water quality improvements. Increased site-specific CEQA compliance time.

Initial Study/
Environmental Constraints Evaluation

For

the Eight Recommended Regional Structural Projects within the Ballona Creek Watershed

November 2014

City of Los Angeles

Bureau of Engineering
Watershed Protection Division

1.0 INTRODUCTION

National Pollutant Discharge Elimination System Municipal Separate Storm Sewer System Permit (MS4 Permit) Order No. R4-2012-0175 establishes the waste discharge requirements for stormwater and non-stormwater discharges within the watersheds of Los Angeles County. This MS4 Permit was adopted by the California Regional Water Quality Control Board, Los Angeles Region (Regional Board), on November 8, 2012, and became effective on December 28, 2012.

The MS4 Permit includes provisions that allow permittees the flexibility to customize their stormwater programs to achieve compliance with certain receiving water limitations and water quality based effluent limits over time. Specifically, permittees may voluntarily choose to develop and implement an Enhanced Watershed Management Program (Program). The Program includes prioritization of water-quality issues, identification of implementation strategies, control measures, and Best Management Practices (BMPs) sufficient to meet pertinent standards, integrated water-quality monitoring, and opportunity for stakeholder input. Through the Program, permittees will implement projects to improve water quality, and also have incentives to evaluate and, where feasible, implement regional projects that retain all non-stormwater runoff and all stormwater runoff from the 85th percentile, 24-hour storm event for the drainage area tributary to those projects.

Municipalities, non-governmental organizations and community stakeholders throughout the County of Los Angeles are working collaboratively to develop Enhanced Watershed Management Plans for each of LA's five watersheds - Ballona Creek, Dominguez Channel, Marina Del Rey, Santa Monica Bay and Upper Los Angeles River. The objectives of the Enhanced Watershed Management Plans (or EWMPs) are to comply with water quality mandates, improve the quality of our rivers, creeks and beaches, and address current and future regional water supply issues.

Each of the five watersheds has a Watershed Management Group that meets on a regular basis. The goal of each Watershed Management Group is to develop an EWMP for their specific watershed. Each EWMP will identify current and future multi-benefit projects that will improve water quality, promote water conservation, enhance recreational opportunities, manage flood risk, improve local aesthetics, and support public education opportunities. Each EWMP will include water quality priorities, watershed control measures, reasonable assurance analysis, the scheduling of projects and the monitoring, assessment and adaptive management of projects. The Ballona Creek Watershed Management Group has develop a list of eight very high priority Regional Projects for implementation, which has been submitted to the Regional Water Quality Control Board for approval.

The Los Angeles County Flood Control District is in the process of preparing a Program EIR (Program EIR) to address the environmental impacts associated with implementing EWMPs within 12 watersheds in the MS4 permit coverage area. One of these watersheds is the Ballona Creek Watershed. The Program EIR will focus on potential effects that could result from implementation of the projects and management actions identified in each EWMP, and would assess the physical changes to the environment that would likely result from the construction and operation of EWMP projects, including direct, indirect, and cumulative impacts.

The purpose of this environmental constraints evaluation is to identify potential site specific environmental constraints associated with each of the recommended eight structural Regional Projects within the Ballona Creek Watershed, including increased time requirements to address issues, obtain project approvals (including CEQA compliance).

2.0 PROJECT DESCRIPTION

2.1 Project Location

2.1.1 Regional Setting

The Ballona Creek Watershed is located on the Los Angeles Coastal Plain south of the Santa Monica Mountains. The watershed encompasses portions of the City of Beverly Hills, Culver City, and Inglewood, Los Angeles, and West Hollywood, as well as the County of Los Angeles (see Figure 1). The Ballona Creek Watershed is largely urbanized.

2.1.2 Project Setting

Eight structural Regional Projects are recommended for implementation, and the general settings at each location, are as follows:

- BH01 - La Cienega Park in the City of Beverly Hills. The site includes a community center, active recreational fields (baseball and soccer), track, tennis courts, playground, open space, and community center. BH01 also includes a small vacant parcel located at the northwest corner of Olympic Boulevard and La Cienega Boulevard. Frank Fenton field is located across (La Cienega Boulevard) from the main park site. Mature trees are located at both sites. Surrounding land uses include single and multi-family residential units. The operating hours for the park are 6 a.m. - 10 p.m. daily.
- CC04 - Culver Boulevard Median in the Culver City. The median landscaping includes mature trees, and is developed with a bike and walking path. To the north of the median, Culver Boulevard serves local residents (through traffic in both directions occurs on Culver Boulevard south of the median). Surrounding land uses are primarily single homes.
- IG01 - Edward Vincent Junior Park in the City of Inglewood. The site includes tennis courts, basketball courts, football/soccer fields, playgrounds, and the Veterans Memorial Building with various community amenities. Mature trees are present at the site. Surrounding land uses include single and multi-family residential units. The operating hours for the park are Monday-Friday: 8:00 a.m. – 5:00 p.m.
- LA05 - Lafayette Park in the Wilshire community of the City of Los Angeles. The site includes a multi-purpose community center, auditorium, skate park, basketball courts (lighted/outdoor), children's play area, community room, picnic tables, soccer field (lighted), tennis courts (lighted). Landscaping includes mature trees. Surrounding land uses are primarily commercial, but the Bryson apartments are located across Lafayette Park Place. In addition, the Felipe De Neve Library is located along the northwestern portion of the site. The operating hours for the community center are Monday - Friday: 8:00 a.m. - 9:00 p.m., and Saturday - Sunday: 8:00 a.m. - 8:00 p.m.
- LA12 – Rancho Park Golf Course in the West Los Angeles community of the City of Los Angeles. The site includes a landscaped golf course, recreational center, baseball fields, and mature trees along the periphery. Surrounding land uses include single-family homes to the south, and commercial uses along Pico Boulevard. The operating hours for the park are Monday: 8:00 a.m. to 10:00 p.m., and Tuesday - Sunday: Sunrise - 10:00 p.m.
- LA20 – Poinsettia Park in the Hollywood community of the City of Los Angeles. The site includes a recreation center, baseball diamond, basketball courts, children's play area, handball courts, indoor gym, and tennis courts. Mature trees are located along the periphery. Surrounding

land uses include single-family and multi-family residences, and an electrical substation. The operating hours for the recreation center are Monday - Friday: 10:00 a.m. - 10:30 p.m., Saturday: 9:00 a.m. - 7:00 p.m.; and Sunday: 10:00 p.m. - 6:00 p.m.

- LA21 - Queen Anne Recreation Center in the in Wilshire community of the City of Los Angeles. The site includes an auditorium, barbecue pits, baseball diamond, basketball courts, children's play area, picnic tables, restrooms, and tennis courts. Mature trees are located along the periphery. Surrounding land uses include single- and multi-family residences, and an elementary school. The operating hours for the recreation center are Monday - Friday: 9:00a.m. - 8:00 p.m., Saturday: 9:00 a.m. - 3:00 p.m.; and is closed on Sundays.
- WH01 – Plummer Park located in the City of West Hollywood. The site includes tennis courts, a basketball court, children's play area, dog play area, and the Plummer Park Community Center. In addition, the Helen Albert Farmers' Market operates once a week at the Park's northern parking lot. Mature trees are located throughout the park and along the northern parking lot. The operating hours for the park are: 6:00 am - 10:00 p.m. daily, and the Farmer's market operates every Monday from 9:00 a.m. - 2:00 p.m. at the park's north parking lot. Surrounding land uses include single- and multi-family residences. The site is undergoing a master plan review process.

2.2 Goals and Objectives

The purpose of the Regional Projects is to improve water quality and help the Cities and County comply with the MS4 permit discharge requirements for stormwater and non-stormwater discharges within the Ballona Creek Watershed.

2.3 Description of Proposed Project

The Regional Projects are defined by the MS4 Permit as multi-benefit regional projects that, wherever feasible, retain all non-stormwater runoff and all stormwater runoff from the 85th percentile, 24-hour storm event for the contributing drainage area, while also achieving other benefits such as flood control and/or water supply. The Regional Projects proposed for the eight Regional Project sites within the Ballona Creek Watershed would include one or more of the following at each site:

- Infiltration Projects, that could include surface infiltration devices (infiltration basins, infiltration trenches, infiltration galleries, and bio-retention approaches.
- Multi-Directional Infiltration Projects that could include devices such as dry wells, and/or hybrid bio-retention and dry wells.
- Detention Basins that promote settling out of larger particles.
- Capture and Use Projects such as underground cisterns, storage facilities to make captured water available for uses such as irrigation.

The Regional Projects would install and operate infiltrations structures, detention basins, and/or capture and use structures at eight locations (seven parks and a median) within the Ballona Creek Watershed, which are described above in the Project Setting. The infiltrations structures, detention basins, and/or capture and use structures would likely be located underground at each of the park sites, with possible bio-retention approach at the Culver Boulevard median, and portions of Edward Vincent Jr. Park and La Cienega Park.

In addition, accessory improvements would be required at each Regional Project site to make connections with nearby storm drains, as well as other improvement such as wells, pump stations, and electrical connections and controls.

The water quality improvements proposed at each of the Regional Project sites within the Ballona Creek Watershed are as follows:

- BH01 - La Cienega Park: Buried Infiltration structure, buried storage basin, and/or surface bio-retention.
- CC04 - Culver Boulevard Median: Surface bio-retention.
- IG01 - Edward Vincent Junior Park: Surface bio-retention.
- LA05 - Lafayette Park: Buried Infiltration structures and/or buried storage basins.
- LA12 – Rancho Park Golf Course: Buried Infiltration structures and/or buried storage basins.
- LA20 – Poinsettia Park: Buried Infiltration structure and/or buried storage basin.
- LA21 - Queen Anne Recreation Center: Buried Infiltration structure and/or buried storage basin.
- WH01 – Plummer Park: Buried Infiltration structure and/or buried storage basin.

2.4 Regional Project Construction

Construction of each of the Regional Projects is expected to take between 12-18 months, and would involve mobilization (of materials and equipment), excavation and shoring, haul away of soils, construction of the infiltration, detention, or capture and use structure (likely to be cast-in-place concrete), accessory improvements such as storm drain connections, equipment installation, backfilling, and surface restoration. Due to the large quantities of runoff that would be infiltrated, detained, or captured, the subsurface structures would likely require substantial subsurface portions of the identified sites.

2.5 Regional Project Operations

Once the Regional Projects are completed and commissioned, they would operate automatically, although their operation would be monitored and adjustments made on an as-needed basis, including during wet weather. The majority of the Regional Project would have subsurface components and their operation would not be detectible or apparent at the site surface.

Regional Projects that utilize approaches at the site surfaces (such as bio-retention) could periodically fill with retained runoff, and preclude other uses of those areas until percolation has been completed and the areas dry enough to support other uses.

2.6 Anticipated Permits and Approvals

Approvals or permits from the following agencies are expected to be required:

- City of Beverly Hills
- Culver City
- City of Inglewood
- City of Los Angeles (Board of Public Works, Department of Recreation and Parks, Department of Water and Power, Department of Transportation, etc.)
- City of West Hollywood
- County of Los Angeles (Los Angeles County Flood Control District)
- State and Regional Water Quality Control Boards
- Others?

3.0 Initial Study Checklist

Potential environmental constraints associated with the Regional Projects are addressed in the Initial Study Checklist and detailed discussions are provided below.

Environmental Checklist Form

1. Project Title:	Ballona Creek Regional Projects
2. Lead Agency Name and Address:	Varies depending on jurisdiction of each Regional Project (City of Beverly Hills, Culver City, City of Los Angeles, City of Inglewood, City of West Los Angeles)
3. Contact Person and Phone Number:	Jim Rasmus, Black and Veatch (858) 945-8675
4. Project Location:	Ballona Creek Watershed (Beverly Hills, Culver City, Inglewood, Los Angeles, West Los Angeles)
5. Project Sponsor's Name and Address:	Bureau of Sanitation Watershed Protection Division1149 S. Broadway, 10th Floor Los Angeles, CA 90015
6. General Plan Designations:	Varies (Open Space)
7. Zoning:	Varies (OS-1XL)
8. Description of Project:	The proposed Project consists of installation and operation of runoff storage and/or treatment facilities at eight (8) locations within the Ballona Creek Watershed. Facility options include underground stormwater and runoff buried detention facilities, underground infiltration facilities, and surface treatment features. Ancillary improvements, including connector pipelines to nearby storm drains, and/or pump stations or wet wells would be included.

Environmental Factors Potentially Affected:

The environmental factors checked below would potentially be affected by the Regional Projects (i.e., the proposed Project would involve environmental constraints, as indicated by the checklist on the following pages).

	Aesthetics		Agriculture and Forest Resources	X	Air Quality
X	Biological Resources	X	Cultural Resources		Geology/Soils
	Greenhouse Gas Emissions	X	Hazards and Hazardous Materials	X	Hydrology/Water Quality
	Land Use/Planning		Mineral Resources	X	Noise
	Population/Housing		Public Services	X	Recreation
X	Transportation/Traffic		Utilities/Service Systems		Mandatory Findings of Significance

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
I.	**AESTHETICS.** Would the project:				
a.	Have a substantial adverse effect on a scenic vista?			X	
b.	Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings along a scenic highway?			X	
c.	Substantially degrade the existing visual character or quality of the site and its surroundings?			X	
d.	Create a new source of substantial light or glare that would adversely affect daytime or nighttime views in the area?			X	

Discussion:

a. Would the project have a substantial adverse effect on a scenic vista?

A scenic vista generally provides focal views of objects, settings, or features of visual interest; or panoramic views of large geographic areas of scenic quality, primarily from a given vantage point. Substantial constraints occur if the Regional Projects introduce incompatible visual elements within a field of view containing a scenic vista or substantially alters a view of a scenic vista.

No Environmental Constraints.

- BH01 - La Cienega Park. La Cienega Park is located in an urbanized portion of the City of Beverly Hills and is not located within a Scenic Vista. Further, the improvements at this site would likely be buried and surface features restored to the same or better condition than currently exists.

- CC04 - Culver Boulevard Median. The Culver Boulevard median is located along Culver Boulevard in an urbanized portion of Culver City, and is not located within a Scenic Vista. The improvements at this site could occur at the surface within the existing median, or a slightly expanded median (to the west); however, the surface improvements would not extend higher than existing landscaping.

- IG01 - Edward Vincent Junior Park. Edward Vincent Jr. Park is located between a residential area and Florence Avenue in the City of Inglewood, and is not located within a Scenic Vista. The improvements at this site could occur at the surface within the park boundaries. However, the surface improvements would not extend substantially higher than existing landforms.

- LA05 - Lafayette Park. Lafayette Park is located in an urbanized area within the Wilshire Community Plan area in the City of Los Angeles. This park is not located within a Scenic Vista. Further, the improvements at this site would likely be buried and surface features restored to the same or better condition than currently exists.
- LA12 – Rancho Park Golf Course. Rancho Park Golf Course is located amidst a residential area within the West Los Angeles area in the City of Los Angeles. This golf course is not located within a Scenic Vista. The improvements at this site would likely be buried and surface features restored to the same or better condition than currently exists.
- LA20 – Poinsettia Park. Poinsettia Park is located in a mixed residential area with a nearby industrial use (electrical substation) within the Hollywood community in the City of Los Angeles. This park is not located within a Scenic Vista. The improvements at this site would likely be buried and surface features would restored to the same or better condition than currently exists.
- LA21 - Queen Anne Recreation Center. The Queen Anne Recreation Center site is located in a mixed residential area within the Wilshire community in the City of Los Angeles. This park is not located within a Scenic Vista. The improvements at this site would likely be buried and surface features would restored to the same or better condition than currently exists.
- WH01 – Plummer Park. Plummer Park site is located in a mixed residential area within the City of West Hollywood. This park is not located within a Scenic Vista. The improvements at this site would likely be buried and surface features would restored to the same or better condition than currently exists.

b./c. Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

Would the project substantially degrade the existing visual character or quality of the site and its surroundings?

No Environmental Constraints. The Regional Project improvements would not have the potential to damage scenic resources within a state scenic highway because none of the activities would be located near an eligible or designated state scenic highway. The California Department of Transportation (Caltrans) is responsible for the official nomination and designation of eligible scenic highways. The nearest officially designated state scenic highway (State Highway 2, from approximately three miles north of Interstate [I]-210 in La Cañada to the San Bernardino County Line) (California Department of Transportation, 2013) is located over 13 miles northeast of the nearest Regional Project (WH01 – Plummer Park).

The nearest eligible state scenic highway (State Highway 1, from State Highway 19 near Long Beach to I-5 south of San Juan Capistrano) (California Department of Transportation, 2013) is approximately 17 miles southeast of the nearest Regional Project (IG01 – Edward Vincent Jr. Park) . None of the Regional Projects are visible from either of these State Scenic Highways; therefore, the Regional Projects would not adversely affect the quality of the scenic views from these locations.

In addition, the following summarizes specific details regarding scenic resources at each Regional Project site:

- BH01 - La Cienega Park. The only street in the City of Beverly Hills that is designated as a local scenic highway is Santa Monica Boulevard, which is located approximately 1.6 miles to the northwest of La Cienega Park. The buried water quality improvements at La Cienega Park would not be visible, and the surface would be restored. Bio-retention surface improvements are not expected to be inconsistent with the park setting. The improvements would not fall within the viewshed of a scenic highway, and would not adversely affect the park setting. In addition, the City's General Plan has established a policy to protect scenic views from public places (Open Space Element, Policy OS 6.1). The water quality improvements at the La Cienega Park would be subsurface and out of site, or would be located at the surface and consistent with a park setting (bio-retention features). As such, the improvements at La Cienega Park are not expected to result in adverse effects to scenic resources.

  It should be noted that the headquarters for the Academy of Motion Picture Arts and Sciences occupies the building just north of Fenton Field. The building, the former Beverly Hills Water Treatment Plant No. 1 meets the City of Beverly Hill's criteria for designation as a local Landmark, as required in the City's Historic Preservation Ordinance, and is considered historic (Ostashay & Associates Consulting, 2014). The water quality improvements would not occur on the same site as the Beverly Hills Water Treatment Plant No. 1 building, and would not require removal or physical changes to the historic building. As a consequence, the water quality improvements at the La Cienega Park are not expected to adversely affect a historic resource within a scenic highway corridor.

- CC04 - Culver Boulevard Median. The Culver City General Plan establishes a policy to protect view corridors (Objective 6 of Open Space Element). The Open Space Element also allows for the abandoned rail right-of-way median (southwest of Elenda Street to be used as a linear park, including landscaping, bike and jogging paths, and utilities and infrastructure. The existing median is landscaped and includes a walking and bike path. The water quality improvements at this site would likely be bio retention features that would not be visually inconsistent with existing landscaping along the median. The water quality improvements could also result in slightly expanded median (to the west); however, the surface improvements would not extend higher than existing landscaping and would not result in a substantive adverse impact to scenic resources or visual character of the project area.

- IG01 - Edward Vincent Junior Park. The Edward Vincent Jr. Park is landscaped and includes various active and passive recreational uses. The eastern section of Florence Avenue between Hillcrest Boulevard and the eastern City limit consists of diverse commercial, government, institutional, religious, and recreation (park) uses. Important resources along the eastern section which could be considered City landmarks include the Saint John Chrysostom Church, the Inglewood Park Cemetery, and the Edward Vincent Jr. Park (City of Inglewood General Plan Update Technical Background Report, 2006). Edward Vincent Junior Park is considered to be open space; however, no significant trees or rock outcroppings are present. The improvements at this site could occur at the surface within the

park boundaries; and would be consistent with a park setting. Therefore, the water quality improvements at Edward Vincent Jr. Park would not result in substantive impacts to scenic resources or visual character of the project area.

- LA05 - Lafayette Park. Lafayette Park is landscaped, and contains active and passive recreational uses. Trees are located throughout the park. This park is not located along a locally designated scenic highway. Further, because the improvements at this site would likely be buried and surface features restored to the same or better condition than currently exists, significant impacts to scenic resources would not occur.

  It should be noted that the Felipe De Neve Library, which is a historic resource (Los Angeles Historic Cultural Monument No. 452), is located adjacent to and north of the project site. The water quality improvements would not require removal or physical changes to the library, and as a consequence, are not expected to adversely affect a historic resource within a scenic highway corridor or adversely affect the visual character of the project area.

- LA12 – Rancho Park Golf Course. The Rancho Park Golf Course is largely landscaped as a golf course, but does contain baseball fields at the northeast side. Wilshire Boulevard, Santa Monica Boulevard, and Avenue of the Stars are designated as Scenic Highways in the West Los Angeles Community Plan; however, the golf course is not located within the associated scenic corridors. Because the water quality improvements at this site would likely be buried and surface features restored to the same or better condition than currently exists, significant impacts to scenic resources or visual character of the project area are not anticipated.

- LA20 – Poinsettia Park. Poinsettia Park is landscaped and developed with active recreational features. No locally designated scenic highways are located along or near this site. Because the water quality improvements at this site would likely be buried and surface features restored to the same or better condition than currently exists, significant impacts to scenic resources or visual character of the project area are not anticipated.

- LA21 - Queen Anne Recreation Center. The Queen Anne Recreation Center site is landscaped and developed with active and passive recreational features. Some trees are located onsite away from the active recreational fields. Because the water quality improvements at this site would likely be buried and surface features restored to the same or better condition than currently exists, significant impacts to scenic resources or visual character of the project area are not anticipated.

- WH01 – Plummer Park. Plummer Park site is a well-developed park with smaller green-spaces dispersed throughout the site and a large parking lot at the north end. Because the water quality improvements at this site would likely be buried at the north end and surface features restored to the same or better condition than currently exists, significant impacts to scenic resources or visual character of the project area are not anticipated.

d. Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

No Environmental Constraints. The Regional Projects would involve the placement of buried infiltration or storage structures, with surface features restored. Exterior lighting of such structures are not anticipated. Water quality improvements such as bio-retention of runoff and stormwater would be place at ground level. Some low intensity security lighting could be included; however, such lighting would not be intrusive and would not represent a substantial source of new lighting. As a consequence, adverse impacts related to new lighting sources are not anticipated.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
II.	**AGRICULTURE AND FOREST RESOURCES.** In determining whether impacts on agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest Range Assessment Project and the Forest Legacy Assessment Project; and the forest carbon measurement methodology provided in the Forest Protocols adopted by the California Air Resources Board. Would the project:				
a.	Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				X
b.	Conflict with existing zoning for agricultural use or conflict with a Williamson Act contract?				X
c.	Conflict with existing zoning for, or cause rezoning of, forest land (as defined in PRC Section 12220(g)) or timberland (as defined in PRC Section 4526)?				X
d.	Result in the loss of forest land or conversion of forest land to non-forest use?				X

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
e.	Involve other changes in the existing environment that, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?				X

Discussion:

a. Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

No Environmental Constraints. The California Department of Conservation's Farmland Mapping and Monitoring Program (FMMP) develops maps and statistical data to be used for analyzing impacts on California's agricultural resources. The FMMP categorizes agricultural land according to soil quality and irrigation status; the best quality land is identified as Prime Farmland. According to the FMMP, the proposed Regional Project sites are located in areas designated as Urban and Built-Up Land, which is described as land occupied by structures that has a variety of uses including industrial, commercial, institutional facilities, railroad or other transportation yards (California Department of Conservation, 2010 and 2011b). There is no Prime Farmland, Unique Farmland, Farmland of Statewide Importance, or Farmland of Local Importance in the vicinity of the Regional Project sites. Therefore, there would be no impact to designated farmland.

b. Would the project conflict with existing zoning for agricultural use or a Williamson Act contract?

No Environmental Constraints. The Regional Project sites are zoned for open space or developed as existing parks, and there are no agricultural zoning designations or agricultural uses within the Project limits or adjacent areas. The Williamson Act applies to parcels consisting of at least 20 acres of Prime Farmland or at least 40 acres of land not designated as Prime Farmland. None of the Regional Project sites are located within a Prime Farmland designation, or on areas consisting of more than 40 acres of farmland (California Department of Conservation, 2010 and 2011b). No Williamson Act contracts apply to the Regional Project sites. Therefore, the Regional Projects would not have an impact on agricultural zoning or a Williamson Act contract.

c. Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in PRC Section 12220(g)) or timberland (as defined in PRC Section 4526)?

No Environmental Constraints. The Regional Project sites are zoned for open space or used for parks, and therefore would not conflict with existing zoning for, or cause

rezoning of, forest land or timberland. Therefore, the Regional Projects would have no impact on land zoned for forest land.

d. Would the project result in the loss of forest land or conversion of forest land to non-forest use?

No Environmental Constraints. The Regional Projects would occur at existing park sites which have no forest land. The Regional Projects would not result in the loss of forest land or conversion of forest land to non-forest use.

e. Would the project involve other changes in the existing environment that, due to their location or nature, could individually or cumulatively result in loss of Farmland to non-agricultural use or conversion of forest land to non-forest use?

No Environmental Constraints. As discussed above, no farmland or forest land is located on the Regional Project sites. Therefore, the Regional Projects would not involve the disruption or damage of the existing environment that would result in the loss of Farmland to non-agricultural use or conversion of forest land to non-forest use.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
III.	**AIR QUALITY.** When available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:				
a.	Conflict with or obstruct implementation of the applicable air quality plan?			X	
b.	Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	X			
c.	Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is a non-attainment area for an applicable federal or state ambient air quality standard (including releasing emissions that exceed quantitative thresholds for ozone precursors)?	X			
d.	Expose sensitive receptors to substantial pollutant concentrations?	X			
e.	Create objectionable odors affecting a substantial number of people?			X	

Discussion:

a. Would the project conflict with or obstruct implementation of the applicable air quality plans?

No Environmental Constraints. The Regional Project sites are located within the South Coast Air Basin (SCAB), which is under the jurisdiction of the South Coast Air Quality Management District (SCAQMD). The SCAQMD is responsible for administering the Air Quality Management Plan (AQMP) for the Basin, which is a comprehensive air pollution control program for attaining state and federal ambient air quality standards. The Cities in which the Regional Project sites would occur have each adopted an Air Quality Element as part of their General Plan. The Air Quality Elements contains policies and goals for attaining state and federal air quality standards, while continuing economic growth, and includes implementation strategies for local programs contained in the AQMP. A significant impact could occur if the proposed project is inconsistent with the AQMP or the applicable General Plan.

The Regional Projects would place water quality improvements below each of the sites or at their surface, and would not require permanent changes in uses of the parks (or median). Rather, the Regional projects are deemed to be consistent with the planned and existing uses at each site and with the applicable general plan. Therefore, the Regional Projects are not expected to conflict with or obstruct implementation of the applicable air quality plan and no impact is anticipated.

b. Would the project violate any air quality standard or contribute substantially to an existing or projected air quality violation?

Some Environmental Constraints. Construction of the Regional Projects would require excavation of portions of each site for either the placement of subsurface storage and infiltration structures, or surface improvements. In addition, construction would be required to make connections with existing storm drains, as well as creation of accessory facilitates such as subsurface pump stations or wet wells. The South Coast Air Quality Management District (SCAQMD) has established thresholds of significance for criteria pollutants generated during construction and operation, and a significant impact would occur if the Regional Projects result in construction or operational emissions that exceed the thresholds. Construction is likely to require heavy equipment such as loaders, and excavators, and soil would require export from the sites. As a consequence, there is a possibility for construction emissions to exceed the SCAQMD significance thresholds, even with mitigation, depending on the construction phasing and schedule. Although such exceedances would not represent a substantial environmental constraint to the project, they would likely have the effect of increasing the length of time required for individual project approvals by requiring Mitigated Negative Declarations or Environmental Impact Reports for CEQA compliance. There is also the potential for the applicable decision-making body to determine that the benefits of an individual Regional Project do not override any associated significant impacts (including impacts to air quality), and therefore do not approve the project. However, this potential is considered to be minimal given the need for the Regional Projects and to comply with the MS4 permit requirements.

Operation of the proposed Project would occur either passively, or if pumping is required, would not likely utilize a substantial amount of energy or require more than nominal operational activities, and therefore, are not likely to result in emission in excess of the SCAQMD significance thresholds for operation. Therefore, operation of the Regional Projects would not likely pose environmental constraints.

c. Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?

Some Environmental Constraints. Construction of the Regional projects could result in emissions that exceed SCAQMD significance thresholds, and pose constraints related to individual Regional Project approval, as discussed above. Construction of the Regional Projects, in conjunction with construction of other water quality and related improvements, could result in cumulative air quality impacts. Cumulative impacts would be addressed as part of the County's Program EIR or in site specific environmental compliance documentation (under the California Quality Act) and would pose the same environmental constraint as described above under Checklist Item III.b.

d. Would the project expose sensitive receptors to substantial pollutant concentrations?

Some Environmental Constraints. As discussed above, construction of the Regional projects could result in emissions that exceeds SCAQMD significance thresholds. Many of the Regional Projects are located in close proximity to residences, which are considered to be sensitive receptors. The SCAQMD has established localized significance thresholds (LST) to address the impacts that pollutant concentrations could have on nearby receptors. There is a potential for construction to result in emissions in excess of the applicable LSTs, which would have the effect of increasing the length of time required for individual project approvals for CEQA compliance.

e. Would the project create objectionable odors affecting a substantial number of people?

No Environmental Constraints. Construction of the Regional Projects would result in some odors associated with diesel emissions from construction equipment. Diesel odors are common in urbanized environments, and during project construction, would be temporary and localized, and not expected to result in substantial odor impacts.

Air emissions, including odors, during operation are anticipated to be absent or minimal, as surface water would not be stagnant, and storage and infiltration units would be located underground. Therefore, operation of the Regional Projects are not expected to result in substantial odors.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
IV.	**BIOLOGICAL RESOURCES.** Would the project:				
a.	Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?			X	
b.	Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				X
c.	Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marshes, vernal pools, coastal wetlands, etc.) through direct removal, filling, hydrological interruption, or other means?				X
d.	Interfere substantially with the movement of any native resident or migratory fish or wildlife species, or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?		X		
e.	Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?		X		
f.	Conflict with the provisions of an adopted habitat conservation plan, natural community conservation plan, or other approved local, regional, or state habitat conservation plan?				X

Discussion:

a. Would the project have a substantial adverse impact, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or the U.S. Fish and Wildlife Service?

No Environmental Constraints. No candidate, sensitive, or special-status species are known to occur on the Regional Project sites. Sites LA05, LA20, LA21, and WH01 are located within the USGS Hollywood Quadrangle; sites LA12 and CC04 in the Beverly Hills quadrangle, and portions of site BH in both quadrangles. Federal and state listed threatened and endangered species are found in the Beverly Hills and Hollywood Quadrangles (CNDDB, 2014); however it is very unlikely that such habitat existing at any of the Regional Project sites, as those sites are all developed and actively used urban recreational areas. In addition, there are no Significant Ecological Areas (SEAs) in the vicinity of the Regional Project sites (LA County, 2014).

b. Would the project have a substantial adverse impact on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or the U.S. Fish and Wildlife Service?

No Environmental Constraints. There is no riparian habitat or wetlands located at any of the Regional Project sites or the immediate vicinity, as all of the sites are developed are recreational areas. IG01 had an existing drainage feature onsite; however, this drainage is lined with concrete and is devoid of riparian habitat. Each Regional Project site is designated in its respective general plan as recreation, open space, or other public use. In addition, no SEAs are located in the vicinity of the Regional Project sites.

c. Would the project have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marshes, vernal pools, coastal wetlands, etc.) through direct removal, filling, hydrological interruption, or other means?

No Environmental Constraints. There is no riparian habitat located at any of the Regional Project sites or the immediate vicinity, as all of the sites are developed are recreational areas (see discussion above for Checklist Item IV.b.).

d. Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species, or with established native resident or migratory wildlife corridors, or impede the use of wildlife nursery sites?

Some Environmental Constraints. There are no known terrestrial migration corridors within the vicinities of the Regional Project sites. The sites are located in urban areas, and are not connected with other open space areas via undeveloped or natural corridors. None of the Regional Project sites have water courses that can be used by migratory fish. Therefore, the Regional Projects would not interfere with wildlife migration.

The Regional Project sites include landscaped open space areas, including trees that could be used as nesting sites. Impacts to migratory birds and active nests are prohibited under the Federal Migratory Bird Treaty Act (MBTA), 50 C.F.R. Part 10, and Sections 3500 through 3705 of the California Fish and Game Code protect most

migratory bird species and active nests from harm or destruction. Nearly all native North American bird species are on the MBTA list. The nesting season varies according to species, but is generally February 15th through August 15th for most birds and January 31st through September 1st for raptors. If tree and vegetation removal would occur during nesting months at any Regional Project site, a confirmation bird survey at each of the sites should be performed to prevent disturbance of active nests. Such surveys are standard mitigation applied during site specific environmental documentation. The requirements for bird surveys are not expected to result in substantial environmental constraints, but could result in additional time requirements for CEQA compliance.

e. Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

Some Environmental Constraints. The Regional Projects would be located in the City of Beverly Hills (BH01), Culver City (CC04), City of Inglewood (IG01), City of Los Angeles (LA05, LA12, LA20, and LA21), and the City of West Hollywood (WH01). Each municipality has established various requirements for tree protection.

The City of Beverly Hills protects the following trees, regardless of their location (public or private property):

- Big Leaf Maple,
- California Alder,
- Foothill Ash,
- Arizona Ash,
- Southern California Black Walnut,
- California Juniper,
- California Sycamore,
- Fremont Cottonwood,
- Black Cottonwood,
- Coast Live Oak,
- Blue Oak,
- Mesa Oak,
- Valley Oak,
- Red Willow,
- Mexican Elderberry,
- California Bay.

Culver City has developed a Street Tree Master Plan (STMP), which identifies appropriate street tree types in specific areas of the City. Culver City's STMP identified the following trees for the Culver Boulevard Median in the project vicinity:

- Australian Willow
- Canary Island Pine

The City of Inglewood protects the following trees within its jurisdiction:

- Big Leaf Maple,
- California Buckeye,
- Madrone,
- Western Dogwood,
- California Sycamore,
- Canyon Live Oak,
- Oregon White Oak,
- Coast Live Oak,
- Blue Oak,
- California Black Oak,
- Valley Oak,
- California Bay,

- Interior Live Oak

The City of Los Angeles protects the following trees within its jurisdiction:

- Oak tree including valley oak,
- California Live Oak,
- Any other oak genus indigenous to California but excluding the scrub oak,
- Southern California Black Walnut,
- Western Sycamore,
- California Bay.

In addition, the City of Los Angles also designates trees of importance as Heritage Trees. At Lafayette Park (LA05), the City has designated a Firewheel tree (located near Wilshire Boulevard) as a Heritage Tree (Los Angeles, 2014).

The City of West Hollywood has a Heritage Tree Program for the purpose of identifying, promoting awareness, maintaining and protecting designated Heritage Trees located within the City. None of the designated trees are located at Plummer Park (WEHO. 2014).

There is a potential for the Regional Projects to result in some tree removal, depending on the specific locations and parameters of the water quality improvements, which would require permits or other approvals from the respective jurisdiction. In the case of LA05, it does not appear that the water quality improvements would adversely affect the Firewheel Tree; however, this should be addressed in any site–specific environmental document for LA05. The jurisdictions could apply conditions of approval, including tree replacements, or other measure that mitigate the removals. There tree removals would likely have the effect of increasing the length of time required for individual project approvals and CEQA compliance.

f. Would the project conflict with the provisions of an adopted habitat conservation plan, natural communities conservation plan, or any other approved local, regional, or state habitat conservation plan?

No Environmental Constraint. The Regional Project sites are located within urbanized areas and are developed as parks and recreational facilities. The sites are not located within an adopted Natural Communities Conservation Plan (NCCP) or Habitat Conservation Plan (HCP). In addition, the sites are not located in or near any SEA.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
V.	**CULTURAL RESOURCES.** Would the project:				
a.	Cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5?		X		
b.	Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?		X		
c.	Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?		X		
d.	Disturb any human remains, including those interred outside of formal cemeteries?			X	

Discussion:

a. Would the project cause a substantial adverse change in the significance of a historical resource as defined in State CEQA Guidelines §15064.5?

Some Environmental Constraints. The Regional Projects would be located at community parks, or on a center median. None of the Regional Project sites are developed with structures over the age of 50-years that would be directly affected, and therefore, none of the Regional Projects would result in demolition or relocation of any historic structure. However, one historic structure is located close to each of two sites, BH01 and LA05.

BH01 - La Cienega Park. The headquarters for the Academy of Motion Picture Arts and Sciences occupies the building just north of Fenton Field. The building, the former Beverly Hills Water Treatment Plant No. 1 meets the City of Beverly Hill's criteria for designation as a local Landmark, as required in the City's Historic Preservation Ordinance, and is considered historic. Since Fenton Field could include a buried tank or infiltration unit and the field is located in close proximity to the historic building, there is the potential for construction activities to indirectly affect the historic structure, depending on the specific location, depth, and construction methods for the water quality improvements. In order to address this potential environmental constraint, an appropriately licensed engineer should review the improvements at Fenton Field and develop, as necessary, means and measures to avoid damage related to proximity of construction to the historic structure. The constraint could have the effect of increasing the length of time required for individual project approvals and CEQA compliance.

LA05 - Lafayette Park. The Felipe De Neve Library, which is a historic resource (Los Angeles Historic Cultural Monument No. 452), is located adjacent to and north of the project site. The water quality improvements would not require removal or physical

changes to the library, and as a consequence, are not expected to directly adversely affect the historic resource. However, since buried tanks and/or infiltration units could be placed in Lafayette Park in close proximity to the historic building, there is the potential for construction activities to indirectly and affect the historic structure, depending on the specific location, depth, and construction methods for the water quality improvements. In order to address this potential environmental constraint, an appropriately licensed engineer should review the improvements at Lafayette Park and develop, as necessary, means and measures to avoid damage related to proximity of construction to the historic structure. The constraint could have the effect of increasing the length of time required for individual project approvals and CEQA compliance.

b. Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to State CEQA Guidelines §15064.5?

Some Environmental Constraints. The Regional Project site, except for CC01, would be constructed within the boundaries of community parks and recreation sites. The surfaces of these sites are developed for active recreational uses (fields and courts) and passive recreational uses (picnic areas, etc.), and are not intensively developed. Because the development history of these sites are unknown and the onsite development is low intensity, there could be undisturbed soils below the sites which contain archaeological resources. In addition, in the case of the Culver Boulevard median (CC04) , there could be artifacts related to its previous historic uses (railroad right-of-way). Based on this, site-specific cultural resource investigations, including a cultural resources records search and field survey by a qualified archaeologist) should be conducted, either prior to or as part of the site-specific environmental documentation for each Regional Project. Mitigation that may be applied in the site-specific environmental document may include monitoring of excavation work by a qualified archaeologist with the authority to halt construction, and the subsequent evaluation and curation of any discovered resources. This potential constraint could have the effect of increasing the length of time required for individual project approvals and CEQA compliance.

c. Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Some Environmental Constraints. Similar to the discussion under archaeological resources, the development history of the Regional Project sites are unknown and the onsite development is low intensity, there could be undisturbed subsurface geological units suitable for containing paleontological resources. The potential for the Culver Boulevard median to contain paleontological resources is somewhat limited due to prior ground disturbances associated with the rail right-of-way. However, a site-specific paleontological records search should be conducted by the County's Natural History Museum to determine whether paleontological resources can be present at the depths that would occur at each site, either prior to or as part of the site-specific environmental documentation for each Regional Project. Mitigation that may be applied in the site-specific environmental document may include monitoring of excavation work by a qualified paleontologist with the authority to halt construction, and the subsequent evaluation and curation of any discovered resources. This potential constraint could have the effect of increasing the length of time required for individual project approvals and CEQA compliance.

d. Disturb any human remains, including those interred outside of formal cemeteries?

No Environmental Constraint. No cemeteries or burial sites are known to have occurred at the Regional Project site; however, it is still possible that human remains exist in the subsurface. In the event that and unknown burial site or human remains are found during excavation, California Health and Safety Code Section 7050.5 requires that in the event of the discovery of human remains outside of a dedicated cemetery, all ground disturbances must cease and the county coroner must be notified. Section 7052 establishes a felony penalty for mutilating, disinterring, or otherwise disturbing human remains, except by relatives. Sections 5097.94 and 5097.98 of the Public Resources Code specify a protocol to be followed when the Native American Heritage Commission receives notification of a discovery of Native American human remains from a county coroner. Compliance with existing laws regarding the handling of human remains discovered outside of formal cemeteries are expected to address any issues associated with the unanticipated discovery of human remains, and no environmental constraints are anticipated.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
VI.	**GEOLOGY AND SOILS.** Would the project:				
a.	Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
	i.) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the state geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.			X	
	ii.) Strong seismic ground shaking?			X	
	iii.) Seismic-related ground failure, including liquefaction?			X	
	iv.) Landslides?				X
b.	Result in substantial soil erosion or the loss of topsoil?				X
c.	Be located on a geologic unit or soil that is unstable or that would become unstable as a result of the project and potentially result in an on-site or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?			X	
d.	Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?			X	
e.	Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems in areas where sewers are not available for the disposal of wastewater?				X

Discussion:

a. Would the project expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:

(i.) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the state geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

No Environmental Constraints. Southern California is one of the most seismically active areas in the U.S. Numerous active faults and fault zones are located within the general region, including the Portero, Hollywood-Raymond, and Newport Inglewood faults. The Regional Projects would include subsurface storage basins and structures, and/or surface improvements. As part of the design process for any structure or facility, a geotechnical study is performed that evaluated and identifies faults and fault zones that could affect the project, and that would make recommendations regarding project design based on the geotechnical considerations. Because geotechnical considerations are addressed during the design phase, the Regional Projects would not result in exposure of people or structures to substantial geotechnical hazards.

(ii.) Strong seismic ground shaking?

No Environmental Constraints. As discussed above, the Los Angeles Basin is an area of known seismic activity. The risk of seismic hazards such as ground shaking cannot be avoided. Similar to the earthquake fault hazards described above, geotechnical considerations are required in the design phase, which would keep the Regional projects from resulting in exposure of people or structures to substantial geotechnical hazards related to ground shaking.

(iii.) Seismic-related ground failure, including liquefaction?

Less Than Significant Impact. Similar to the earthquake hazards described above, a geotechnical study for each Regional Project would be prepared to address geotechnical considerations, including liquefaction, during the Project design phase, which would keep the Regional projects from resulting in exposure of people or structures to geotechnical hazards related to liquefaction.

(iv.) Landslides?

No Environmental Constraints. The Regional Projects would be constructed and operate on various community park sites and a center median. The project sites are relatively flat with no substantial natural or graded slopes. The Regional Projects are not located near any landslide hazard areas; therefore, there would be no environmental constraints.

b. Would the project result in substantial soil erosion or the loss of topsoil?

No Environmental Constraints. The majority of Regional Projects would involve storage structures beneath community recreation areas, and would not result in erosion. Some Regional Projects would place bio-retention features at the ground surface (BH01, IG01, and CC04); however, these improvements would be engineered and constructed in a manner that infiltrates captured stormwater, rather than conveys it offsite. These

design features would limit the potential for erosion, and would not represent an environmental constraint.

c. Is the project located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on-site or off-site landslides, lateral spreading, subsidence, liquefaction, or collapse?

No Environmental Constraints. As discussed above, a geotechnical study for each Regional Project would be prepared to address geotechnical considerations during the Project design phase, which would keep the Regional Projects from resulting in substantive geotechnical hazards or risk exposure.

d. Is the project located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?

No Environmental Constraints Expansive soils generally result from specific clay minerals that expand when saturated and shrink when dry. Expansive clay minerals are common in the geologic deposits throughout the Southern California region. As discussed above, a geotechnical study for each Regional Project would be prepared to address geotechnical considerations (including expansive soils) during the Project design phase, which would keep the Regional Projects from resulting in substantial risks to life or property.

e. Would the project have soils that are incapable of supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

No Environmental Constraints. The Regional Projects are water quality improvement projects that do not generate wastewater. Therefore, the Regional Projects would not result in environmental constraints related to alternative wastewater disposal methods.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
VII.	**GREENHOUSE GAS EMISSIONS.** Would the project:				
a.	Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			X	
b.	Conflict with any applicable plan, policy, or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?			X	

Discussion;

a. Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

No Environmental Constraints. The Regional Projects would generate criteria pollutant emissions during construction, including CO2 and equivalents. Construction emissions are amortized over 30-years, and are not likely to result in substantive annual greenhouse gas emissions. In addition, operation of the Regional Projects would consist of the pumping of stormwater to the treatment devices, and are not expected to generate substantial levels of greenhouse gasses.

b. Would the project conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?

No Environmental Constraints. The Regional Projects are water quality improvement projects that would not generate substantial greenhouse gas emissions. Because of this, the Regional Projects are not expected to not conflict with any applicable plans, policies, or regulations adopted by the state and local jurisdictions for the purposes of reducing GHG emissions.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
VIII.	**HAZARDS AND HAZARDOUS MATERIALS.** Would the project:				
a.	Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			X	
b.	Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?		X		
c.	Emit hazardous emissions or involve handling hazardous or acutely hazardous materials, substances, or waste within 0.25-mile of an existing or proposed school?				X
d.	Be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				X
e.	Be located within an airport land use plan area or, where such a plan has not been adopted, be within 2 miles of a public airport or public use airport, and result in a safety hazard for people residing or working in the project area?				X
f.	Be located within the vicinity of a private airstrip and result in a safety hazard for people residing or working in the project area?				X
g.	Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?			X	

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
h.	Expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?				X

Discussion:

a. Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

No Environmental Constraint. Construction activities associated with the Regional Projects are not likely to involve the use of substantial quantities of hazardous materials and the most likely source of hazardous materials would be from vehicles and construction equipment at the site. However, there could be small amounts of hazardous materials, including solvents and lubricants used to maintain construction equipment. These materials would be confined and located at the applicable staging areas. Federal and state regulations that govern the storage of hazardous materials in containers (i.e., the types of materials and the size of packages containing hazardous materials), secondary confinement requirements, and the separation of containers holding hazardous materials, would limit the potential adverse impacts of contamination to a relatively small area. In compliance with the State General Permit for Storm Water Discharges Associated with Construction Activity and a Project-specific SWPPP, standard BMPs would be used during construction activities to minimize runoff of contaminants and clean-up any spills. Applicable BMPs include, but are not limited to controls for: vehicle and equipment fueling and maintenance; material delivery, storage, and use; spill prevention and control; and waste management. Therefore, implementation of construction standards would minimize the potential for an accidental release of petroleum products, hazardous materials, and/or explosion during construction activities at the Project site. As a consequence, construction would not create an environmental constraint related to potential hazards to the public or the environmental through the routine transport, use, or disposal of hazardous materials.

Operation of the Regional Projects would be automated (with minimal electrical consumption for pumping) and would not require hazardous materials, or otherwise create a substantial hazard to the public or the environmental through the routine transport, use, or disposal of hazardous materials.

b. Would the project create a significant hazard to the public or the environment through the reasonably foreseeable upset and accident conditions involving the likely release of hazardous materials into the environment?

Some Environmental Constraints. The Regional Projects would be located on or beneath community parks, or in the case of CC04, on or beneath the center median. The Regional Project park sites are primarily located in residential or mixed commercial residential areas, Various hazardous materials and contamination databases were

reviewed (Geotracker and Envirostor), and two Regional Project sites were identified as having past actions to remediate contamination, BH01 and IG01.

None of the other Regional Project sites were documented to have been subject to past remediation efforts. Based on this, Regional Projects LA05, LA12, LA20, LA21, and WH01 are not expected to create a hazard to the public or environment during construction.

- BH01 - La Cienega Park. Regional Project site BH01 includes a small parcel at the northeast corner of Olympic Boulevard and La Cienega Boulevard (APN 5088-001-001), which is outside of the La Cienega Park. The small parcel is currently vacant, but a gas station was present on the site in the past (Geotracker, 2014). A gasoline leak was discovered at the site in 1989, was investigated in the early 2000s, and subsequently remediated. A final closure was issued by the Regional Water Quality Control Board (RWQCB) in 2007 and the case was closed. Residual contaminants may still be present at the southern parcel, and as such, could be encountered during construction if a water quality improvement is proposed for this parcel. This parcel may not be owned by the City of Beverly Hills, and if not, would likely need to be acquired by the City prior to implementing water quality improvements. If the parcel is to be acquired by the City, additional due diligence (for contamination) should be performed as part of the land acquisition process. A due diligence investigation and any residual contamination could have the effect of extending the time required for land acquisition, and introducing additional design and construction requirements. The constraint could also have the effect of increasing the length of time required for individual project approvals and CEQA compliance.

- IG01 - Edward Vincent Junior Park. Approximately 1.4 acres of the Edward Vincent Jr. Park was used by the Gas Co. for the production of "manufactured gas" in the early 1900s. Gas was manufactured at the site from coal and oil. The byproducts from this operation were tars, oils, sludges, lampblack etc, which were sold to various industrial uses. Some of these byproduct residues were found in soils (1995), including polycyclic aromatic hydrocarbons (PAH). Elevated levels of heavy metals such as lead and arsenic were also found. The Department of Toxic Substances (DTSC) subsequently entered into a Removal Action Consent Order with the Southern California Gas Company for the Inglewood Manufactured Gas Plant site, and oversaw thew remediation of the contamination, which included the excavation of 5,824 tons of soil contaminated from former MGP operations. Excavated soil was recycled by thermal treatment. Sampling verified the achievement of cleanup goals. Clean soil was imported, backfilled, compacted and resodded. The remediation was completed in February of 1995 and this section of the public park.

  Residual contaminants could potentially still be present at the southern parcel, and as such, could be encountered during construction if a buried water quality improvement is proposed for the western portion of the Edward Vincent Jr. Park (where the gas plant was located). Residual contamination, if present, could have the effect of extending the time required for project planning and implementation by introducing additional design and construction requirements. The constraint could also have the effect of increasing the length of time required for individual project approvals and CEQA compliance.

- CC04 - Culver Boulevard Median. The Culver Boulevard median is a former rail right-of-way, and although no contamination releases have been identified through the databases, there is a potential for subsurface railroad-related contamination to be present in the median, such as hydrocarbons, metals, and other substances. Contamination, if present, could have the effect of extending the time required for project planning and implementation by introducing additional design and construction requirements. The constraint could also have the effect of increasing the length of time required for individual project approvals and CEQA compliance.

c. Would the project emit hazardous emissions or handle hazardous materials or acutely hazardous materials, substances, or waste within 0.25-mile of an existing or proposed school?

No Environmental Constraint. None of the Regional Projects would utilize processes that could emit hazardous emissions or otherwise release hazardous substances or wastes. Infiltration devices would contain filtration systems designed to remove oils, metals, and other pollutants from storm water; however, the filters would be removed and disposed of in accordance with manufacturers' recommendations and would not be released to the environment. Because of this, no environmental constraint associated with the Regional Projects are expected.

d. Is the project located on a site that is included on a list of hazardous material sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

No Environmental Constraint. The provisions in Government Code Section 65962.5 are commonly referred to as the "Cortese List" (after the Legislator who authored the legislation that enacted it). Because this statute was enacted over twenty years ago, some of the provisions refer to agency activities that were conducted many years ago and are no longer being implemented and, in some cases, the information to be included in the Cortese List does not exist. While Government Code Section 65962.5 makes reference to the preparation of a "list," many changes have occurred related to web-based information access since 1992 and this information is now largely available on the Internet sites of the responsible organizations (CalEPA, 2014). The California Environmental Protection Agency (CalEPA) has identified the data resources that provide information regarding the facilities or sites identified as meeting the "Cortese List" requirements (Cal EPA, 2014b).

- List of Hazardous Waste and Substances sites from Department of Toxic Substances Control (DTSC) EnviroStor database
- List of Leaking Underground Storage Tank Sites by County and Fiscal Year from State Water Board GeoTracker database
- List of solid waste disposal sites identified by the State Water Board with waste constituents above hazardous waste levels outside the waste management unit.

- List of "active" Cease and Desist Orders (CDO) and Cleanup and Abatement Order (CAO) from the State Water Board[1]
- List of hazardous waste facilities subject to corrective action pursuant to Section 25187.5 of the Health and Safety Code, identified by DTSC.

The Hazardous Waste and Substance Site List maintained by the DTSC Information was downloaded from the DTSC EnviroStor website (DTSC, 2014), and reviewed. The Regional Project sites are not listed in the Hazardous Waste and Substance Site.

The Leaking Underground Storage Tank (LUST) Cleanup Sites contained in the State Water Resources Control Board (SWRCB) GeoTracker database was queried (November, 2014) by zipcode or city, and the Regional Project sites are not contained in the LUST Cleanup Site list.

The list of solid waste disposal sites identified by the SWRCB with waste constituents above hazardous waste levels outside the waste management unit (CalEPA, 2014c) was reviewed, and the Project site was not contained in the list.

The list of "active" CDOs and CAOs from the SWRCB (SWRCB, 2014b) was downloaded on November 20, 2014 and reviewed (sorted and searched). The Regional Project sites are not contained in the list of "active" CDO and CAO.

The DTSC list of hazardous waste facilities subject to corrective action pursuant to Section 25187.5 of the Health and Safety Code (DTSC, 2014b) contains only two facilities, and the Regional Project sites are not included in this list.

Based on the reviews of the specific lists that currently comprise the Cortese List, none of the Regional Project sites are contained on a list of hazardous material sites compiled pursuant to Government Code Section 65962.5. It should be noted that BH01 and IG01 have had past remediation activities, but these sites have been officially closed and are not currently on a Cortese List database.

e. For a project located within an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?

No Environmental Constraints. The Regional Project site that is closest to a public airport is IG01, which is located approximately 3.4 miles east of the LAX runways. Further, none of the Regional Project sites are located within an airport land use plan or within two miles of a public airport; therefore, there would be no environmental constraints.

f. For a project located within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?

No Environmental Constraints. There are numerous private airports throughout Los Angeles County, which include heliports. The proximity of the heliports to any of the Regional Projects would not result in a safety hazard for people working in the Project area, as the Regional Project would have no effect on air transport activities or their flight

[1] This list contains many CDOs and CAOs that do NOT concern the discharge of wastes that are hazardous materials. Many of the listed orders concern, as examples, discharges of domestic sewage, food processing wastes, or sediment that do not contain hazardous materials, but the State Water Boards' database does not distinguish between these types of orders.

paths. The Regional Projects would therefore not result in any safety hazards for people in the vicinity of the sites.

g. Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

No Environmental Constraint. The Regional Project sites are currently used for recreational activities (active and passive).The Culver Boulevard median (CC04) has a walking/bike path and is landscaped. Although the Regional Projects would place water quality improvement infrastructure within the park and recreational sites, additional construction would be required at each site to connect with the existing storm drain system, which are located within the streets surrounding each site. The storm drain connections would involve excavations into the streets to make the tie-ins with the storm drains, and would require the temporary closure of one or more lanes while street work is occurring. However, work would occur under permit from the applicable City, and appropriate notifications would be made to local emergency providers so that alternative routes can be planned for in the event of an emergency. As a standard practice, street work would be subject to the requirements of a Traffic Control Plan approved by the local transportation agency, or would comply with applicable work area traffic control requirements. In addition, contractors would have steel plating available in the event excavations need to be quickly spanned. Aside from the temporary street work, no other disruptions to the local transportation system would occur, and substantial interruptions to emergency access are not anticipated.

h. Would the project expose people or structures to the risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

No Environmental Constraint. The Regional Project sites are developed as community park and recreations areas, or landscaped center median, and no wildlands are present at the Regional Project sites. The areas immediately surrounding the Regional Project sites are urbanized, and no increased wildland fire hazard is expected as a result of the water quality improvements at each site.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
IX.	**HYDROLOGY AND WATER QUALITY.** Would the project:				
a.	Violate any water quality standards or waste discharge requirements?		X		
b.	Substantially deplete groundwater supplies or interfere substantially with groundwater recharge, resulting in a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level that would not support existing land uses or planned uses for which permits have been granted)?				X
c.	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner that would result in substantial erosion or siltation on site or off site?				X
d.	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on site or off site?			X	
e.	Create or contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?			X	
f.	Otherwise substantially degrade water quality?				X
g.	Place housing within a 100-year flood hazard area, as mapped on a federal Flood Hazard Boundary, Flood Insurance Rate Map or other flood hazard delineation map?				X

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
h.	Place within a 100-year flood hazard area structures that would impede or redirect flood flows?				X
i.	Expose people or structures to a significant risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam?			X	
j.	Contribute to inundation by seiche, tsunami, or mudflow?			X	

Discussion:

a. Would the project violate any water quality standards or waste discharge requirements?

Some Environmental Constraints. The Regional Projects would install and operate water quality improvement facilities are seven parks and a center median in the Ballona Creek watershed, which would divert, treat, and infiltrate stormwater in order to meet the requirements of the MS4 permits. The Regional Projects would generally result in beneficial impacts to water quality.

However, for BH01, CC04, and IG01, there is a potential for residual contamination to be present at portions of the sites (see Checklist Item VIII.b. above). If residual contamination does still exist and infiltration would occur in areas where the residual contamination is present, then there is a potential for adverse water quality impacts to groundwater. This potential environmental constraint could result in increased time for the planning and design of these three Regional Projects, and could also have the effect of increasing the length of time required for individual project approvals, design and CEQA compliance.

b. Would the project substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (i.e., the production rate of pre-existing nearby wells would drop to a level that would not support existing land uses or planned uses for which permits have been granted)?

No Environmental Constraints. The Regional Projects would not be located in areas used for groundwater recharge and therefore would not interfere with groundwater recharge. The Regional Projects would divert runoff and stormwater from the storm drain system in the Ballona Creek watershed, and treat and infiltrate some of the diverted stormwater. As a consequence, the Regional Projects are considered to provide beneficial effects to groundwater by increasing infiltration above baseline conditions.

c. Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner that would result in substantial erosion or siltation on site or off site?

No Environmental Constraints. The Regional Projects would be located within community parks or a center median, and would not result in physical changes to a stream or river. All Regional Project sites would be restored following construction. Infiltration would occur subsurface and would not result in erosion. Bio-retention features would be designed to properly manage the diverted runoff and storm water, and would not result in erosion.

d. Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on site or off site?

No Environmental Constraints. The Regional Projects would divert and store or divert and treat/infiltrate a portion of the stormwater generated within the Ballona Creek watershed, and would have the effect of decreasing the amount and slowing runoff generated in the watershed, which are considered to be beneficial effects. In addition, the stormwater diversions would decrease the potential for flooding downstream.

e. Would the project create or contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?

No Environmental Constraints. The Regional Projects would divert and store or treat/infiltrate a portion of the stormwater generated within the Ballona Creek watershed, and would have the effect of improving runoff quality and decreasing the potential for flooding downstream.

f. Would the project otherwise substantially degrade water quality?

No Environmental Constraints. No constraints regarding water quality are anticipated beyond those discussed under Checklist Item IX.a. above.

g. Would the project place housing within a 100-year floodplain, as mapped on a federal Flood Hazard Boundary, Flood Insurance Rate Map or other flood hazard delineation map?

No Environmental Constraints. No housing is proposed under any of the Regional Projects.

h. Would the project place within a 100-year floodplain structures that would impede or redirect flood flows?

No Environmental Constraints. The water quality improvements under the Regional Projects would be either buried infiltration or storage units, or surface bio-retention features, neither of which would impede site runoff or flood flows.

i. Would the project expose people or structures to a significant risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam?

No Environmental Constraints. Based on a review of the safety elements of the general plans of the City of Beverly Hills, Culver City, Inglewood, Los Angeles and West Hollywood, Regional Projects BH01, CC04, LA20, LA21, and WH01 appear to be within potential inundation or flood areas, including areas subject to flooding in the event of a dam failure. However, the Regional Projects would not house people or otherwise increase the risk of exposure to risks related to potential flooding. In addition, the Regional Projects are stormwater management projects that are expected to result in beneficial effects to downstream conveyance capacity in the event of a flood.

j. Would the project contribute to inundation by seiche, tsunami, or mudflow?

No Environmental Constraints. The Regional Project sites are not located within a tsunami hazard zone, or near inland water bodies that could be subject to a seiche. In addition, the sites are relatively flat and are not subject to mudflows.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
X.	**LAND USE AND PLANNING.** Would the project:				
a.	Physically divide an established community?				X
b.	Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to, a general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?				X
c.	Conflict with any applicable habitat conservation plan or natural community conservation plan?				X

Discussion:

a. Would the project physically divide an established community?

No Environmental Constraints. The Regional Projects would be located within existing community parks or a center median, and would not physically divide the surrounding communities.

b. Would the project conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to, the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

No Environmental Constraints. The Regional Projects would be placed within community parks that are designated as open space or public facilities, and are considered to be consistent with planned and existing uses.

Regarding Regional Project WH01, a master plan has been prepared for Plummer Park, and the water quality improvements do not appear to conflict with the master plan.

c. Would the project conflict with any applicable habitat conservation plan or natural communities conservation plan?

No Environmental Constraints. The Regional Project sites do not fall within or near an area covered by a habitat conservation plan or natural communities conservation plan. In addition, there are no Significant Ecological Areas in the vicinity of the Regional Projects.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XI.	**MINERAL RESOURCES.** Would the project:				
a.	Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?				X
b.	Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?				X

Discussion:

a. Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

No Environmental Constraints. The Regional Projects would be located within existing community parks or a center median, and none of the sites are designated as containing important mineral resources.

b. Would the project result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?

No Environmental Constraints. The Regional Project sites are designated in the applicable general plan as open space or parks, and in the case of the Culver Boulevard median, for possible use as a linear park. Therefore, the Regional Projects would not result in the loss of availability of mineral resources.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XII.	**NOISE.** Would the project:				
a.	Expose persons to or generate noise levels in excess of standards established in a local general plan or noise ordinance or applicable standards of other agencies?			X	
b.	Expose persons to or generate excessive groundborne vibration or groundborne noise levels?			X	
c.	Result in a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?			X	
d.	Result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?		X		
e.	Be located within an airport land use plan area, or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport and expose people residing or working in the project area to excessive noise levels?				X
f.	Be located in the vicinity of a private airstrip and expose people residing or working in the project area to excessive noise levels?				X

Discussion:

a. Would the project result in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance or applicable standards of other agencies?

No Environmental Constraints. The Regional Projects would be constructed at various park sites or landscaped center median. The sites are located in urbanized areas, and nearby land uses include primarily single-family and multi-family residences, and/or commercial establishments. Constriction noise is typically governed by ordinance in each jurisdiction.

- Beverly Hills Construction Noise Regulations. The City of Beverly Hills (Municipal Code section 5-1-205) restricts construction between the hours of 6:00 PM and 8:00 AM of any day, or at any time on a Sunday or public holiday, as well as construction within a residential zone, or within 500 feet of a residential zone, at any time on a Saturday.

- Culver City Noise Regulations. Culver City (Municipal Code 9.04.020[D][2]) prohibits construction between the hours of 7:00 PM. and 8:00 AM. Monday through Friday, between 7:00 PM. and 9:00 AM on Saturday, and between 7:00 PM. and 10:00 AM. on Sunday.
- City of Inglewood Noise Regulations. The City of Inglewood (Municipal Code Section 5-41) prohibits construction between the hours of 8:00 PM. and 7:00 AM. every day if construction occurs within a residential zone or within 500 feet of a residence.
- City of Los Angeles Noise Regulations. The City of Los Angeles (municipal Code, Chapter IV, Article 1, Section 41.40) allows construction Monday through Friday between 7:00 AM to 9:00 PM, Saturdays and National Holidays between 8:00 AM to 6:00 PM, and prohibits construction on Sundays (except for residents). The noise regulations also prohibit night construction if related noise can disturb persons occupying sleeping quarters in any dwelling, hotel, or residence. Major public works projects conducted by the City are exempt from this weekend and holiday restriction.
- City of West Hollywood. The City of West Hollywood allows construction allowed Monday through Friday between 8:00 AM to 7:00 PM, and on Saturdays from 8:00 AM to 7:00PM (for interior work only). Work is prohibited on Sundays or City holidays.

Construction of the Regional Projects would occur within the hours allowed for in the applicable noise regulations, and would therefore be consistent with the governing noise standards.

Operation of the Regional Projects could require some pumping of stormwater to the infiltration structure, storage basin, or bio-retention feature; however, the pumps would likely be underground and would not generate noticeable noise. The water quality improvements would require periodic maintenance, however, maintenance activities would not result in substantial elevation in ambient noise.

b. Expose persons to or generate excessive groundborne vibration or groundborne noise?

No Environmental Constraints. Construction activities of the Regional Projects would generate some level of vibration. Construction equipment such as excavators, loaders, and haul trucks would generate vibrations that could result in groundborne noise or vibration that could affect nearby structures or residences. Transient vibration levels greater than 0.5 inches per second (in/sec) and continuous/frequent intermittent vibration levels greater than 0.3 in/sec have the potential to damage older residential structure. Additionally, transient vibration levels greater than 2.0 in/sec or continuous sources greater than 0.4 in/sec would be severely noticeable to a human (Caltrans, 2013b). All phases of the construction involve multiple trucks and other vibration producing equipment resulting in vibration levels approximately up to 0.02 in/sec at the closest residences. Excessive groundborne vibration and/or groundborne noise are not anticipated. Therefore, substantial vibrations are not expected to occur during construction of the Regional Projects.

Operation of the Regional Project could include changing of filters in runoff treatment units and general inspections; however, these types of maintenance activities do not

produce substantive vibrations. Therefore, operation of the proposed Project would not result in impacts related to groundborne vibration or noise.

c. Result in a substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

No Environmental Constraints. Operation of the Regional Projects would include pump stations or wet wells that transfer stormwater from storm drains to the water quality improvement structures, as well as general maintenance activities. Pump stations would be underground or housed in small structures, and are not expected to produce audible noise. Because of this, operation of the Regional Projects are not expected to result in permanent increase in ambient noise levels.

d. Would the project result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

Some Environmental Constraints. Construction of the Regional Projects would occur within the hours allowed for in the applicable local noise regulations, and although construction would result in temporary increases in noise levels compared to ambient conditions without construction, the noise levels are presumably not considered to be substantial (in the City of Beverly Hills, Culver City, City of Inglewood, and the City of West Hollywood) due to compliance with noise regulations.

However, for construction projects in the City of Los Angeles that last more than 10 days within a three-month period, the City recommends using the threshold of significance of 5 dBA or more increase in noise levels over existing ambient community noise equivalent level (CNEL), which is a type of 24-hour average noise level (City of Los Angeles, 2006). Given the extent of construction, the anticipated construction durations, and the surrounding noise receptors, it is likely that construction of the Regional Projects in the City of Los Angeles (LA05, LA12, LA20, and LA21) would result in temporary elevations of the CNEL in excess of the 5dBA threshold, which would have the effect of increasing the length of time required for individual project approvals and CEQA compliance.

e. For a project located within an airport land use plan or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

No Environmental Constraints. None of the Regional Project sites are located within an airport land use plan or within 2 miles of a public airport.

f. For a project located within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

No Environmental Constraints. There are numerous private airports throughout Los Angeles County, which include heliports. The proximity of the heliports to any of the Regional Projects would not result in exposure of people to excessive noise levels, as the Regional Project would have no effect on air transport activities or their flight paths, and would not cause people to move closer to a private airport.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XIII.	**POPULATION AND HOUSING.** Would the project:				
a.	Induce substantial population growth in an area, either directly (e.g., by proposing new homes and businesses) or indirectly (e.g., through extension of roads or other infrastructure)?				X
b.	Displace a substantial number of existing housing units, necessitating the construction of replacement housing elsewhere?				X
c.	Displace a substantial number of people, necessitating the construction of replacement housing elsewhere?				X

Discussion:

a. Would the project induce substantial population growth in an area, either directly (e.g., by proposing new homes and business) or indirectly (e.g., through extension of roads or other infrastructure)?

No Environmental Constraints. The Regional Projects are water quality improvement projects that would not result in substantive employment demand and do not have a housing component that could induce population growth.

b. Would the project displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?

No Environmental Constraints. No housing is located on any of the Regional Project sites, and no housing displacements would occur.

c. Would the project displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

No Environmental Constraints. There is no housing within the Regional Project site boundaries that would be displaced. The Regional Projects would not result in the displacement of any persons, or the need for replacement housing.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XIV.	**PUBLIC SERVICES.** Would the project:				
a.	Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities or a need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the following public services:				
	i.) Fire protection?				X
	ii.) Police protection?				X
	iii.) Schools?				X
	iv.) Parks?				X
	v.) Other public facilities?				X

Discussion:

a. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities or a need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:

i.) Fire Protection

No Environmental Constraints. The Regional Projects are water quality improvement projects that would not increase housing or induce population growth that could in turn increase the need for new fire protection services. Although the Regional Projects would involve some construction within the street system to connect to storm drains, the construction is not expected to substantively increase fire protection response times because prior notifications to emergency service providers occur as a standard permit condition for in-street construction.

ii.) Police Protection

No Environmental Constraints. The Regional Projects are water quality improvement projects that would not increase housing or induce population growth that could in turn increase the need for new police protection services. Although the Regional Projects would involve some construction within the street system to connect to storm drains, the construction is not expected to substantively increase police protection response times

because prior notifications to emergency service providers occur as a standard permit condition for in-street construction.

iii) Schools

No Environmental Constraints. The Regional Projects are water quality improvement projects that would not increase housing or induce population growth that could in turn increase the need for new schools.

iv) Parks

No Environmental Constraints. The Regional Projects are water quality improvement projects that would not increase housing or induce population growth that could in turn increase the need for new parks. Environmental constraints related to impacts on existing community parks are discussed under Checklist Item XV.b. below.

v) Other Public Facilities

No Environmental Constraints. The Regional Projects are water quality improvement projects that would not increase housing or induce population growth that could in turn increase the need for new public facilities.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XV.	**RECREATION.** Would the project:				
a.	Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				X
b.	Include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?		X		

Discussion:

a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

No Environmental Constraints. The Regional Projects would construct and operate water quality improvement facilities at specific community parks (and a center median) in the City of Beverly Hills, Culver City, City of Inglewood, City of Los Angeles, and the City of West Hollywood. The water quality improvement facilities are considered to be infrastructure projects that do not increase the housing stock and do not result in the movement or relocation of people from one area to another. As a consequence, the Regional Projects would not result in increased demand for recreational facilities and would therefore not directly or indirectly result in physical deterioration of parks or other recreational facilities.

b. Does the project include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?

Some Environmental Constraints. The Regional Projects would construct and operate water quality improvement facilities at specific community parks (and a center median) in the City of Beverly Hills, Culver City, City of Inglewood, City of Los Angeles, and the City of West Hollywood. Because the community parks and center median are utilized by the Public for recreation and because the excavation would be required, some of the recreational uses at each Regional Project site would be temporarily disrupted, and are discussed below.

- BH01 - La Cienega Park. The water quality improvement features at La Cienega Park include buried storage basins and infiltration units at the main park site (east of La Cienega Boulevard), either a buried structure or surface bio-retention feature at Fenton Field (west of La Cienega Boulevard), and a buried unit at the parcel located at the northeast corner of Olympic Boulevard and La Cienega Boulevard. The improvements on the parcel would not affect any park or

recreational uses, as the parcel is not a part of the La Cienega Park. The improvements, depending on where they would be located, would require substantial excavation of the main park site, which could result in temporary closure of one or more active fields, playground, and/or running path. The closures would occur for the duration of construction (estimated to be 12-18 months) and the amount of time it would take to restore the fields, and other affect recreational features (estimated at 1-2 months). If the water quality improvement at Fenton Field would be buried unit, the field would be temporary closed for up to 18 months during construction. If the improvement is a surface bio-retention feature, the use of Fenton Field would be restricted on an on-going basis during wet weather, and for additional periods to allow for the field to drain (infiltration). These temporary and seasonal loss (Fenton Field) of recreational areas of La Cienega Park are likely to require close coordination between the City of Beverly Hills and stakeholders to develop suitable mitigation options for addressing the temporary and seasonal loss of recreational uses. This represents an environmental constraint which would have the effect of increasing the length of time required for project approval and CEQA compliance.

- CC04 - Culver Boulevard Median. The water quality improvements at the Culver Boulevard median would likely be a surface bio-retention type of improvement which would require rebuilding the median. This would result in a closure of the existing walking/bike path on the median during construction and rebuilding. It is unclear at this time whether the walking/bike path would be restored on the median, or relocated. The temporary closure Culver Boulevard median recreational features during construction, and potential permanent changes to the bike and walking path along the median are likely to require close coordination between Culver City and stakeholders to develop suitable mitigation options for addressing impacts to recreational uses of the median. This represents an environmental constraint which would have the effect of increasing the length of time required for project approval and CEQA compliance.

- IG01 - Edward Vincent Junior Park. The water quality improvements proposed for the Edward Vincent Jr. Park include surface features such as bio-retention along existing drainage contours. The improvements could require the temporary closure of some passive recreational uses, closure of the active fields, and potentially their relocation within the Park. In addition, the water quality improvements could span a large portion of the Park in an east-west direction, and when water is captured and before it infiltrates, they could restrict further use of the park. The potential of water quality improvements to adversely affect park uses are likely to require close coordination between the City of Inglewood and stakeholders to develop suitable mitigation options for addressing impacts to recreational uses within Edward Vincent Jr. Park. This represents an environmental constraint which would have the effect of increasing the length of time required for project approval and CEQA compliance.

- LA05 - Lafayette Park. The water quality improvement features at Lafayette Park include buried storage basins and infiltration structures throughout the main park site. The improvements are likely to require substantial excavation of the main park site, which could result in temporary closure of one or more active areas (soccer field and basketball courts), skate park, and passive recreational areas (picnic and landscaped areas). The closures would occur for the duration of

construction (estimated to be 12-18 months) and the amount of time it would take to restore the fields, and other affect recreational features (estimated at 1-2 months). These temporary closure of the recreational uses within Lafayette Park are likely to require close coordination between the City of Los Angeles and stakeholders to develop suitable mitigation options for addressing the temporary loss of recreational uses. This represents an environmental constraint which would have the effect of increasing the length of time required for project approval and CEQA compliance.

- LA12 – Rancho Park Golf Course. The water quality improvement features at Rancho Park include buried storage basins and infiltration units at the northeast end of the park (beneath the baseball fields), and at the southwest end of the park (near the Rancho Park Golf Course). The improvements would require substantial excavation, which could result in temporary closure of the baseball fields, and potentially a small section of the southwestern end of the golf course. The closures would occur for the duration of construction (estimated to be 12-18 months) and the amount of time it would take to restore the fields, and other affect recreational features (estimated at 1-2 months). The temporary closure of the recreational uses within Rancho Park and the golf course are likely to require close coordination between the City of Los Angeles and stakeholders to develop suitable mitigation options for addressing the temporary loss of recreational uses. This represents an environmental constraint which would have the effect of increasing the length of time required for project approval and CEQA compliance.

- LA20 – Poinsettia Park. The water quality improvement features at Poinsettia Park include buried storage basins and infiltration units at the north end of the park (beneath the baseball fields). The improvements would require substantial excavation, which could result in temporary closure of the baseball fields, and potentially one or more tennis courts in order to make connections to the storm drain located in North Poinsettia Place. The closures would occur for the duration of construction (estimated to be 12-18 months) and the amount of time it would take to restore the fields, and other affect recreational features (estimated at 1-2 months). The temporary closure of the recreational uses within Poinsettia Park are likely to require close coordination between the City of Los Angeles and stakeholders to develop suitable mitigation options for addressing the temporary loss of recreational uses. This represents an environmental constraint which would have the effect of increasing the length of time required for project approval and CEQA compliance.

- LA21 - Queen Anne Recreation Center. The water quality improvement features at the Queen Anne Recreation Center include buried storage basins and/or infiltration units at the northern end of the park (beneath the baseball fields), and potentially beneath the tennis courts. The improvements would require substantial excavation, which could result in temporary closure of the baseball fields and tennis courts. The closures would occur for the duration of construction (estimated to be 12-18 months) and the amount of time it would take to restore the fields, and other affect recreational features (estimated at 1-2 months). The temporary closure of the recreational uses within Queen Anne Recreation Center are likely to require close coordination between the City of Los Angeles and stakeholders to develop suitable mitigation options for addressing the temporary loss of recreational uses. This represents an environmental constraint which

would have the effect of increasing the length of time required for project approval and CEQA compliance.

- WH01 – Plummer Park. The water quality improvement features at the Plummer Park site include buried storage basins and/or infiltration unit at the northern end of the Park beneath the parking lot. The improvements are likely to require substantial excavation at the north parking area and result in temporary closure of the parking lot. The closures would occur for the duration of construction (estimated to be at least one year) and the amount of time it would take to restore the parking lot (estimated at 1-2 months). The Helen Albert Certified Farmers' Market runs every Monday from 9:00 AM to 2:00 PM, including most holidays, at the north parking lot. In addition, a master plan has been prepared for Plummer Park, and is currently being reviewed by the City (WEHO, 2014). The anticipated master plan improvements at the park would take about 22 months to construct, and it is the City's intent to keep the park open during construction and utilize the north parking lot for park visitors during master plan construction. These temporary closure of the north parking lots at Plummer Park will require close coordination between the City of West Hollywood and stakeholders to develop suitable mitigation options for addressing the temporary loss of park parking, temporary relocation of the farmers market, and to address construction issues associated with either overlapping or sequential construction of the master plan improvements and the water quality improvements. This represents an environmental constraint which would have the effect of increasing the length of time required for project approval and CEQA compliance.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XVI.	**TRANSPORTATION/TRAFFIC.** Would the project:				
a.	Exceed the capacity of the existing circulation system, based on an applicable measure of effectiveness (as designated in a general plan policy, ordinance, etc.), taking into account all relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?			X	
b.	Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?				X
c.	Result in a change in marine vessel traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?				X
d.	Substantially increase hazards because of a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				X
e.	Result in inadequate emergency access?				
f.	Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?		X		

Discussion:

a. Would the project increase the capacity of the existing circulation system, based on an applicable measure of effectiveness (as designated in a general plan policy, ordinance, etc.), taking into account all relevant components of the circulation system, including but not limited to intersections, streets, highways and freeways, pedestrian and bicycle paths, and mass transit?

No Environmental Constraints. The Regional Projects would involve water quality improvements at seven community parks and a center median. Although the Regional

Projects would require some construction within the streets surrounding each site to make connections with storm drains, the construction would be temporary and subject to traffic control plans as required by the applicable city. Once the connections are made, the streets would be repaired and returned to service. In the case of the water quality improvements to the Culver Boulevard median (CC04), the median could be slightly widened to the north (along the residential side of Culver Boulevard); however, this widening would not substantively reduce the capacity of Culver Boulevard (the north side only serves the adjacent residences). Because the Regional projects would not make substantive changes to the circulation system or street capacities, they are not expected to pose environmental constraints in this area.

b. Would the project conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?

No Environmental Constraints. The Regional Projects are not located along a CMP highway or arterial (Metro, 2010), and are not considered traffic generators. Therefore, the Regional Project would not conflict with the LA County Congestion Management Plan.

c. Would the project result in a change in marine vessel traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?

No Environmental Constraints. The Regional Projects are land based and are not generators of marine vessel traffic. Therefore, the Regional Project would not result in any environmental constraints related to marine vessel traffic.

d. Would the project substantially increase hazards because of a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

No Environmental Constraints. The Regional Projects would involve water quality improvements at seven community parks and a center median. Although the Regional Projects would require some construction within the streets surrounding each site to make connections with storm drains, the construction would be temporary and subject to traffic control plans as required by the applicable city. Once the connections are made, the streets would be repaired and returned to service. Because no substantive changes would be made to the street system, the Regional Projects would not increase roadway hazards.

e. Would the project result in inadequate emergency access?

No Environmental Constraints. As discussed under Checklist Item VIII.g. above, the Regional Projects would not result in substantial interruptions to emergency access.

f. Would the project conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?

Some Environmental Constraints. The Regional Projects proposed for the community park sites would not result in permanent changes to the street systems that could affect alternative transportation routes, such as bike lanes or bike paths. However, the Regional Project proposed for the Culver Boulevard median (CC04), would result in the temporary closure of the bike land and walking path in the center median, and could

potentially result in the relocation of the bike path, depending on the specific details of CC04 (see Checklist Item XV.b. above). The temporary closure Culver Boulevard median bike path and its potential relocation are likely to require close coordination between Culver City and stakeholders to develop suitable mitigation options for addressing impacts to recreational uses of the median. This represents an environmental constraint which would have the effect of increasing the length of time required for project approval and CEQA compliance.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XVII.	**UTILITIES AND SERVICE SYSTEMS.** Would the project:				
a.	Exceed wastewater treatment requirements of the applicable regional water quality control board?				X
b.	Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				X
c.	Require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?				X
d.	Have sufficient water supplies available to serve the project from existing entitlements and resources, or would new or expanded entitlements be needed?				X
e.	Result in a determination by the wastewater treatment provider that serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?				X
f.	Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?			X	
g.	Comply with federal, state, and local statutes and regulations related to solid waste?				X

Discussion:

a. Would the project exceed wastewater treatment requirements of the applicable regional water quality control board?

No Environmental Constraints. The Regional Projects are water quality improvements projects that are not generators of wastewater. Therefore, the Regional Projects would not affect wastewater treatment requirements.

b. Would the project require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

No Environmental Constraints. The Regional Projects are water quality improvements projects do not consume water or generate wastewater. Therefore, the Regional Projects would not increase require new potable water supplies or additional wastewater treatment capacity.

c. Would the project require or result in the construction of new stormwater drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

No Environmental Constraints. The Regional Projects are water quality improvements projects that would divert a portion of the runoff generated in the Ballona Creek watershed, and would store, treat, and infiltrate the diverted runoff. The Regional Projects would have beneficial effects on downstream storm drain capacity.

d. Would the project have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?

No Environmental Constraints. The Regional Projects are water quality improvements projects that do not consume water. Therefore, the Regional Projects would not require new water supplies.

e. Has the wastewater treatment provider that serves or may serve the project determined that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

No Environmental Constraints. The Regional Projects are water quality improvements projects that do not generate wastewater and would not have an effect on existing wastewater treatment capacity.

f. Is the project served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

No Environmental Constraints. The Regional Projects are water quality improvements projects do not generate substantial amounts of solid wastes. The Regional Projects would include a pre-treatment or filtration device that removes sediment, oils, particulates, and other contaminants from stormwater. The filters would periodically be removed and disposed of in accordance with applicable laws and regulations. Although some solid wastes would be generated by the Regional Projects, the amounts would be minimal and would not adversely affect landfill capacity. During construction, excavated soil would be hauled away and reused elsewhere in the area, or used as landfill cover, which does not contribute to reductions in landfill capacity.

g. Would the project comply with federal, state, and local statutes and regulations related to solid waste?

No Environmental Constraints. As discussed above, the Regional Projects would generate minimal solid wastes, but would comply with applicable solid waste regulations.

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
XVIII.	**MANDATORY FINDINGS OF SIGNIFICANCE**				
a.	Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?		X		
b.	Does the project have impacts that are individually limited but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)		X		
c.	Does the project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?		X		

Discussion:

a. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?

Construction of the Regional Projects could affect nesting birds if tree removals are required during the nesting season. Construction of water quality improvements at BH01 and LA05 could indirectly affect nearby historic structures. These potential constraints have been identified above, and would be addressed during site-specific CEQA compliance.

b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past

projects, the effects of other current projects, and the effects of probable future projects.)

Construction of the Regional Projects could contribute to cumulative air quality and noise impacts, as well as other resource area impacts. However, cumulative impacts would be addressed in the County's Program EIR or in site-specific CEQA documentation.

c. Does the project have environmental effects that would cause substantial adverse effects on human beings, either directly or indirectly?

The Regional Projects would result in impacts on human beings related to air quality, water quality, noise, and recreation, as described above. These impacts would be addressed in future site-specific CEQA documentation.

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APPENDIX C

SIZING AND CONFIRMATION MEETING NOTES

Ballona Creek Watershed - Summary of Key Parameters for Eight Regional Projects for Engineering Feasibility

Cluster ID	Site Description	BMP Site Area (ac)	Drainage Area (ac)	Storm Volume Runoff Expected (ac-ft)	Storm Volume Runoff Expected (gal)	Approx. BMP Footprint (ac)	Approx. BMP Depth (ft)	Maximum BMP footprint (ac)	Maximum BMP depth (ft)	Maximal Drainage Area (ac)	Alternative Reduced Drainage Area (ac)	Notes, Actions, Other
BH01	La Cienega Park / Frank Fenton Field	16.9	578.5	30.3	9,871,000	6.8	4.5	As shown, but delete the abandoned gas station site at the n/e corner of Cienega Blvd. and W. Olympic Blvd.	As deep as reasonable to optimize BMP footprint and minimize conflicts with park.	Blue area (on Amanda's supplementary map)	Yellow area (on Amanda's map)	Advance to optimization.
CC01	Culver Coulevard Median	2.1	829.4	35.4	11,540,000	2.2	15.8	As shown.	As deep as reasonable to optimize BMP footprint and recognize that groundwater was found at 12 feet bgs nearby.	Per Steve F's delineation.	Steve F's area without Sepuveda Drain.	B&V to follow-up with Steve. Prior to optimization.
IG01	Edward Vincent Jr. Park	50.6	983.3	30.4	9,909,000	6.3	4.8	As shown, but consider the active volume to be an above-ground (pond) at the west side of the park. The upstream streambed could be used for wetlands upstream.	As deep as reasonable to optimize BMP footprint and fit park uses.	As shown.	Consider only taking flow in the SD within S. Verdun Ave. and N. Chester Ave.	Susie will discuss with Inglewood and suggest time for a conference call.
LA10	Rancho Park Golf Course	189.2	359.3	14.4	4,687,000	15.5	0.9	As shown, but more area could be utilized at the s/e side of the course if needed.	As deep as reasonable to optimize BMP footprint and fit golf course uses.	Maximum area should consider taking flow from Benedict Cyn (via pump or tunnel). Even if it is for dry weather flow only or reduced %)	As shown.	Advance to optimization.
WH01	Plummer Park	7.6	389.3	11.7	3,817,000	0.9	13.6	As shown.	As deep as reasonable to optimize BMP footprint and fit the site.	As shown.	Use SD "C" alone.	Advance to optimization.
LA19	Queen Anne Recreation Center	5.4	8530.7	366.3	119,350,000	2.1	174.1	As shown.	As deep as reasonable to optimize BMP footprint and fit the site.	Consider only taking flow from SD "A".	If site limiting, consider options for non-regional EWMP Project.	B&V to investigate SD further, prior to optimization.
LA04	Lafayette Park	9.1	2860.6	131.3	42,771,000	4.3	30.5	As shown, but delete west side with the MB Fig Tree and the Skatepark on the west side	As deep as reasonable to optimize BMP footprint and fit park uses.	With this reduced footprint this would be a very deep BMP (60 ft), so consider minimizing the drainage area.	Consider only taking flow from SD "A".	B&V to investigate SD further, prior to optimization.
LA18	Poinsettia Park	6.3	1379.3	41.5	13,527,000	2.7	15.4	As shown, consider adding area under basketball courts as needed.	As deep as reasonable to optimize BMP footprint and fit park uses.	As shown.	If site limiting, consider options for non-regional EWMP Project.	Advance to optimization.

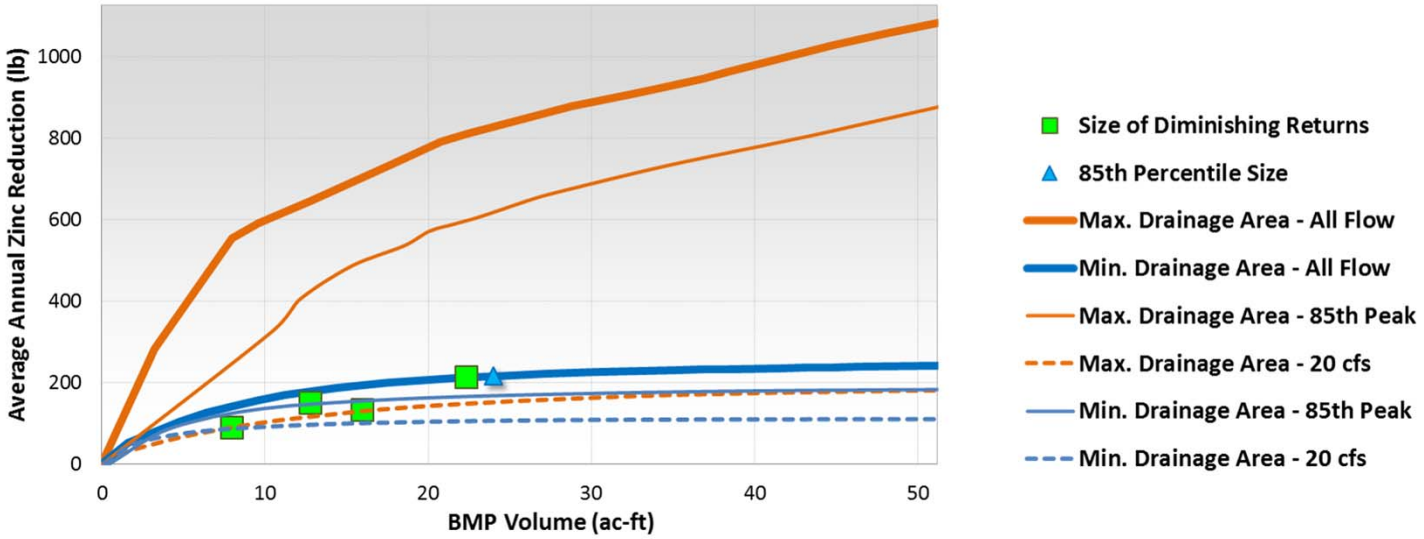
= notes from 11/25/14 meeting

APPENDIX D

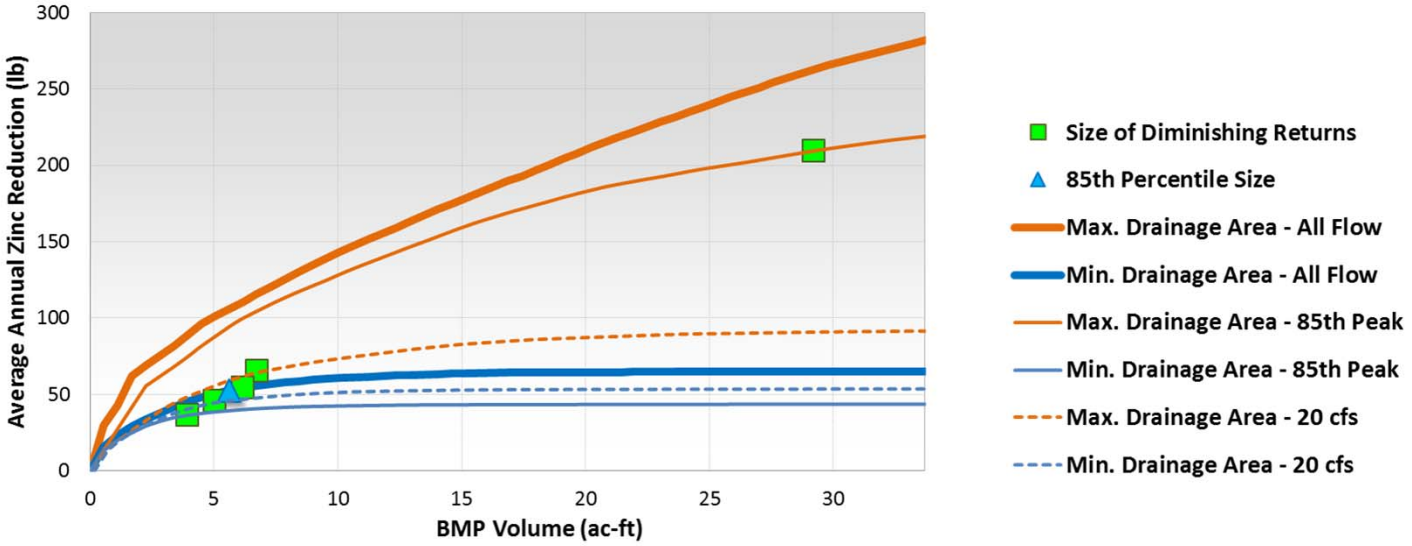
OPTIMIZATION RESULTS

by TetraTech

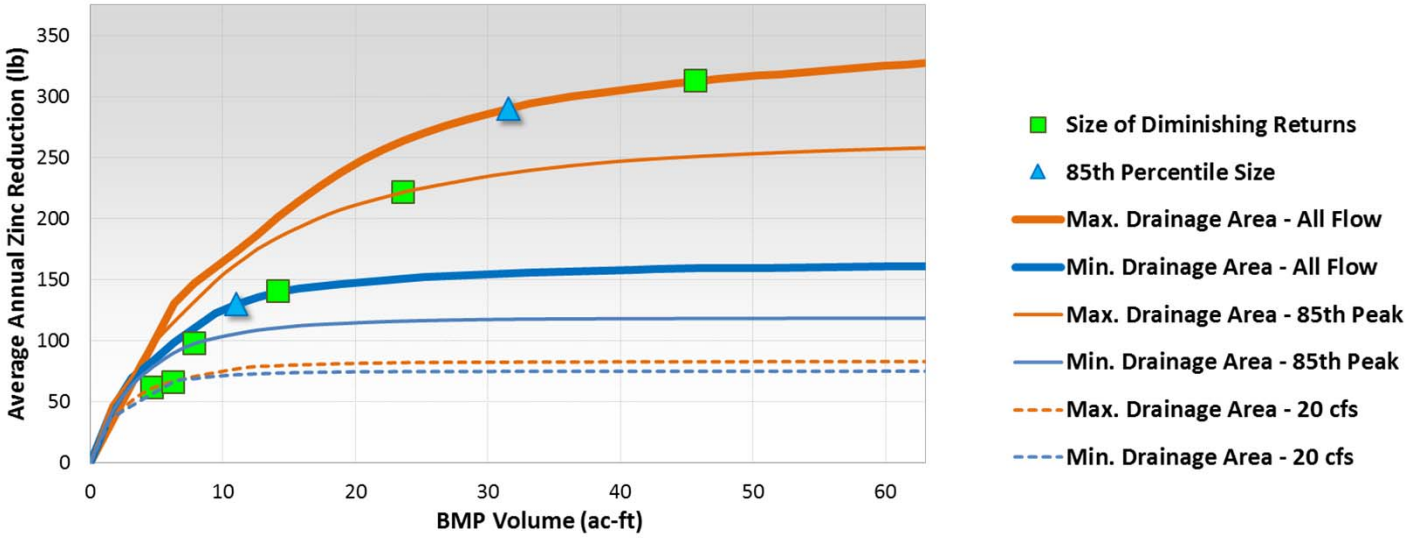
BH01: La Cienega Park / Frank Fenton Field



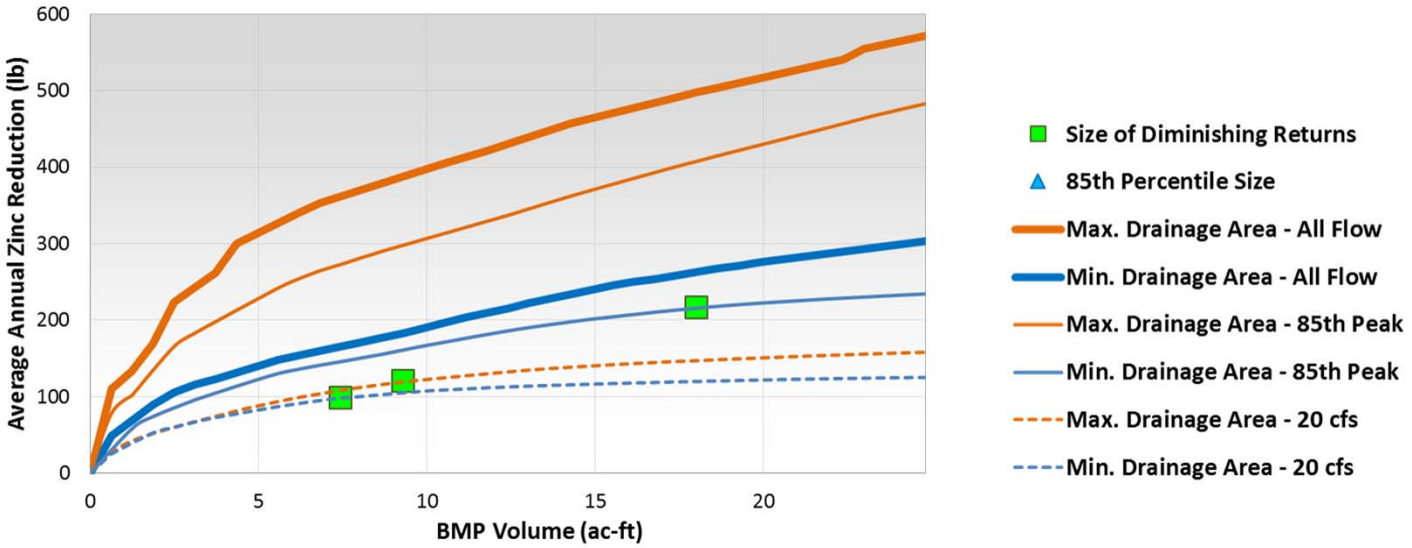
CC01: Culver Boulevard Median



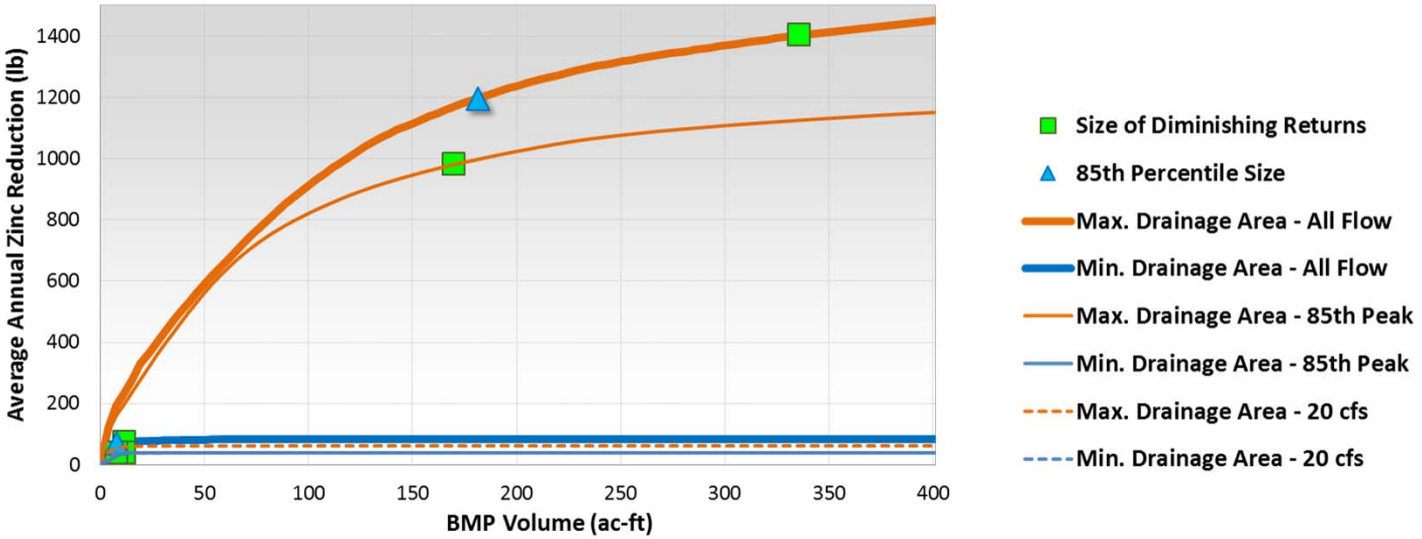
IG01: Edward Vincent Junior Park



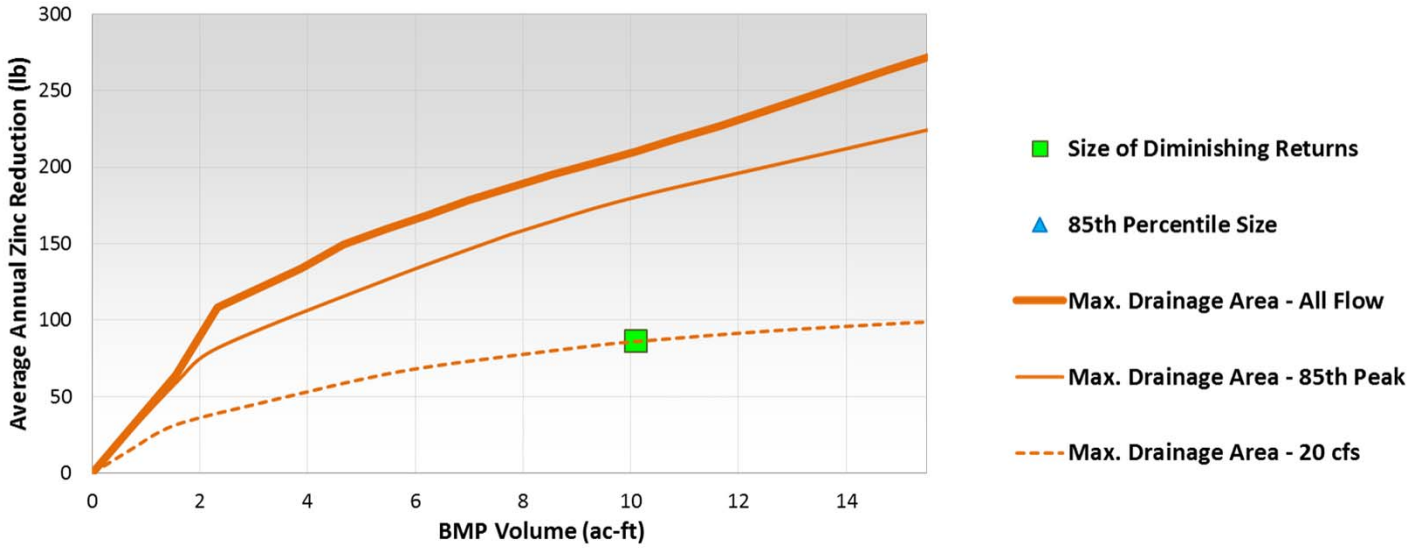
LA04: Lafayette Park



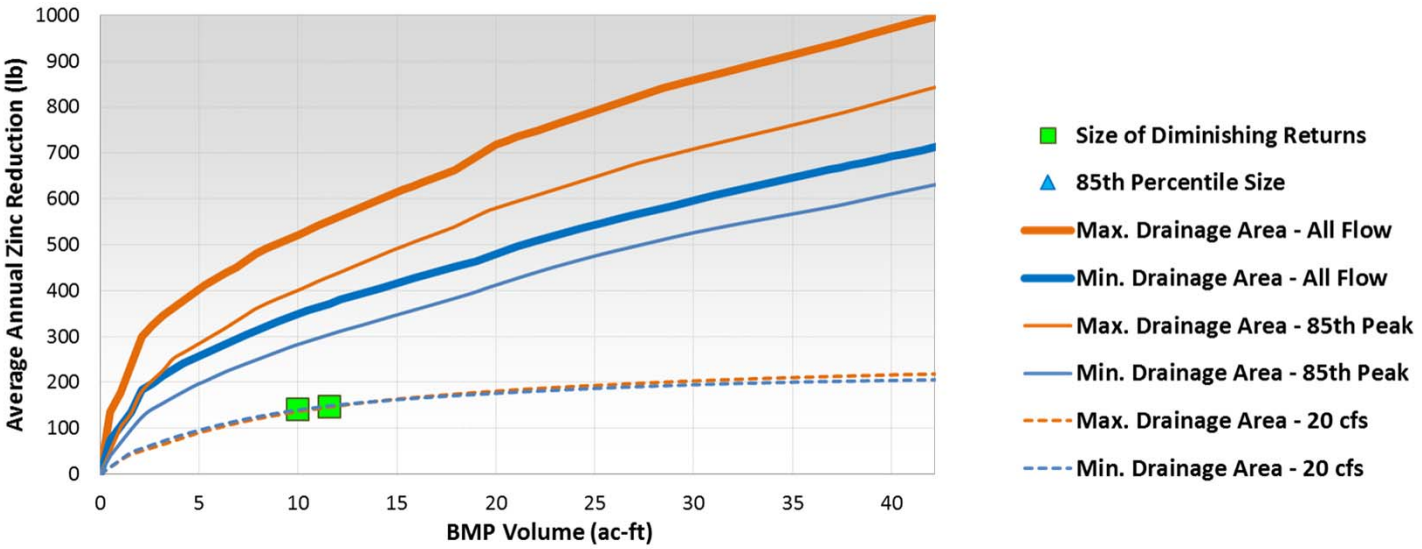
LA10: Rancho Park Golf Course



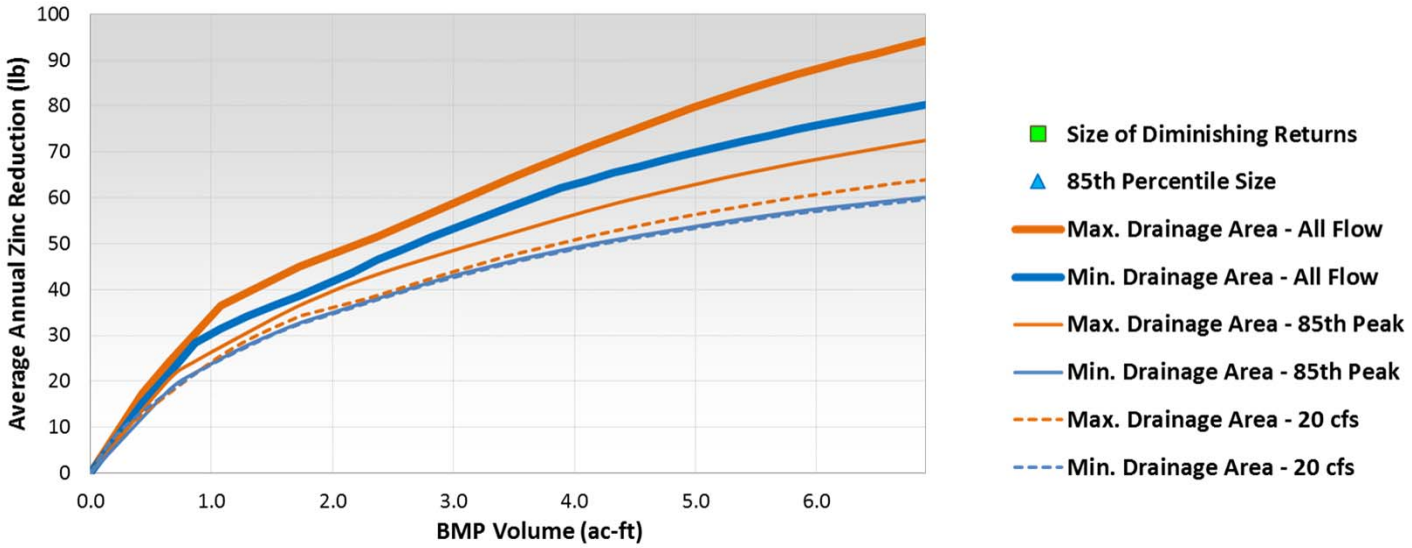
LA18: Poinsettia Park



LA19: Queen Anne Recreation Center



WH01: Plummer Park



Summary of Recommended Solutions

Cluster ID	Site Description	Recommended Size					
		Minimum Drainage Area			Maximum Drainage Area		
		20 cfs Diversion	85th %-ile Peak Diversion	Online (All Flow)	20 cfs Diversion	85th %-ile Peak Diversion	Online (All Flow)
BH01	La Cienega Park / Frank Fenton Field	PDR	85th	85th	PDR	MAX	MAX
CC01	Culver Coulevard Median	85th	85th	PDR	PDR	PDR	MAX
IG01	Edward Vincent Jr. Park	PDR	85th	PDR	PDR	85th	PDR
LA04	Lafayette Park	PDR	PDR	MAX	PDR	MAX	MAX
LA19	Queen Anne Rec Center	PDR	MAX	MAX	PDR	MAX	MAX
LA10	Rancho Park Golf Course	PDR	PDR	PDR	PDR	85th	PDR
LA18	Poinsettia Park				PDR	MAX	MAX
WH01	Plummer Park	MAX	MAX	MAX	MAX	MAX	MAX

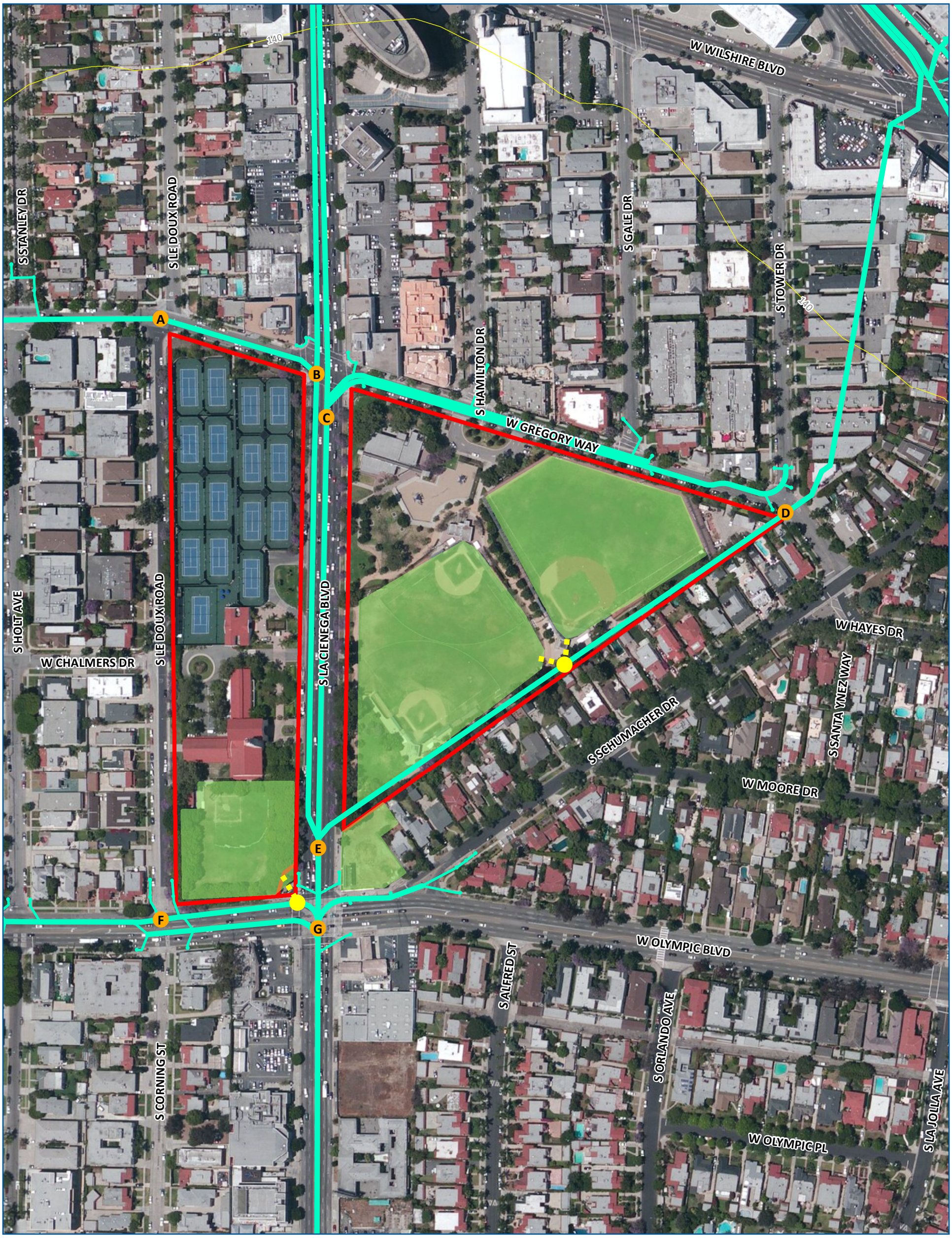
*Solutions highlighted green also capture 85th percentile volume

Cluster ID	Site Description	Recommended Size (ac-ft)					
		Minimum Drainage Area			Maximum Drainage Area		
		20 cfs Diversion	85th %-ile Peak Diversion	Online (All Flow)	20 cfs Diversion	85th %-ile Peak Diversion	Online (All Flow)
BH01	La Cienega Park / Frank Fenton Field	8.0	24.0	24.0	16.0	MAX	MAX
CC01	Culver Coulevard Median	5.6	5.6	6.2	6.7	29.2	MAX
IG01	Edward Vincent Jr. Park	6.3	11.0	14.2	4.7	31.5	45.7
LA04	Lafayette Park	7.5	18.0	MAX	9.3	MAX	MAX
LA19	Queen Anne Rec Center	10.0	MAX	MAX	11.6	MAX	MAX
LA10	Rancho Park Golf Course	7.7	11.6	11.6	11.6	181.4	335.7
LA18	Poinsettia Park				10.1	MAX	MAX
WH01	Plummer Park	MAX	MAX	MAX	MAX	MAX	MAX

*Solutions highlighted green also capture 85th percentile volume

APPENDIX E

PROJECT SITE MAPS WITH BMP OPPORTUNITY AREAS



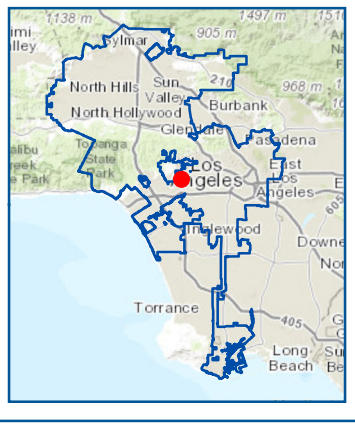
N

0 100 200 400 Feet

1 inch = 200 feet

LEGEND

- Proposed Diversion Structure
- BMP Site Data Points
- Proposed Pipeline Alignment
- Existing Storm Drain Network
- Proposed BMP Footprint
- Selected BMP Site
- Contours



Ballona Creek Enhanced Watershed Management Plan

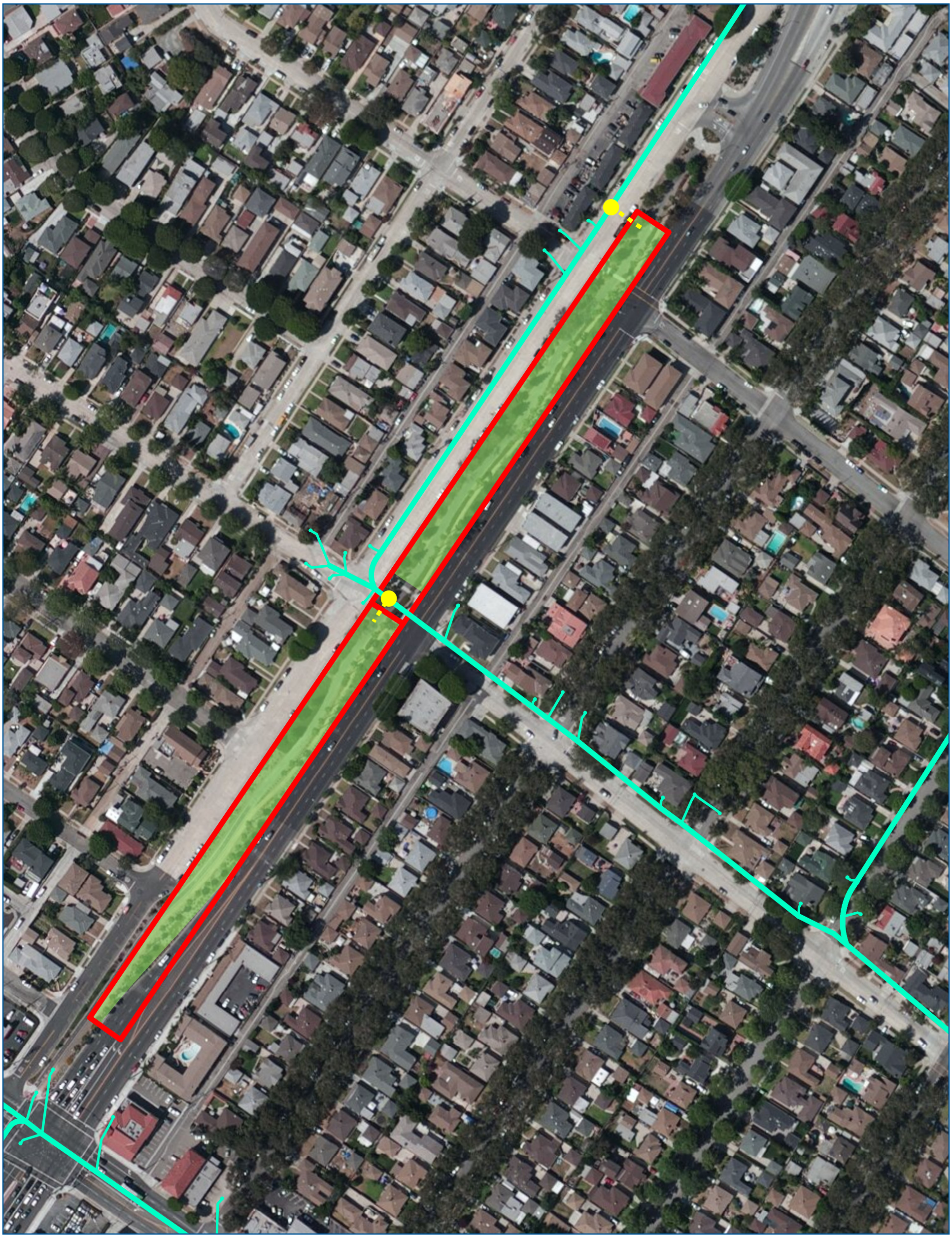
BMP Site Investigation
La Cienega Park

PN 182198

BLACK & VEATCH
Building a world of difference.

BH01_LaCienegaPark March 05, 2015 A. Burns

Proposed alignment subject to verification of existing utilities and final design.

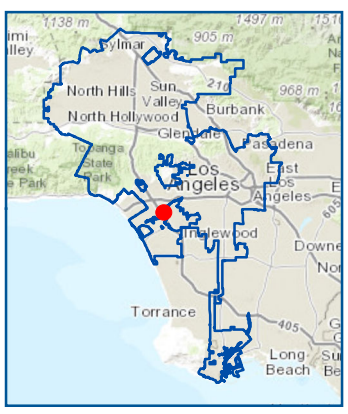


0 75 150 300 Feet

1 inch = 150 feet

LEGEND

- Proposed Diversion Structure
- BMP Site Data Points
- Proposed Pipeline Alignment
- Existing Storm Drain Network
- Selected BMP Site
- Proposed BMP Footprint
- Contours



Ballona Creek
Enhanced Watershed Management Plan

BMP Site Investigation
Culver Boulevard Median

PN 182198

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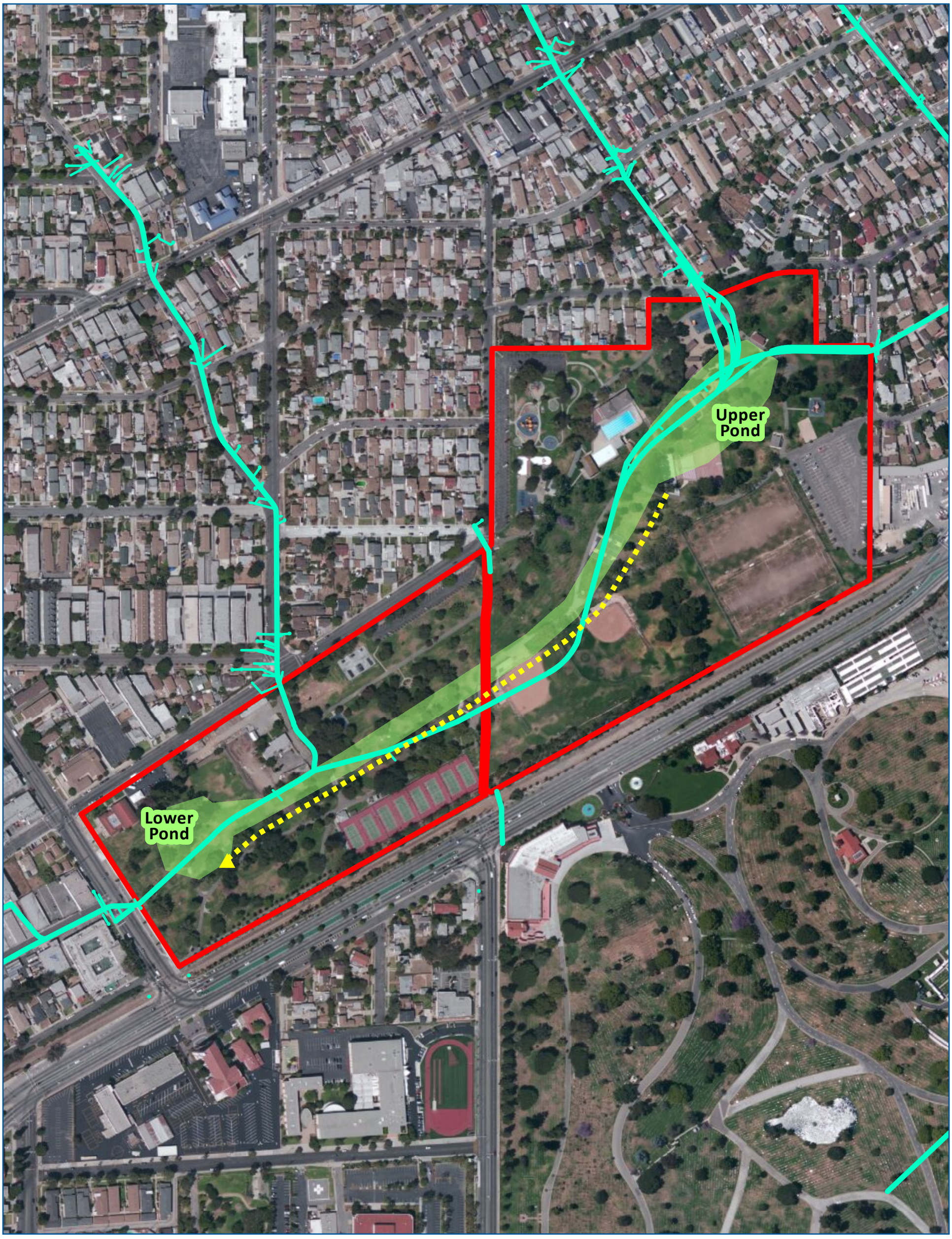
CC01_CulverBlvd March 05, 2015 A. Burns

Proposed alignment subject to verification of existing utilities and final design.

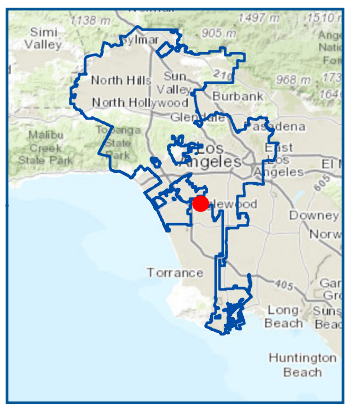


0 150 300 600 Feet

1 inch = 300 feet

LEGEND

- BMP Site Data Points
- Proposed Pump Station
- Proposed Pipeline Alignment
- Existing Storm Drain Network
- Selected BMP Site
- Potential BMP Footprint
- Contours



Ballona Creek
Enhanced Watershed Management Plan

BMP Site Investigation
Edward Vincent Junior Park

PN 182198

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IG01_EdwardVincentJuniorPark March 05, 2015 A. Burns

Proposed alignment subject to verification of existing utilities and final design.



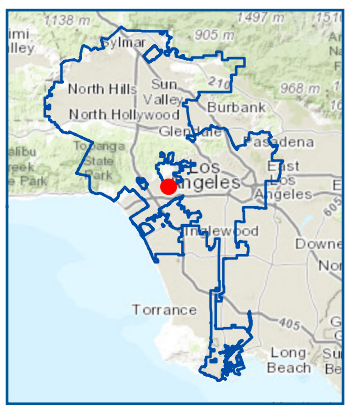
N

0 350 700 1,400 Feet

1 inch = 700 feet

LEGEND

- BMP Site Data Points
- Existing Storm Drain Network
- Selected BMP Site
- Proposed BMP Footprint
- Contours



Note: Currently a working version of concepts at project site.

Ballona Creek
Enhanced Watershed Management Plan

BMP Site Investigation
Rancho Park Golf Course

PN 182198

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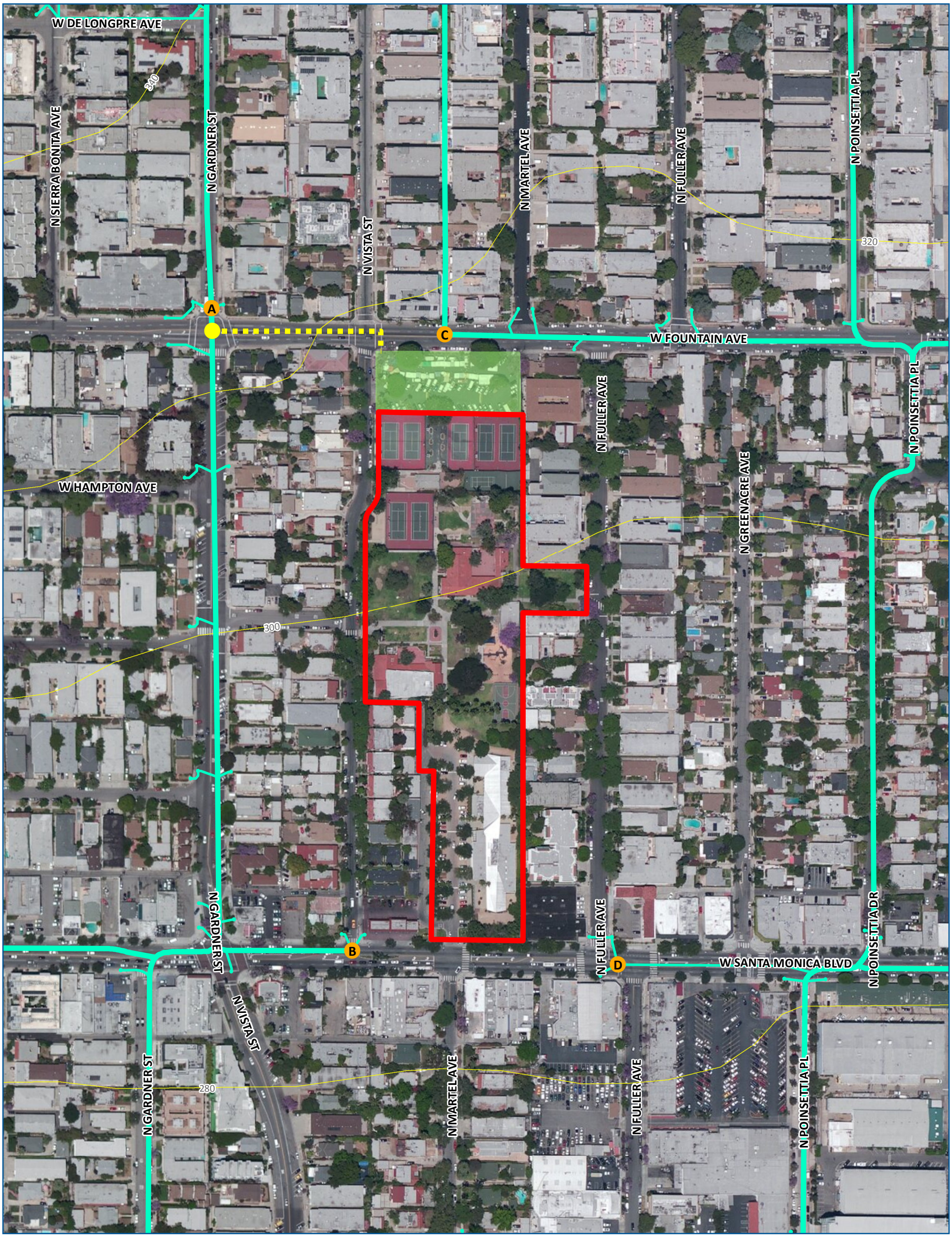
Proposed alignment subject to verification of existing utilities and final design.

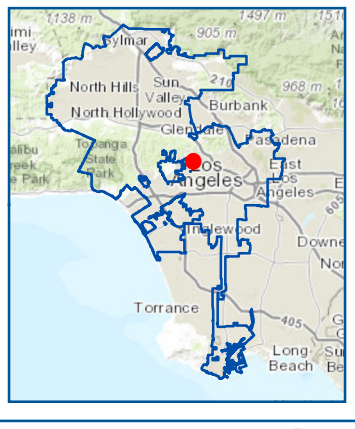


0 100 200 400 Feet

1 inch = 200 feet

LEGEND

- Proposed Diversion Structure
- BMP Site Data Points
- Proposed Pipeline Alignment
- Existing Storm Drain Network
- Selected BMP Site
- Proposed BMP Footprint
- Contours



Ballona Creek Enhanced Watershed Management Plan

BMP Site Investigation Plummer Park

PN 182198

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WH01_PlummerPark March 05, 2015 A. Burns

Proposed alignment subject to verification of existing utilities and final design.



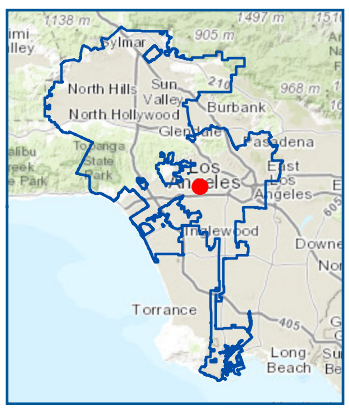
N

0 50 100 200 Feet

1 inch = 100 feet

LEGEND

- Proposed Pump Station
- Proposed Diversion Structure
- BMP Site Data Points
- Proposed Pipeline Alignment
- Existing Storm Drain Network
- Selected BMP Site
- Proposed BMP Footprint
- Contours



Ballona Creek
Enhanced Watershed Management Plan

BMP Site Investigation
Queen Anne Rec Center

PN 182198

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LA19_QueenAnneRecCenter March 05, 2015 A. Burns

Proposed alignment subject to verification of existing utilities and final design.

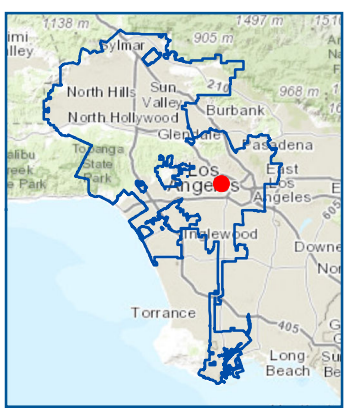


0 75 150 300 Feet

1 inch = 150 feet

LEGEND

- Proposed Pump Station
- Proposed Diversion Structure
- BMP Site Data Points
- Proposed Pipeline Alignment
- Existing Storm Drain Network
- Selected BMP Site
- Proposed BMP Footprint
- Contours



Ballona Creek
Enhanced Watershed Management Plan

BMP Site Investigation
Lafayette Park

PN 182198

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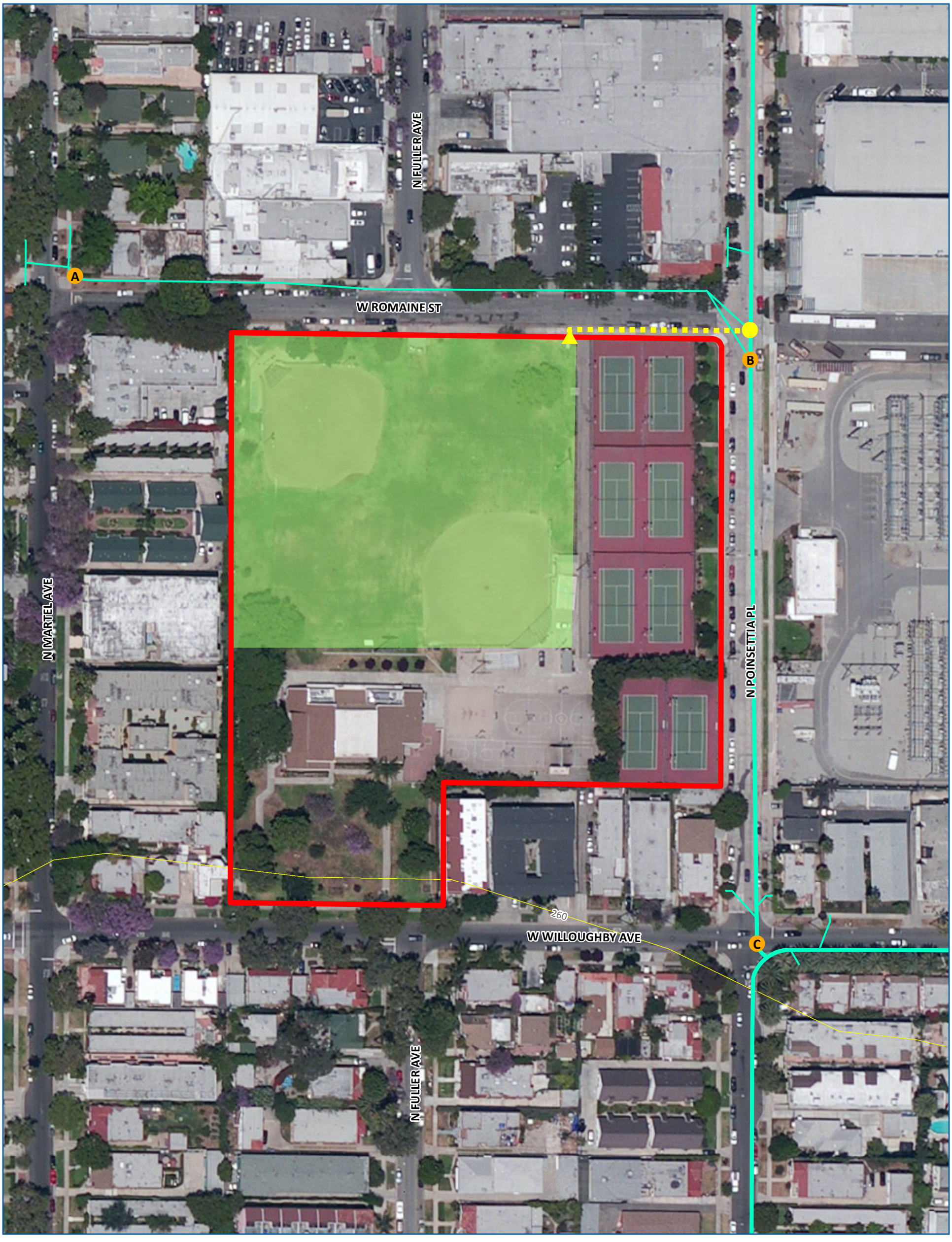
LA04_LafayettePark March 05, 2015 A. Burns

Proposed alignment subject to verification of existing utilities and final design.

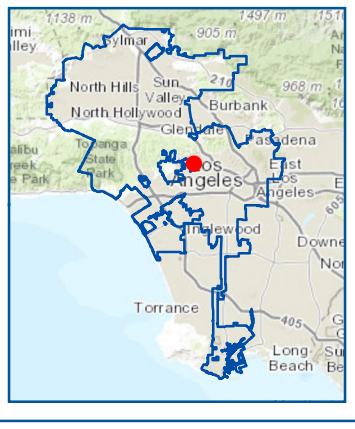


0 50 100 200 Feet

1 inch = 100 feet

LEGEND

- Proposed Pump Station
- Proposed Diversion Structure
- BMP Site Data Points
- Proposed Pipeline Alignment
- Existing Storm Drain Network
- Selected BMP Site
- Proposed BMP Footprint
- Contours



Ballona Creek
Enhanced Watershed Management Plan

BMP Site Investigation
Poinsettia Park

PN 182198

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LA18_PoinsettiaPark March 05, 2015 A. Burns

Proposed alignment subject to verification of existing utilities and final design.



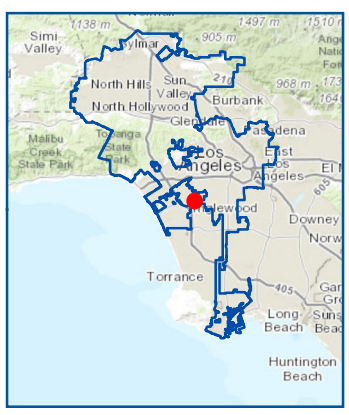
N

0 75 150 300 Feet

1 inch = 150 feet

LEGEND

- BMP Site Data Points
- Proposed Pump Station
- Proposed Pipeline Alignment
- Existing Storm Drain Network
- Selected BMP Site
- Potential BMP Footprint
- Contours



Ballona Creek
Enhanced Watershed Management Plan

BMP Site Investigation
Ladera Park

PN 182198

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LC01_LaderaPark March 05, 2015 A. Burns

Proposed alignment subject to verification of existingutilities and final design.

APPENDIX F

TRIBUTARY DRAINAGE AREA MAPS PER PROJECT

LEGEND

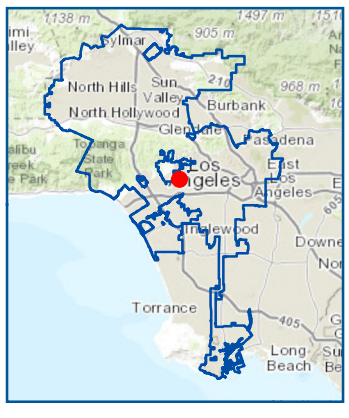
- Storm Drain Network
- Selected BMP Site
- Maximum Drainage Area
- Alternative Drainage Area
- Contour

Drainage Area per City

- Beverly Hills
- Los Angeles
- Unincorporated
- West Hollywood

0 0.25 0.5 1 Miles

1 inch = 0.5 miles



Ballona Creek
Enhanced Watershed Management Plan

BMP Drainage Area
La Cienega Park

PN 182198

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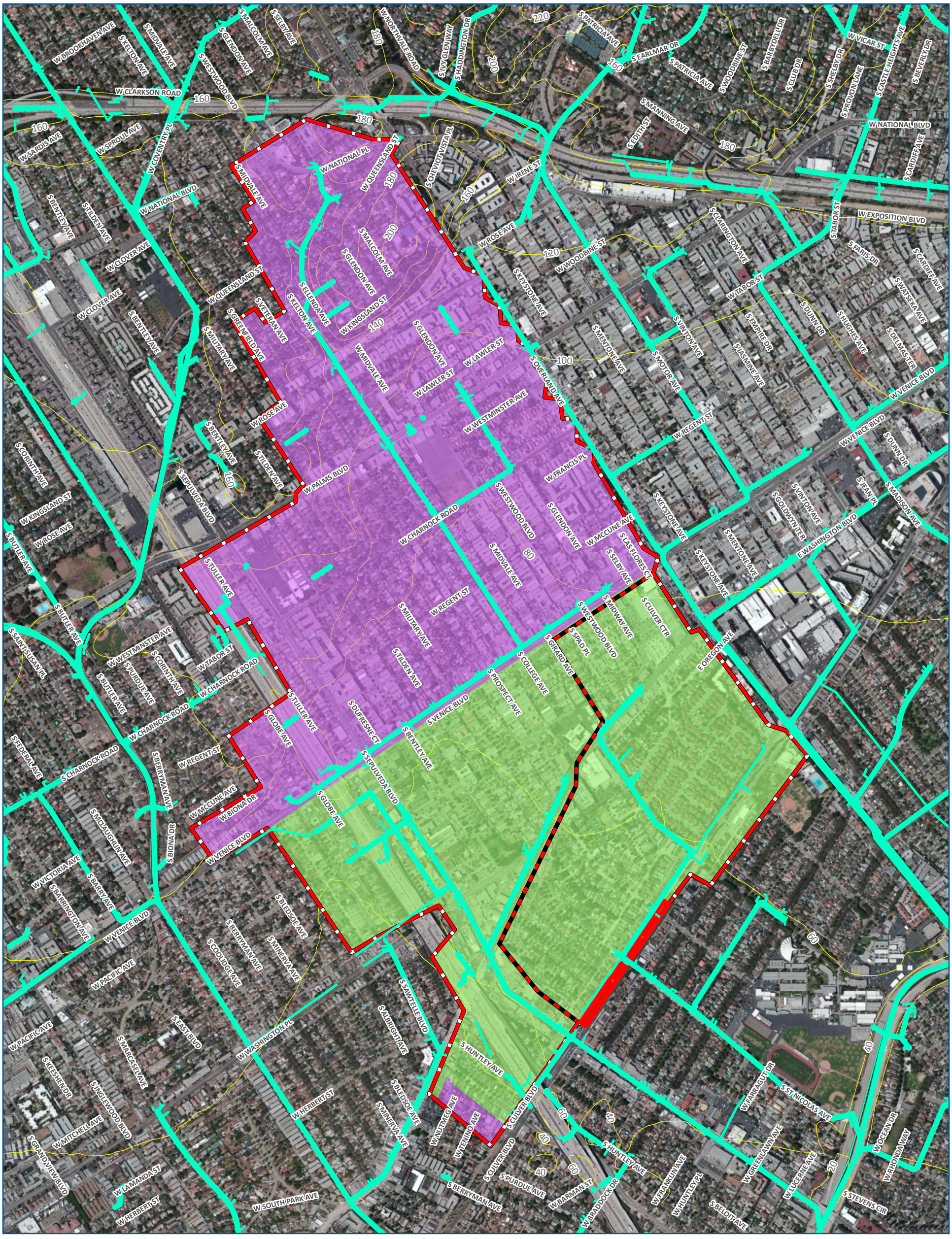
BH01_LaCienegaPark_drainagearea March 05, 2015 A. Burns



LEGEND

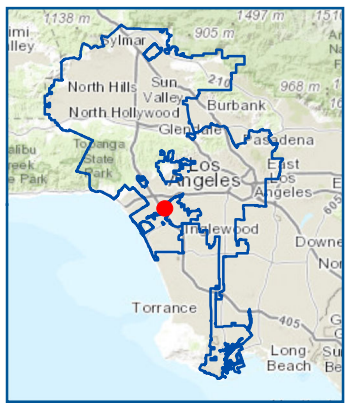
- Catch Basin
- Storm Drain Network
- Selected BMP Site
- Maximum Drainage Area
- Minimum Drainage Area
- Contours

0 500 1,000 2,000 Feet

Drainage Area per City

- Culver City
- Los Angeles

1 inch = 1,000 feet



Ballona Creek
Enhanced Watershed Management Plan

BMP Drainage Area
Culver Boulevard Median

PN 182198

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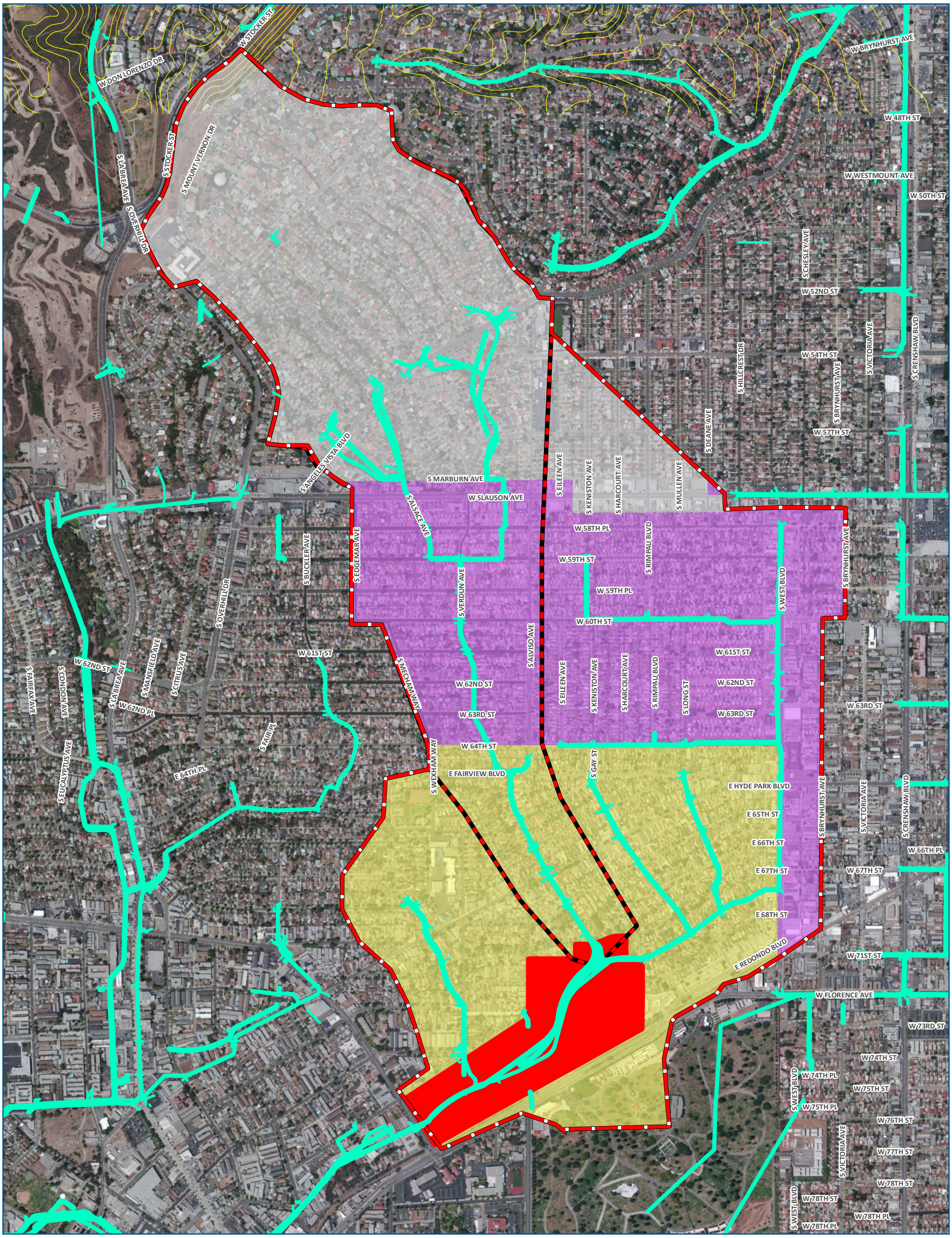
CC01_CulverBlvd_bothdrainagearea March 04, 2015 A. Burns



LEGEND

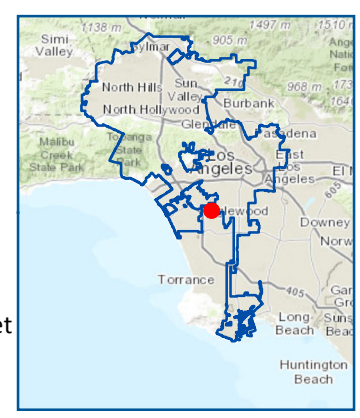
- Storm Drain Network
- Contour
- Maximum Drainage Area
- Minimum Drainage Area
- Selected BMP Site

Drainage Area per City

- Inglewood
- Los Angeles
- Unincorporated

0 500 1,000 2,000 Feet

1 inch = 1,000 feet



Ballona Creek
Enhanced Watershed Management Plan

BMP Drainage Area
Edward Vincent Wetland

PN 182198

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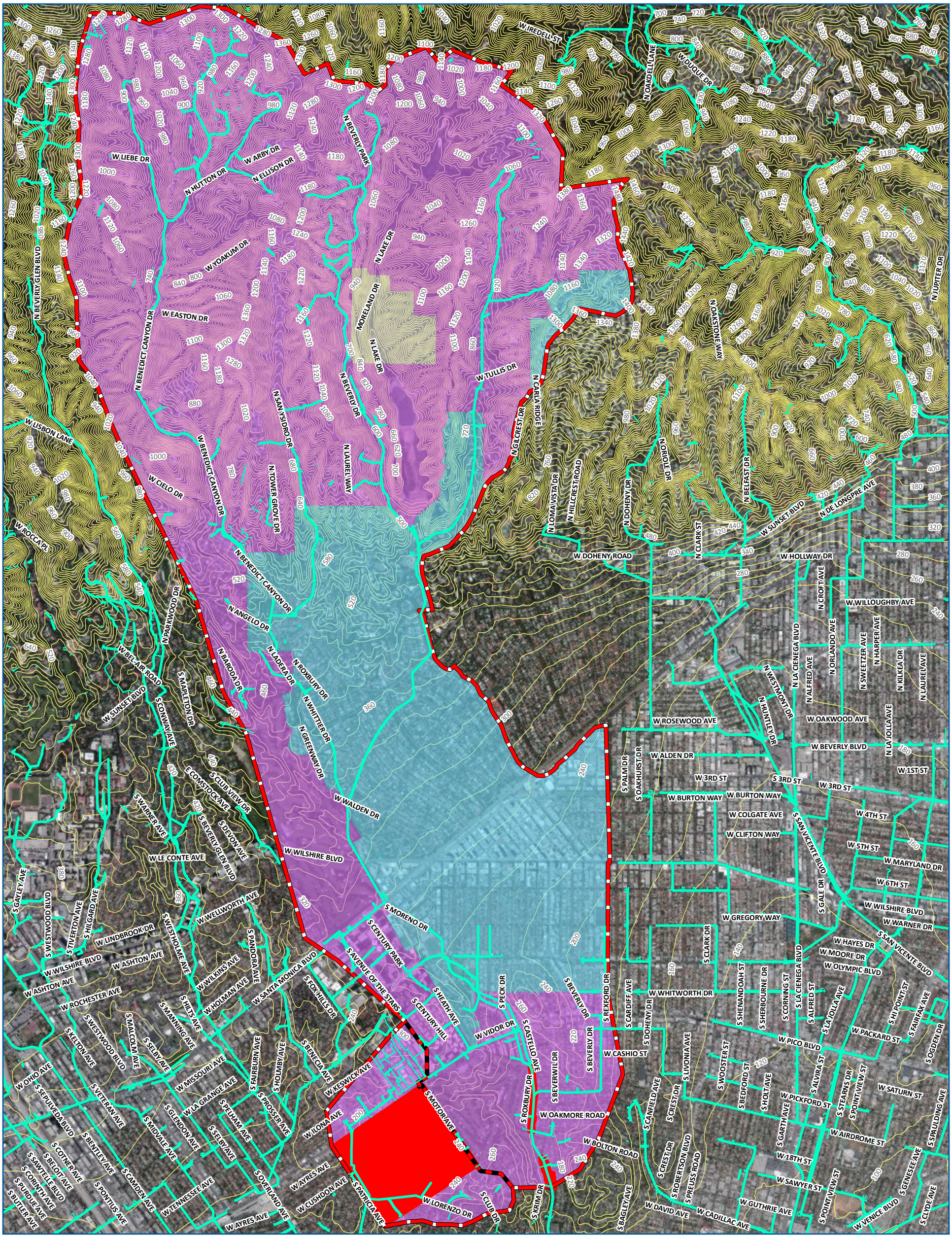
IG01_EdwardVincentWetland_drainagearea March 05, 2015 A. Burns



LEGEND

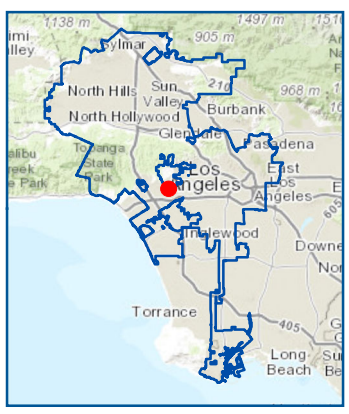
- Storm Drain Network
- Contour
- Maximum Drainage Area
- Alternative Drainage Area
- Selected BMP Site

Drainage Area per City

- Beverly Hills
- Los Angeles
- Unincorporated

0 0.25 0.5 1 Miles

1 inch = 0.5 miles



Ballona Creek
Enhanced Watershed Management Plan

BMP Drainage Area
Rancho Park Golf Course

PN 182198

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LA10_RanchoParkGolfCourse_drainagearea March 05, 2015 A. Burns

LEGEND

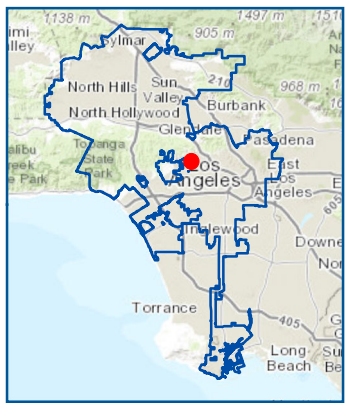
- Storm Drain Network
- Contour
- Maximum Drainage Area
- Alternative Drainage Area
- Selected BMP Results

0 500 1,000 2,000 Feet

Drainage Area per City

- Los Angeles
- West Hollywood

1 inch = 1,000 feet



Ballona Creek
Enhanced Watershed Management Plan

BMP Drainage Area
Plummer Park

PN 182198

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WH01_PlummerPark_drainagearea March 05, 2015 A. Burns

8531 ac

LEGEND

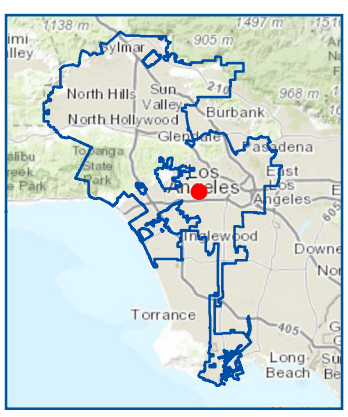
- Storm Drain Network
- Contour
- Maximum Drainage Area
- Alternative Drainage Area
- Selected BMP Site

Drainage Area per City

- Los Angeles

0 1,500 3,000 6,000 Feet

1 inch = 3,000 feet



Ballona Creek
Enhanced Watershed Management Plan

BMP Drainage Area
Queen Anne Rec Center

PN 182198

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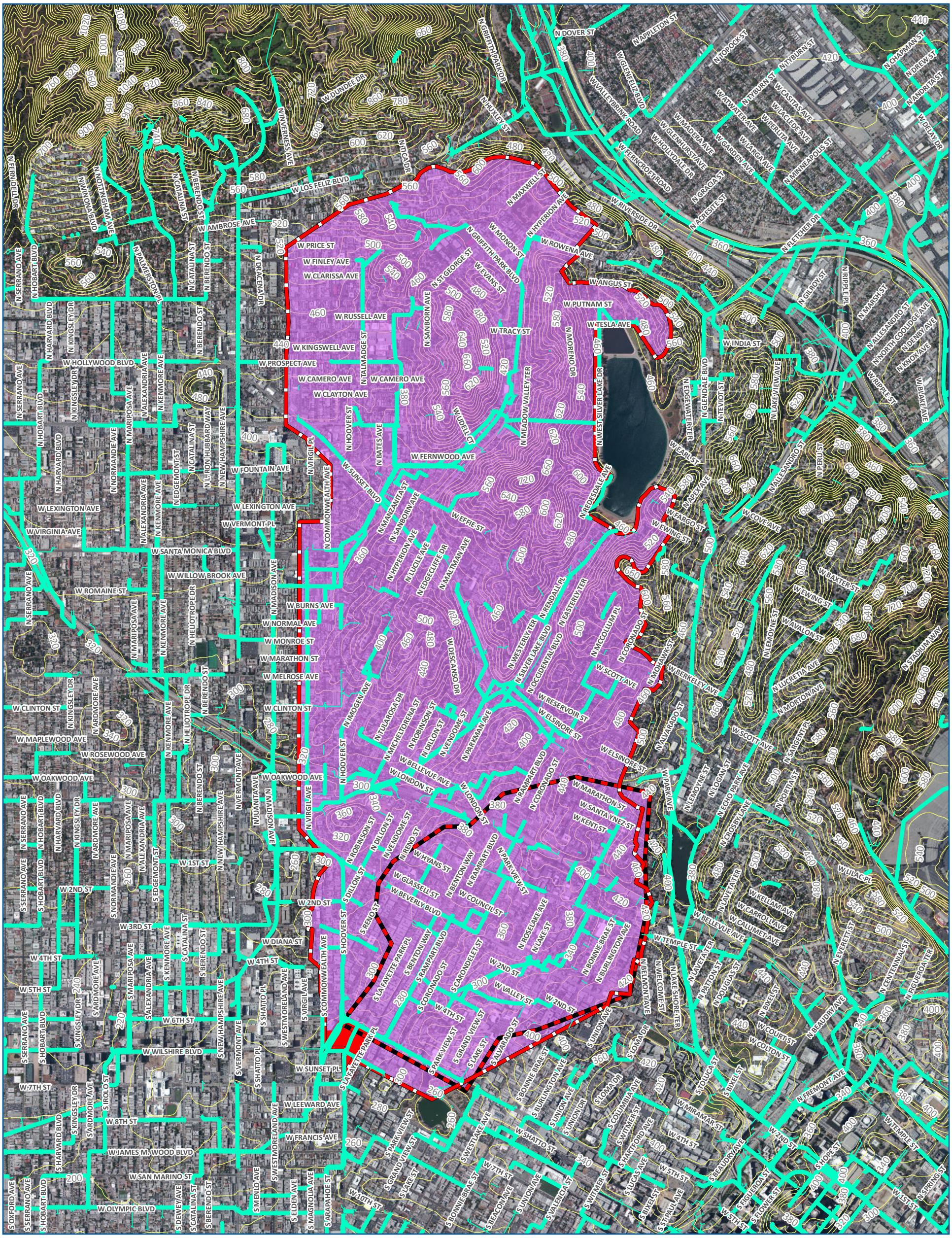
LA19_QueenAnneRecCenter_drainagearea March 05, 2015 A. Burns


N GRIFFITH PARK DR
N DOVER ST
N APPLETON ST
W GLENFELIZ BLVD
W VALLEYBRINK ROAD
N TOPOCK ST
N TYBURN ST
N CHAPMAN ST
N DREW ST
N ANDRITA ST
W DELAY DR
W ATWATER AVE
W CASITAS AVE
W ACIEDE AVE
W PERLITA AVE
W MADERA AVE
W GLENHURST AVE
W HOLLYDALE DR
W GARDEN AVE
W LARGA AVE
N MINNEAPOLIS ST
W FERNCROFT ROAD
N GRACIA ST
N ACRESITE ST
W RIVERSIDE DR
N FLETCHER DR
N GILROY ST
N RIPPLE PL
N MARSH ST
N ALLESANDRO ST
N NORTH COOLIDGE AVE
N DERBY AVE
N KNOX AVE
W RIPPLE ST
W MILLAR AVE
W DUNDEE DR
N HUXLEY ST
N INVERNESS AVE
N TIGA DR
W LOS FELIZ BLVD
N MAXWELL ST
N HYPERION AVE
W ROWENA AVE
W ANGUS ST
W PUTNAM ST
W TESLA AVE
W INDIA ST
N GLENDALE BLVD
N TEVIOT ST
N LAKEVIEW AVE
W EARL ST
N REDESDALE AVE
N ABBEY AVE
W FARGO ST
W EWING ST
W COVE AVE
W BAXTER ST
W AYALON ST
N LEMOYNE ST
N LUCRETIA AVE
N MORTON AVE
N SARGENT PL
N ECHO PARK AVE
N LOGAN ST
N PORTIA ST
N LEMOYNE ST
N STADIUM WAY
W TEMPLE ST
N SPRING ST
N FIGUEROA TER
N CENTENNIAL ST
N PERU ST
N BEAUDRY AVE
W COURT ST
W COLTON ST
N BYRAM ST
N BIXEL ST
W 1ST ST
W 2ND ST
W 4TH ST
W 5TH ST
W 7TH ST
W 10TH ST
W 3RD ST
W 6TH ST
W 8TH ST
W WILSHIRE BLVD
W SUNSET PL
W DIANA ST
W LEEWARD AVE
W FRANCIS AVE
W JAMES M. WOOD BLVD
W SAN MARINO ST
W OLYMPIC BLVD
S OXFORD AVE
S SERRANO AVE
S HOBART BLVD
S DEWEY AVE
S CATALINA ST
S BERENDO ST
S MENLO AVE
S SELDEN AVE
S MAGNOLIA AVE
S ARAPAHOE ST
S KINGSLEY DR
S ARDMORE AVE
S IROLO ST
S HARVARD BLVD
S WESTMORELAND AVE
S VIRGIL AVE
S SHATTO PL
S NEW HAMPSHIRE AVE
S VERMONT AVE
S MARIPOSA AVE
S ALEXANDRIA AVE
S KENMORE AVE
S CATALINA ST
S BERENDO ST
S NORMANDIE AVE
S EDGEMONT ST
W SANTA MONICA BLVD
W VERMONT PL
W LEXINGTON AVE
W FOUNTAIN AVE
W VIRGINIA AVE
W ROMAINE ST
W BURNS AVE
W NORMAL AVE
W MONROE ST
W MARATHON ST
W MELROSE AVE
W CLINTON ST
W MAPLEWOOD AVE
W ROSEWOOD AVE
W OAKWOOD AVE
W HOLLYWOOD BLVD
W PROSPECT AVE
W KINGSWELL AVE
W CAMERO AVE
W CLAYTON AVE
W RUSSELL AVE
W CLARISSA AVE
W FINLEY AVE
W PRICE ST
W AMBROSE AVE
N SERRANO AVE
N HOBART BLVD
N HARVARD BLVD
N KINGSLEY DR
N ARDMORE AVE
N MARIPOSA AVE
N ALEXANDRIA AVE
N KENMORE AVE
N EDGEMONT ST
N CATALINA ST
N BERENDO ST
N NORMANDIE AVE
N VIRGIL PL
N COMMONWEALTH AVE
N VERMONT AVE
N NEW HAMPSHIRE AVE
N L RON HUBBARD WAY
N HELIOTROPE DR
N MADISON AVE
N JUANITA AVE
N VIRGIL AVE
N HOOVER ST
N BATES AVE
N MANZANITA ST
N SANBORN AVE
N HYPERION AVE
N LUCILE AVE
N EDGECLIFFE DR
N MALTMAN AVE
N RENDALL PL
N EASTERLY TER
N MCCOLLUM PL
N CORONADO ST
N MOHAWK ST
N ALVARADO ST
N PARKMAN AVE
N VENDOME ST
N DILLON ST
N ROBINSON ST
N MICHELTORENA ST
N IMOGEN AVE
N TULAROSA DR
N SILVER LAKE BLVD
N OCCIDENTAL BLVD
N WESTERLY TER
N MEADOW VALLEY TER
N WEST SILVER LAKE DR
N EDGEWATER TER
N TALMADGE ST
N SAN BORN AVE
N ST GEORGE ST
N GRIFFITH PARK BLVD
W MONON ST
W EVANS ST
W TRACY ST
W MOREHEAD DR
W FERNWOOD AVE
W EFFIE ST
W DESCANSO DR
W ELSINORE ST
W BELLEVUE AVE
W LONDON ST
W SCOTT AVE
W RESERVOIR ST
W BERKELEY AVE
W MIRAMAR ST
W SHATTO ST
W 2ND ST
W 4TH ST
W VALLEY ST
W SUNSET BLVD
W BEVERLY BLVD
W GLASSELL ST
W HYANS ST
W COUNCIL ST
W DELL CT
W MARATHON ST
W SANTA YNEZ ST
W KENT ST
W PARK AVE
W TEMPLE ST
W BELLEVUE AVE
W CALUMET AVE
W CARROLL AVE
W KELLAM AVE
W LILAC PL
S LAFAYETTE PARK PL
S PARK VIEW ST
S GRAND VIEW ST
S LAKE ST
S ALVARADO ST
S UNION AVE
S UNION DR
S BONNIE BRAE ST
S BURLINGTON AVE
S WESTLAKE AVE
S BEACON AVE
S VALENCIA ST
S WITMER ST
S HARTFORD AVE
S LUCAS AVE
S BIXEL ST
S ST PAUL AVE
S FIGUEROA ST
S FLOWER ST
S HOPE ST
S BEAUDRY AVE
S LOMA DR
S COLUMBIA AVE
S CORONADO ST
S RAMPART BLVD
S PARK VIEW ST
S BENTON WAY
S CARONDELET ST
S RENO ST
S DILLON ST
S HOOVER ST
S COMMONWEALTH AVE
N WILCOX AVE
N BELMONT AVE
N WELCOME ST
N JAKE SHORE TER
N LAVETA TER
N PATTON ST
N DOUGLAS ST
N BYRAM ST
N BIXEL ST
N LAKE ST
N ROSELAKE AVE
N BONNIE BRAE ST
N BURLINGTON AVE
N BENTON WAY
N RAMPART BLVD
N PARK VIEW ST
N CORONADO ST
N RENO ST
N DILLON ST
N VENDOME ST
N ROBINSON ST
N PARKMAN AVE
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N MOHAWK ST
N CORONADO ST
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N RENDALL PL
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N EDGECLIFFE DR
N LUCILE AVE
N HYPERION AVE
N SANBORN AVE
N MANZANITA ST
N BATES AVE
N HOOVER ST
N IMOGEN AVE
N TULAROSA DR
N MICHELTORENA ST
N ROBINSON ST
N DILLON ST
N VENDOME ST
N PARKMAN AVE
N ALVARADO ST
N MOHAWK ST
N CORONADO ST
N MCCOLLUM PL
N EASTERLY TER
N RENDALL PL
N MALTMAN AVE
N EDGECLIFFE DR
N LUCILE AVE
N HYPERION AVE
N SANB

LEGEND

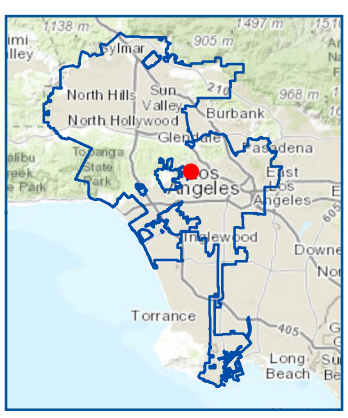
- Storm Drain Network
- Contour
- Maximum Drainage Area
- Selected BMP Site

Drainage Area by City

- Los Angeles
- West Hollywood

0 750 1,500 3,000 Feet

1 inch = 1,500 feet



Ballona Creek
Enhanced Watershed Management Plan

BMP Drainage Area
Poinsettia Park

PN 182198

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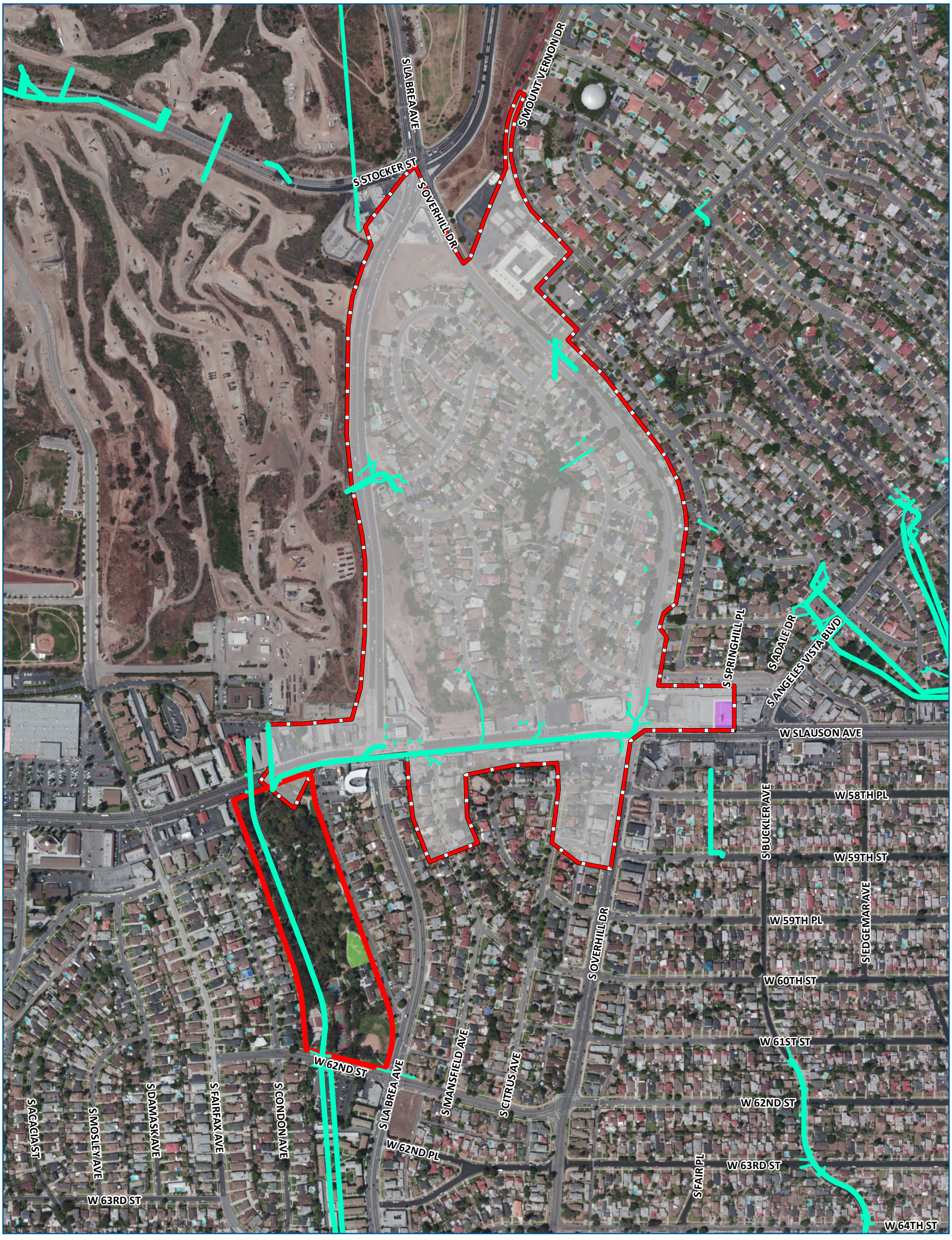
LA18_PoinsettiaPark_drainagearea March 05, 2015 A. Burns



LEGEND

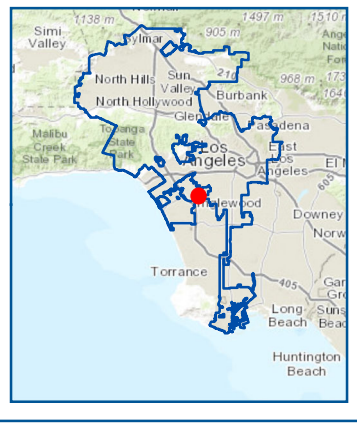
- Existing Storm Drain Network
- Selected BMP Site
- Maximum Drainage Area
- Contours
- Proposed BMP Footprint

Drainage Area per City

- Los Angeles
- Unincorporated

0 250 500 1,000 Feet

1 inch = 500 feet



Ballona Creek
Enhanced Watershed Management Plan

BMP Drainage Area
Ladera Park

PN 182198

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LC01_LaderaPark_drainagearea March 05, 2015 A. Burns

APPENDIX G

COST OPINIONS

Regional Project Cost Estimate Summary				
Regional Project	**Engineering Cost**	**CM Cost**	**Construction Cost**	**Total Cost**
La Cienega Park/Frank Fenton Field	$3,307,000	$2,625,000	$26,244,000	**$32,176,000**
Culver Boulevard Median	$3,645,000	$2,896,000	$28,952,000	**$35,493,000**
Edward Vincent Jr. Park	$4,604,000	$3,663,000	$36,624,000	**$44,891,000**
Rancho Park Golf Course	$1,679,000	$1,323,000	$13,226,000	**$16,228,000**
Plummer Park	$1,299,000	$1,019,000	$10,190,000	**$12,508,000**
Queen Anne Recreation Park	$3,408,000	$2,706,000	$27,051,000	**$33,165,000**
Lafayette Park	$2,513,000	$1,990,000	$19,895,000	**$24,398,000**
Poinsettia Park	$1,403,000	$1,102,000	$11,018,000	**$13,523,000**
Ladera Park				
Total Cost:				**$212,382,000**

Regional Project Timeline				
Regional Project	**Design (years)**	**Bid (months)**	**Construction (years)**	**Total Time (years)**
La Cienega Park/Frank Fenton Field	2	6	4.50	7.00
Culver Boulevard Median	2	6	5.00	7.50
Edward Vincent Jr. Park	2	6	6.25	8.75
Rancho Park Golf Course	1	6	2.25	3.75
Plummer Park	1	6	1.75	3.25
Queen Anne Recreation Park	2	6	4.75	7.25
Lafayette Park	2	6	3.50	6.00
Poinsettia Park	1	6	2.00	3.50
Ladera Park				

La Cienega Park/Frank Fenton Field Cost Estimate				
Description	**Unit**	**Quantity**	**Unit Price**	**Item Total**
Engineering				
Design Plan and Specifications (10%)	LS	1	$2,625,000	$2,625,000
Permits	LS	1	$25,000	$25,000
Environmental Assessment (CEQA) (25% of Design)	LS	1	$657,000	$657,000
Subtotal:				**$3,307,000**
Construction Support				
Construction Administration and Inspections (10%)	LS	1	$2,625,000	$2,625,000
Subtotal:				**$2,625,000**
Construction				
Mobilization (10%)	LS	1	$2,386,000	$2,386,000
Excavation	CY	156,000	$6	$936,000
Fill	CY	107,000	$6	$642,000
Soil Export	CY	50,000	$25	$1,250,000
Landscaping and Irrigation	SF	168,000	$2	$336,000
Diversion Structure	LS	1	$40,000	$40,000
Diversion Pipe	LF	200	$200	$40,000
Storage (Pipes)	GAL	8,030,000	$1.75	$14,053,000
Contingency (25%)	LS	1	$6,561,000	$6,561,000
Subtotal:				**$26,244,000**
Total:				**$32,176,000**

Culver Boulevard Median Cost Estimate				
Description	**Unit**	**Quantity**	**Unit Price**	**Item Total**
Engineering				
Design Plan and Specifications (10%)	LS	1	$2,896,000	$2,896,000
Permits	LS	1	$25,000	$25,000
Environmental Assessment (CEQA) (25% of Design)	LS	1	$724,000	$724,000
Subtotal:				**$3,645,000**
Construction Support				
Construction Administration and Inspections (10%)	LS	1	$2,896,000	$2,896,000
Subtotal:				**$2,896,000**
Construction				
Mobilization (10%)	LS	1	$2,632,000	$2,632,000
Excavation	CY	89,000	$6	$534,000
Fill	CY	36,000	$6	$216,000
Soil Export	CY	54,000	$25	$1,350,000
Landscaping and Irrigation	SF	62,000	$2	$124,000
Diversion Structure	LS	1	$40,000	$40,000
Diversion Pipe	LF	90	$200	$18,000
Storage (Concrete)	GAL	9,600,000	$1.75	$16,800,000
Contingency (25%)	LS	1	$7,238,000	$7,238,000
Subtotal:				**$28,952,000**
Total:				**$35,493,000**

Edward Vincent Jr. Park Cost Estimate				
Description	**Unit**	**Quantity**	**Unit Price**	**Item Total**
Engineering				
Design Plan and Specifications (10%)	LS	1	$3,663,000	$3,663,000
Permits	LS	1	$25,000	$25,000
Environmental Assessment (CEQA) (25% of Design)	LS	1	$916,000	$916,000
Subtotal:				**$4,604,000**
Construction Support				
Construction Administration and Inspections (10%)	LS	1	$3,663,000	$3,663,000
Subtotal:				**$3,663,000**
Construction				
Mobilization (10%)	LS	1	$3,330,000	$3,330,000
Excavation	CY	230,000	$6	$1,380,000
Fill	CY	109,000	$6	$654,000
Soil Export	CY	122,000	$25	$3,050,000
Landscaping and Irrigation	SF	273,000	$2	$546,000
Diversion Structure	LS	1	$40,000	$40,000
Diversion Pipe	LF	710	$200	$142,000
Storage (Pipes)	GAL	9,850,000	$1.75	$17,238,000
Pump Station	LS	1	$1,000,000	$1,000,000
Rip-Rap for Stabilization Weirs	CY	800	$110	$88,000
Contingency (25%)	LS	1	$9,156,000	$9,156,000
Subtotal:				**$36,624,000**
Total:				**$44,891,000**

Rancho Park Golf Course Cost Estimate				
Description	**Unit**	**Quantity**	**Unit Price**	**Item Total**
Engineering				
Design Plan and Specifications (10%)	LS	1	$1,323,000	$1,323,000
Permits	LS	1	$25,000	$25,000
Environmental Assessment (CEQA) (25% of Design)	LS	1	$331,000	$331,000
Subtotal:				**$1,679,000**
Construction Support				
Construction Administration and Inspections (10%)	LS	1	$1,323,000	$1,323,000
Subtotal:				**$1,323,000**
Construction				
Mobilization (10%)	LS	1	$1,203,000	$1,203,000
Excavation	CY	74,000	$6	$444,000
Fill	CY	50,000	$6	$300,000
Soil Export	CY	25,000	$25	$625,000
Landscaping and Irrigation	SF	74,000	$2	$148,000
Diversion Structure	LS	1	$40,000	$40,000
Pipes (Diversion and Re-Routed Storm Drain)	LF	1,280	$200	$256,000
Storage (Concrete)	GAL	3,862,000	$1.75	$6,759,000
Remove Existing Storm Drain	LF	720	$200	$144,000
Contingency (25%)	LS	1	$3,307,000	$3,307,000
Subtotal:				**$13,226,000**
Total:				**$16,228,000**

Plummer Park Cost Estimate				
Description	**Unit**	**Quantity**	**Unit Price**	**Item Total**
Engineering				
Design Plan and Specifications (10%)	LS	1	$1,019,000	$1,019,000
Permits	LS	1	$25,000	$25,000
Environmental Assessment (CEQA) (25% of Design)	LS	1	$255,000	$255,000
Subtotal:				**$1,299,000**
Construction Support				
Construction Administration and Inspections (10%)	LS	1	$1,019,000	$1,019,000
Subtotal:				**$1,019,000**
Construction				
Mobilization (10%)	LS	1	$927,000	$927,000
Excavation	CY	16,000	$6	$96,000
Soil Export	CY	16,000	$25	$400,000
Diversion Structure	LS	1	$40,000	$40,000
Diversion Pipe	LF	420	$200	$84,000
Storage (Concrete)	GAL	2,340,000	$1.75	$4,095,000
Pump Station	LS	1	$2,000,000	$2,000,000
Contingency (25%)	LS	1	$2,548,000	$2,548,000
Subtotal:				**$10,190,000**
Total:				**$12,508,000**

Queen Anne Recreation Park Cost Estimate				
Description	**Unit**	**Quantity**	**Unit Price**	**Item Total**
Engineering				
Design Plan and Specifications (10%)	LS	1	$2,706,000	$2,706,000
Permits	LS	1	$25,000	$25,000
Environmental Assessment (CEQA) (25% of Design)	LS	1	$677,000	$677,000
Subtotal:				**$3,408,000**
Construction Support				
Construction Administration and Inspections (10%)	LS	1	$2,706,000	$2,706,000
Subtotal:				**$2,706,000**
Construction				
Mobilization (10%)	LS	1	$2,460,000	$2,460,000
Excavation	CY	33,000	$6	$198,000
Fill	CY	10,000	$6	$60,000
Soil Export	CY	24,000	$25	$600,000
Landscaping and Irrigation	SF	63,000	$2	$126,000
Diversion Structure	LS	1	$40,000	$40,000
Pipes (Diversion and Re-Routed Storm Drain)	LF	470	$200	$94,000
Storage (Pipes)	GAL	3,800,000	$1.75	$6,650,000
Pump Station	LS	1	$10,000,000	$10,000,000
Remove Existing Storm Drain	LF	300	$200	$60,000
Contingency (25%)	LS	1	$6,763,000	$6,763,000
Subtotal:				**$27,051,000**
Total:				**$33,165,000**

Lafayette Park Cost Estimate				
Description	**Unit**	**Quantity**	**Unit Price**	**Item Total**
Engineering				
Design Plan and Specifications (10%)	LS	1	$1,990,000	$1,990,000
Permits	LS	1	$25,000	$25,000
Environmental Assessment (CEQA) (25% of Design)	LS	1	$498,000	$498,000
Subtotal:				**$2,513,000**
Construction Support				
Construction Administration and Inspections (10%)	LS	1	$1,990,000	$1,990,000
Subtotal:				**$1,990,000**
Construction				
Mobilization (10%)	LS	1	$1,809,000	$1,809,000
Excavation	CY	135,000	$6	$810,000
Fill	CY	97,000	$6	$582,000
Soil Export	CY	39,000	$25	$975,000
Landscaping and Irrigation	SF	80,000	$2	$160,000
Diversion Structure	LS	1	$40,000	$40,000
Pipes (Diversion and Re-Routed Storm Drain)	LF	600	$200	$120,000
Storage (Concrete)	GAL	5,918,000	$1.75	$10,357,000
Remove Existing Storm Drain	LF	340	$200	$68,000
Contingency (25%)	LS	1	$4,974,000	$4,974,000
Subtotal:				**$19,895,000**
Total:				**$24,398,000**

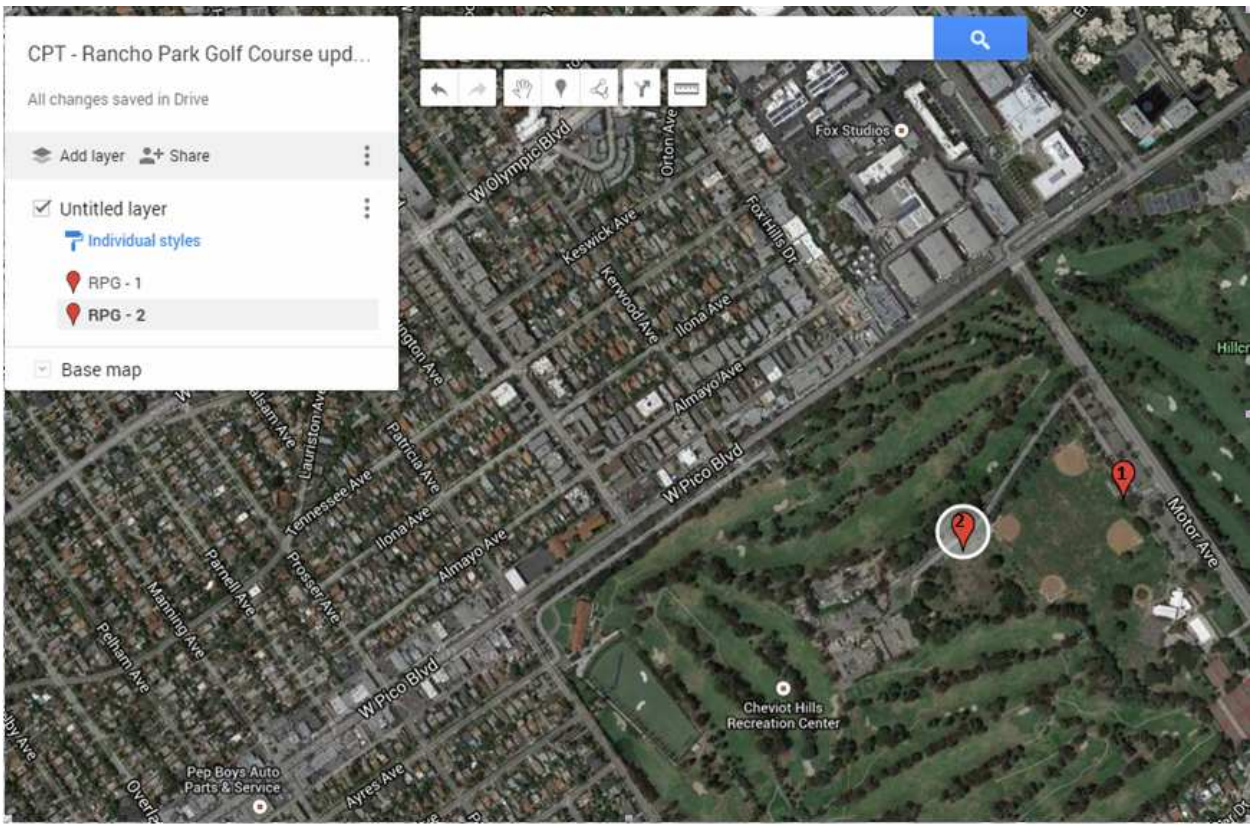
Poinsettia Park Cost Estimate				
Description	**Unit**	**Quantity**	**Unit Price**	**Item Total**
Engineering				
Design Plan and Specifications (10%)	LS	1	$1,102,000	$1,102,000
Permits	LS	1	$25,000	$25,000
Environmental Assessment (CEQA) (25% of Design)	LS	1	$276,000	$276,000
Subtotal:				**$1,403,000**
Construction Support				
Construction Administration and Inspections (10%)	LS	1	$1,102,000	$1,102,000
Subtotal:				**$1,102,000**
Construction				
Mobilization (10%)	LS	1	$1,002,000	$1,002,000
Excavation	CY	42,000	$6	$252,000
Fill	CY	13,000	$6	$78,000
Soil Export	CY	30,000	$25	$750,000
Landscaping and Irrigation	SF	113,000	$2	$226,000
Diversion Structure	LS	1	$40,000	$40,000
Diversion Pipe	LF	70	$200	$14,000
Storage (Concrete)	GAL	3,372,000	$1.75	$5,901,000
Contingency (25%)	LS	1	$2,755,000	$2,755,000
Subtotal:				**$11,018,000**
Total:				**$13,523,000**

Appendix 4.D
Geotechnical Data

City of Los Angeles
Enhanced Watershed Management Program
CPT Data Collection
ULAR and Ballona Creek

Site Location: Rancho Park Golf Course, Los Angeles
Date of CPT Activity: 4/21/2015
Hand Augured: Upper 5 Feet

CPT Name	Latitude	Longitude	Depth (feet)
RPG - CPT - 1	34.046659	-118.408751	30'
RPG - CPT - 2	34.046056	-118.411441	30'



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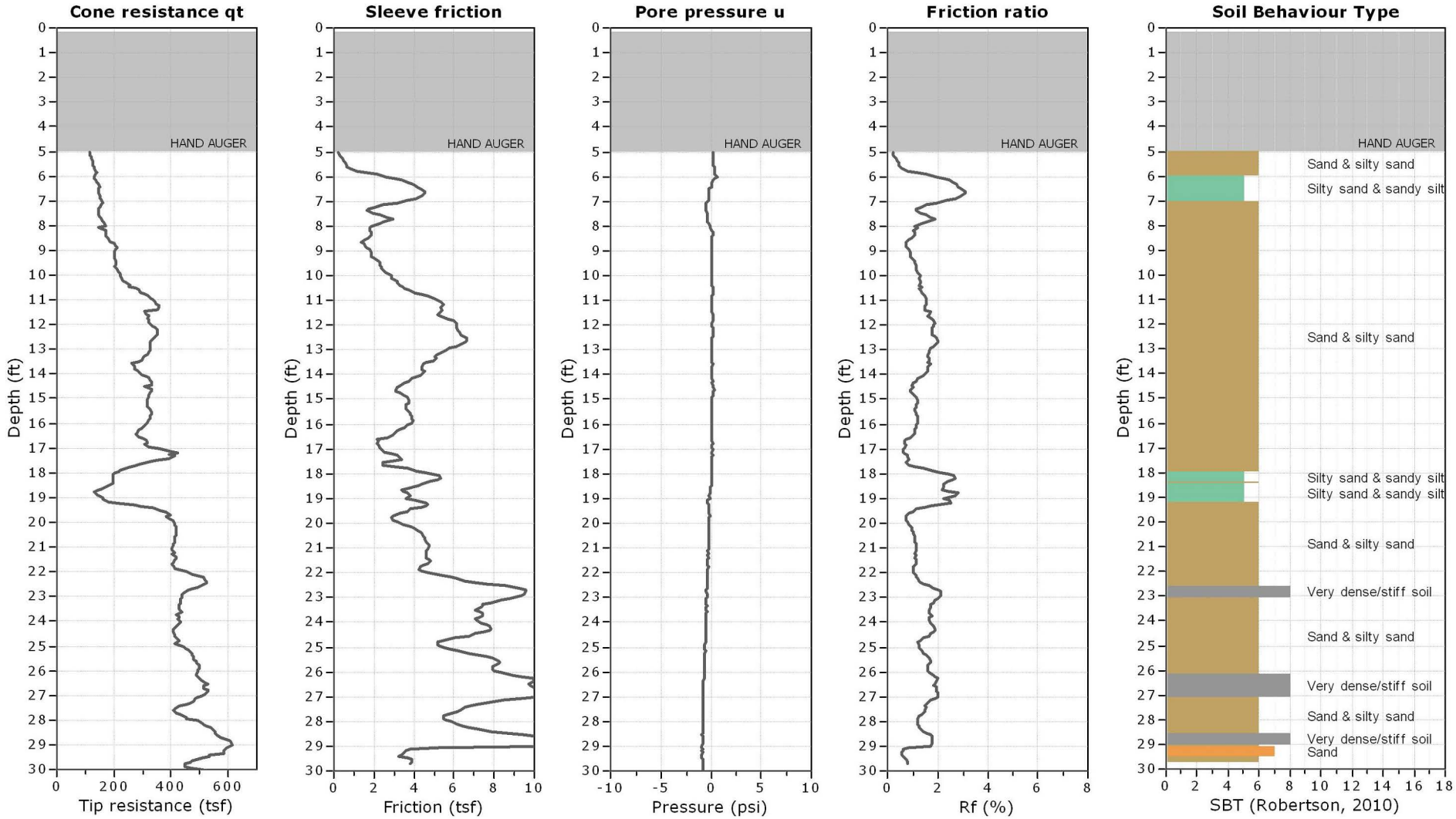
714-901-7270
rich@kehoetesting.com
www.kehoetesting.com

Project: **ADvTech Environmental, Inc.\ Rancho Park Golf Course**
Location: **10000 W. Pico Blvd Los Angeles, CA**

CPT: RPG CPT-1
Total depth: 30.09 ft, Date: 4/21/2015
Cone Type: Vertek



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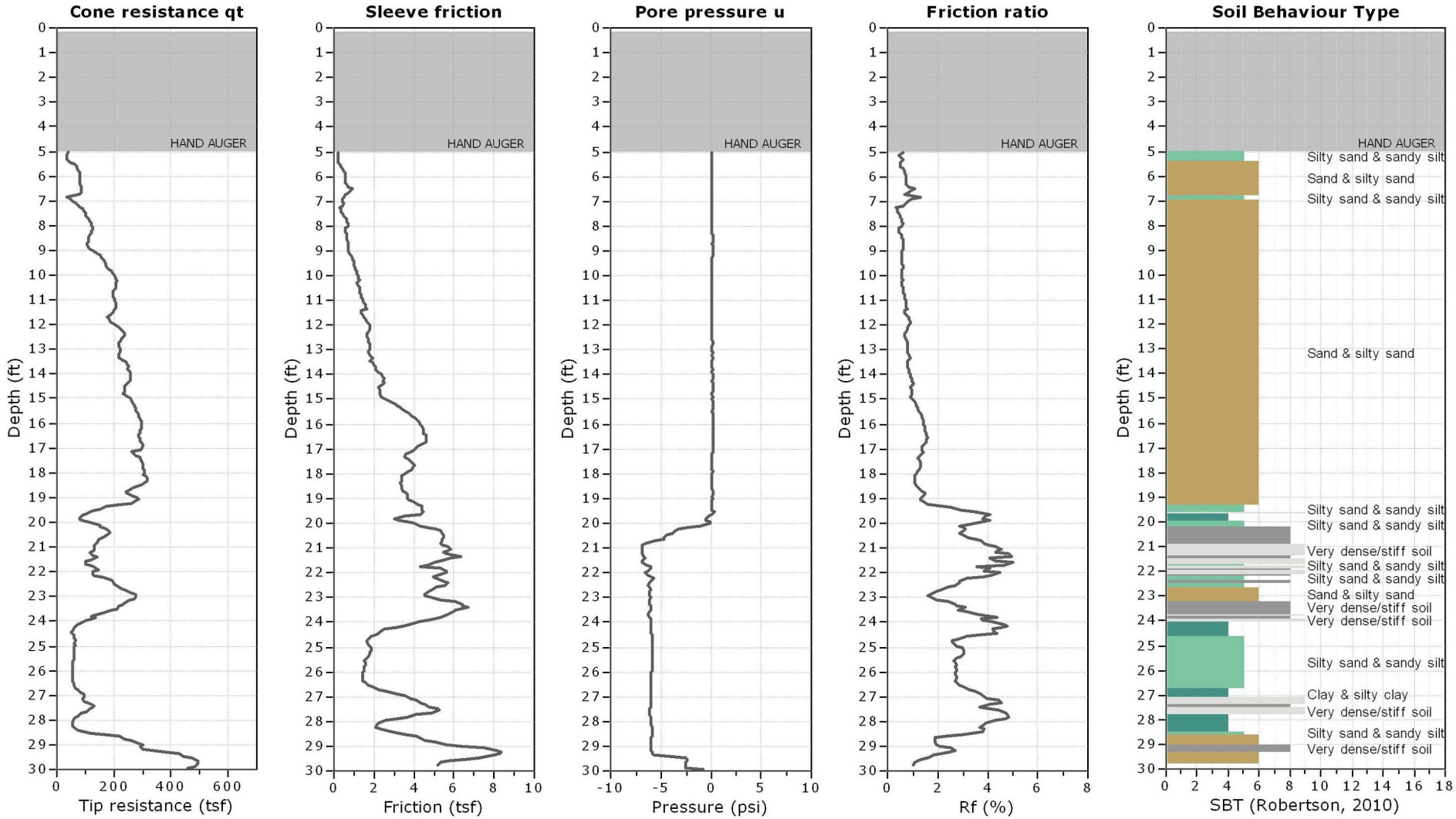
Project: **ADvTech Environmental, Inc.\ Rancho Park Golf Course**
Location: **10000 W. Pico Blvd Los Angeles, CA**

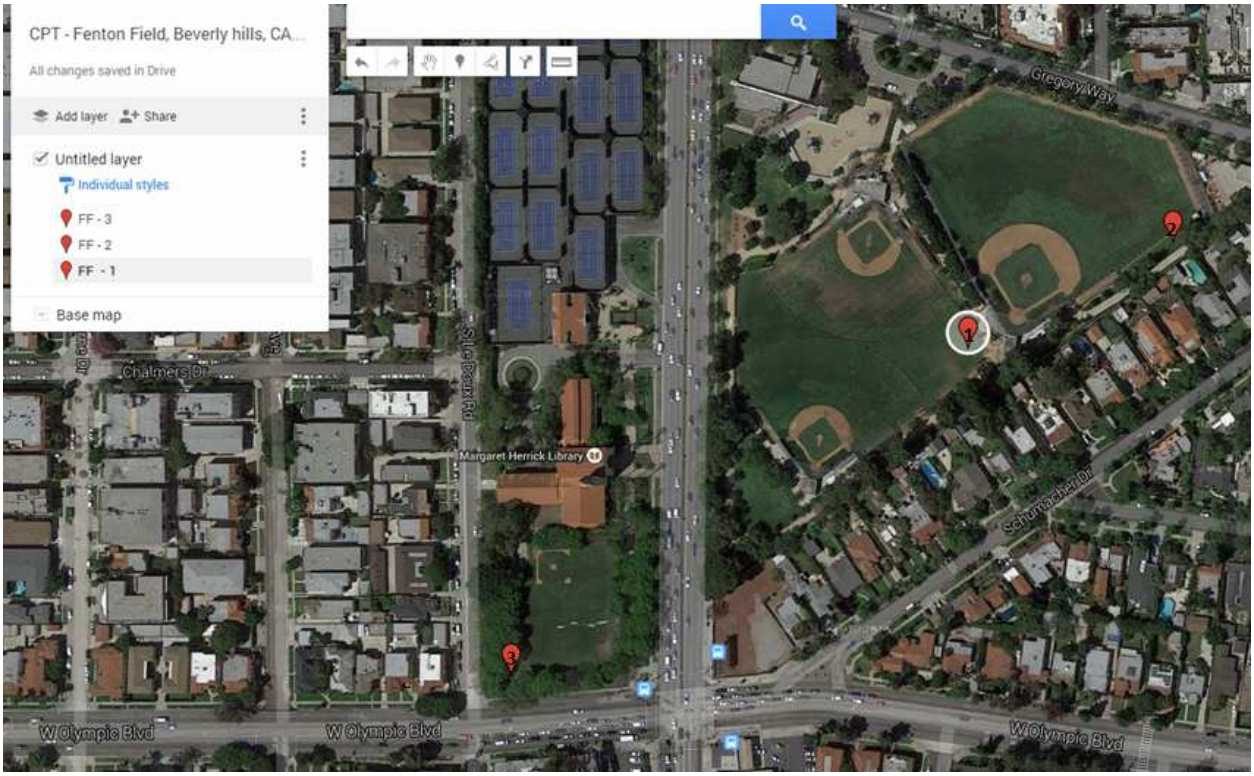
CPT: RPG CPT-2
Total depth: 30.12 ft, Date: 4/21/2015
Cone Type: Vertek



City of Los Angeles
Enhanced Watershed Management Program
CPT Data Collection
ULAR and Ballona Creek

Site Location: Fenton Field, Beverly Hills
Date of CPT Activity: 3/23/2015
Hand Augered: Upper 5 Feet

CPT Name	Latitude	Longitude	Depth (feet)
FF- CPT - 1	34.061041	-118.374716	30'
FF - CPT - 2	34.061446	-118.37367	30'
FF - CPT - 3	34.059544	-118.377114	30'



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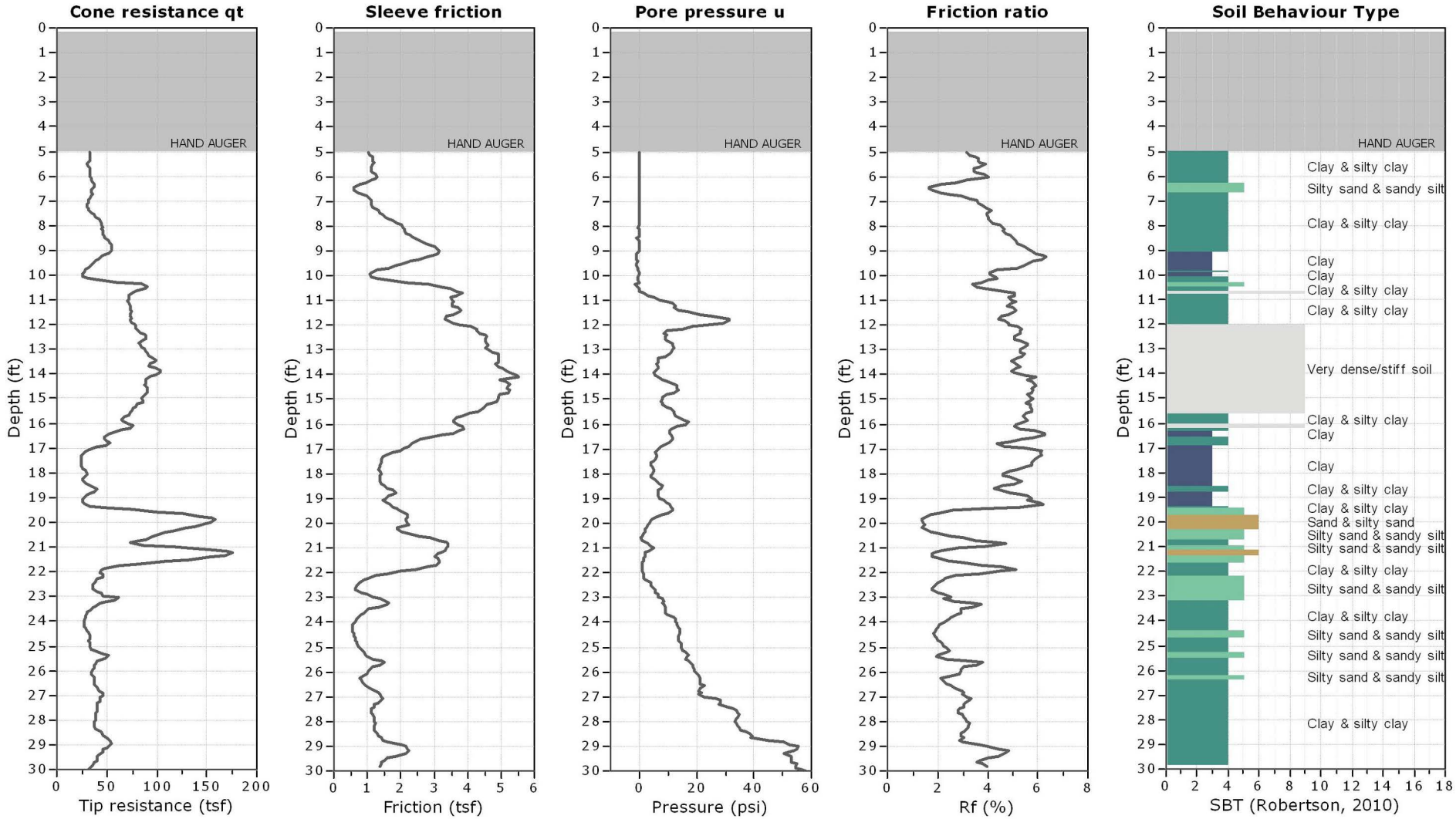
CPT: FF-CPT-1

Project: ADvTech Environmental, Inc.\ Beverly Hills Park
Location: 8400 Gregory Way Beverly Hills, CA

Total depth: 30.18 ft, Date: 3/23/2015
Cone Type: Vertek



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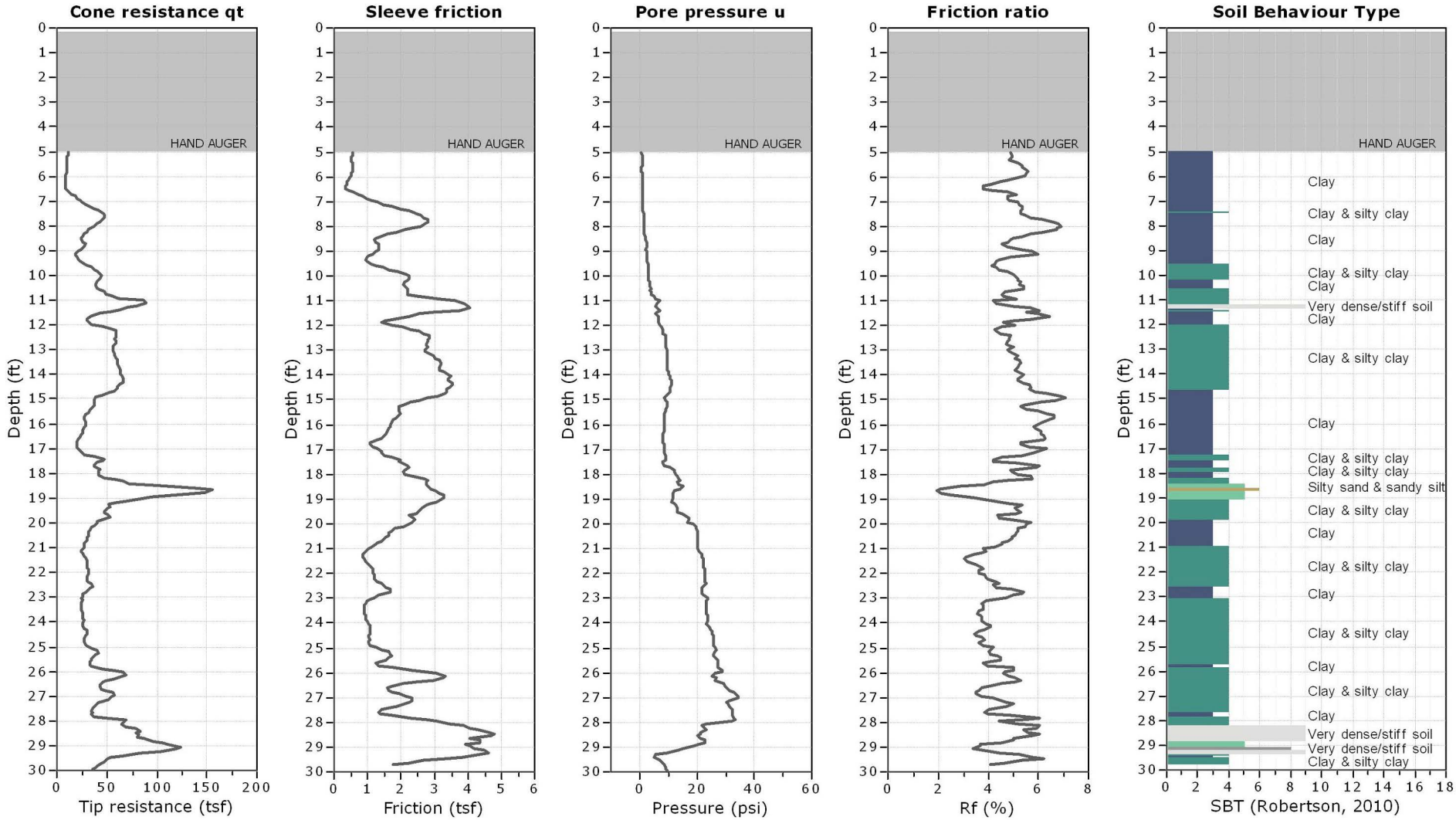
CPT: FF-CPT-2

Project: **ADvTech Environmental, Inc.\ Beverly Hills Park**
Location: **8400 Gregory Way Beverly Hills, CA**

Total depth: 30.11 ft, Date: 3/23/2015
Cone Type: Vertek



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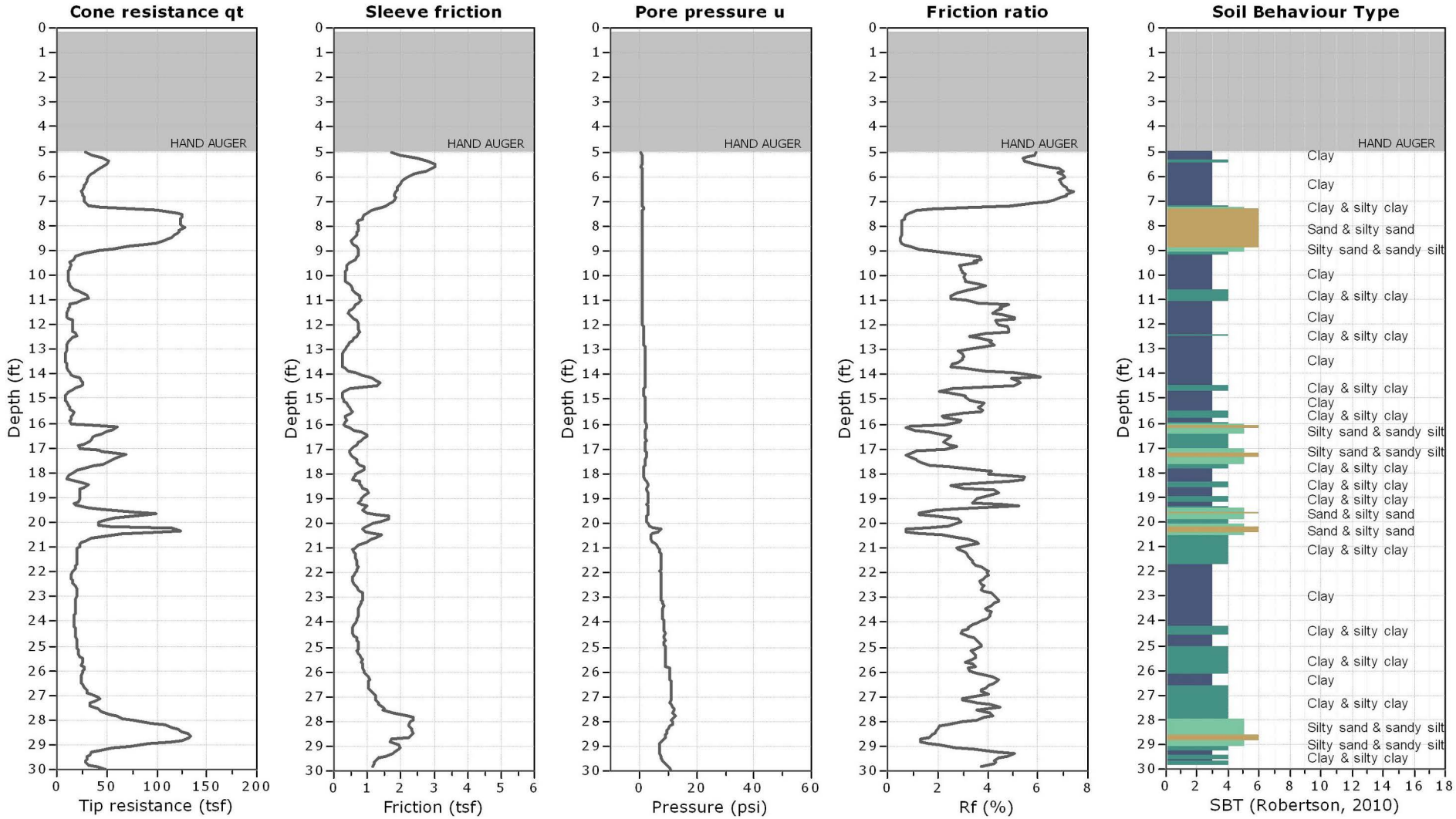
CPT: FF-CPT-3

Project: ADvTech Environmental, Inc.\ Beverly Hills Park
Location: 8400 Gregory Way Beverly Hills, CA

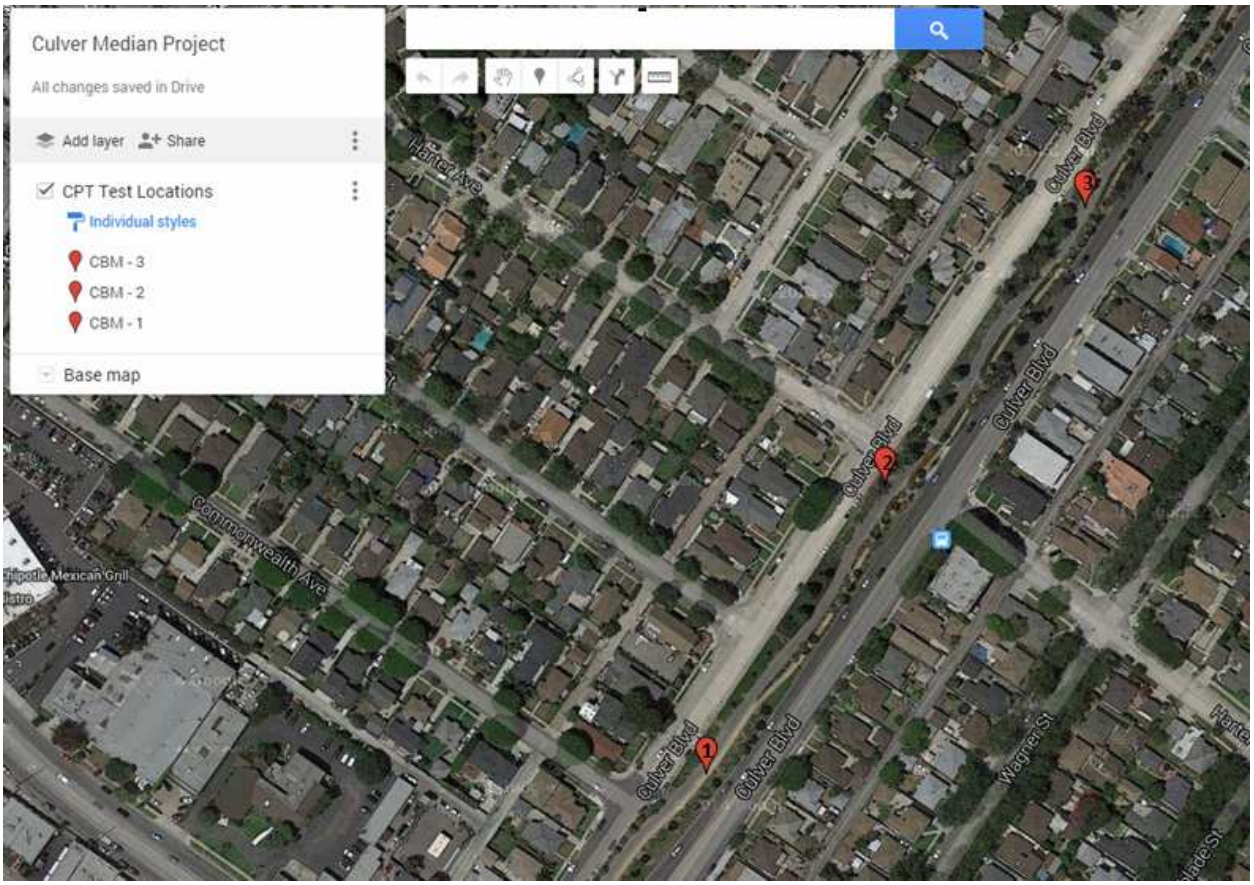
Total depth: 30.21 ft, Date: 3/23/2015
Cone Type: Vertek



City of Los Angeles
Enhanced Watershed Management Program
CPT Data Collection
ULAR and Ballona Creek

Site Location: Culver City Boulevard Median, Culver City
Date of CPT Activity: 3/23/2015
Hand Augured: Did not augur[1]

CPT Name	Latitude	Longitude	Depth (feet)
CBM - CPT - 1	34.006006	-118.409008	30'
[2]CBM - CPT - 2	34.007028	-118.40815	22'
[2]CBM - CPT - 3	34.008291	-118.407217	19'



[1]Hand auguring could not penetrate past asphalt
[2]Refusal occurred before 30' was reached

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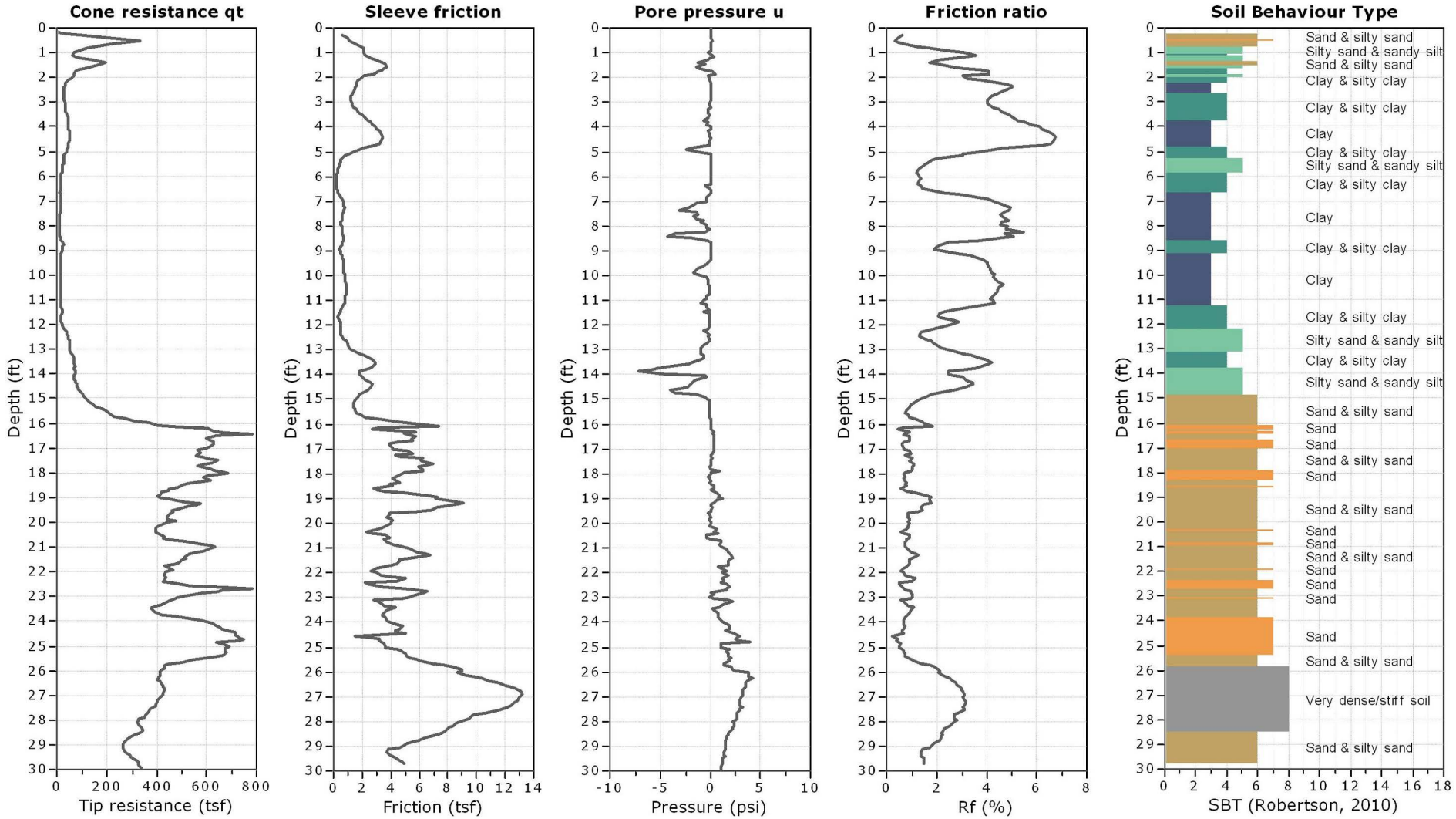
CPT: CBM-CPT-1

Project: **ADvTech Environmental, Inc.\ Culver Boulevard Median Project**
Location: **Culver Blvd & Harter Ave Culver City, CA**

Total depth: 30.11 ft, Date: 3/23/2015
Cone Type: Vertek



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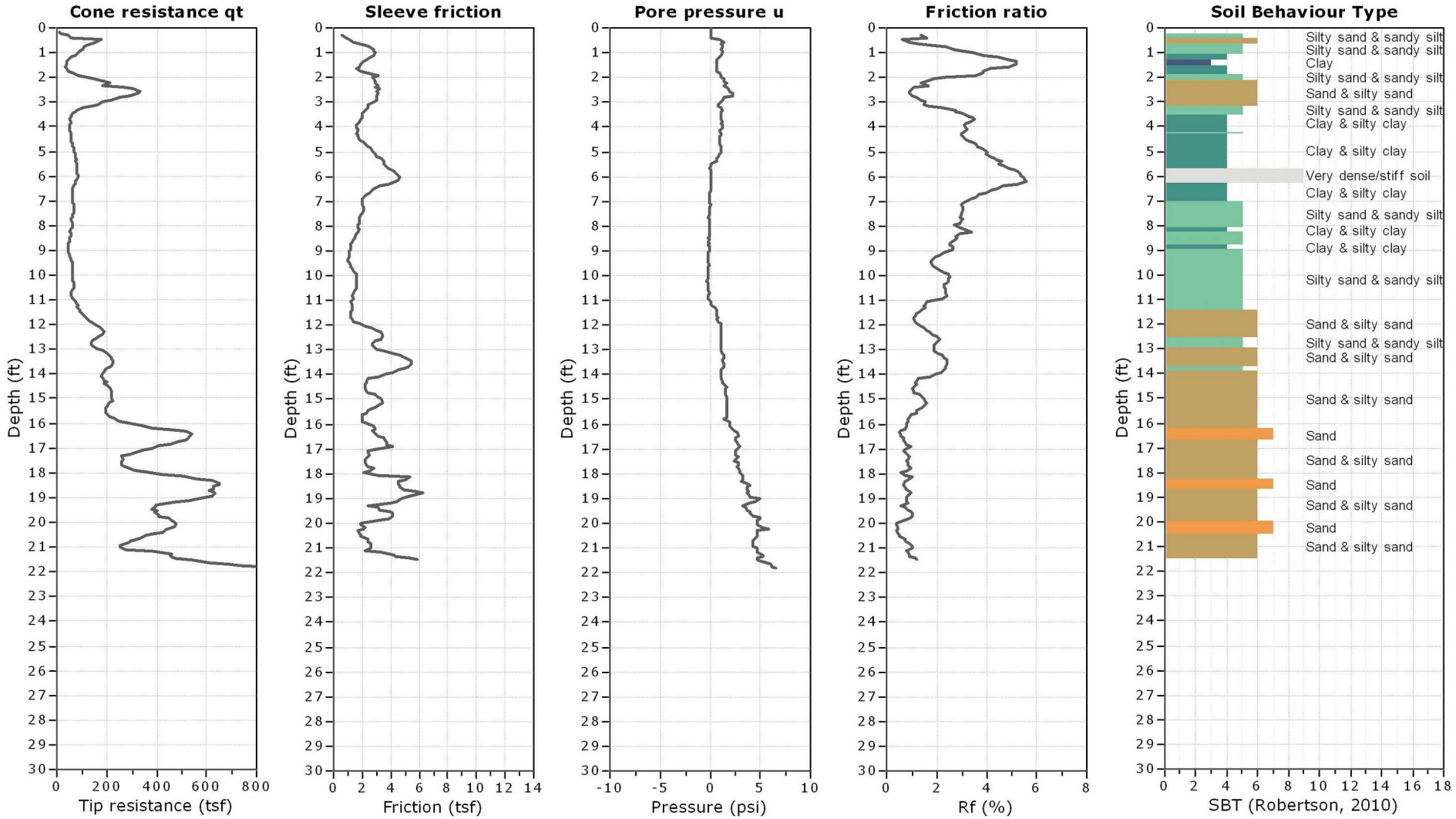
CPT: CBM-CPT-2

Project: **ADvTech Environmental, Inc.\ Culver Boulevard Median Project**
Location: **Culver Blvd & Harter Ave Culver City, CA**

Total depth: 21.84 ft, Date: 3/23/2015
Cone Type: Vertek



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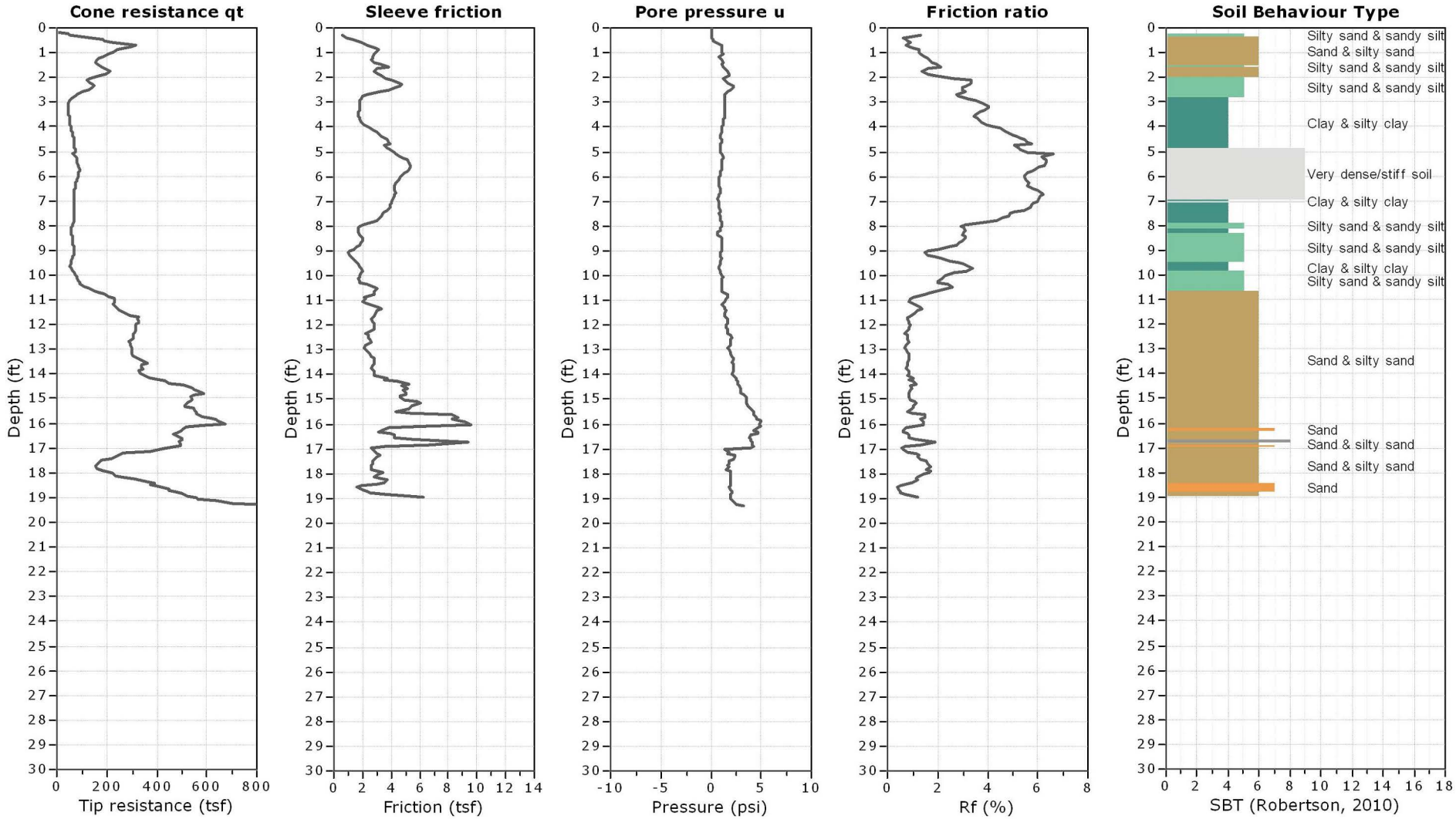
CPT: CBM-CPT-3

Project: **ADvTech Environmental, Inc.\ Culver Boulevard Median Project**
Location: **Culver Blvd & Harter Ave Culver City, CA**

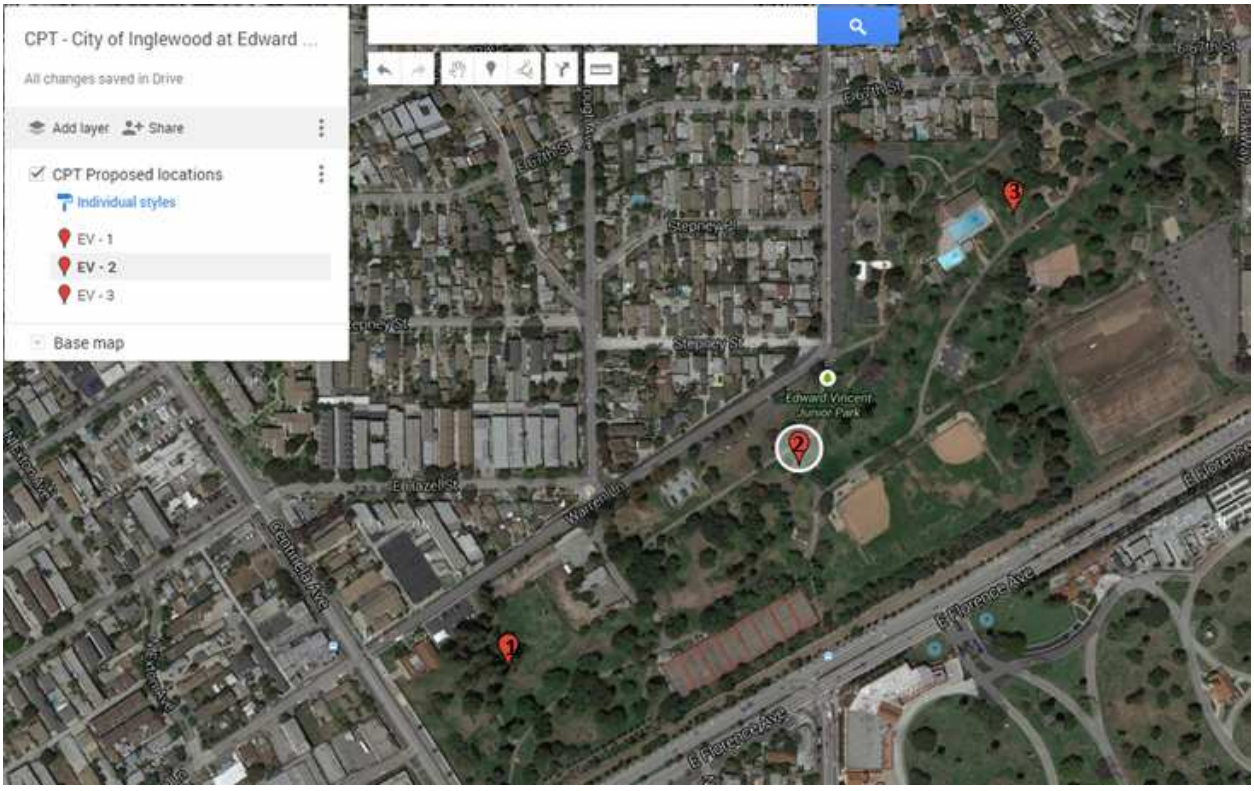
Total depth: 19.28 ft, Date: 3/23/2015
Cone Type: Vertek



City of Los Angeles
Enhanced Watershed Management Program
CPT Data Collection
ULAR and Ballona Creek

Site Location: Edward Vincent Jr. Park, City of Inglewood
Date of CPT Activity: 3/25/2015
Hand Augured: Upper 5 Feet

CPT Name	Latitude	Longitude	Depth (feet)
EV - CPT - 1	33.97129	-118.346972	30'
EV - CPT - 2	33.972833	-118.344305	30'
EV - CPT - 3	33.974978	-118.342101	30'



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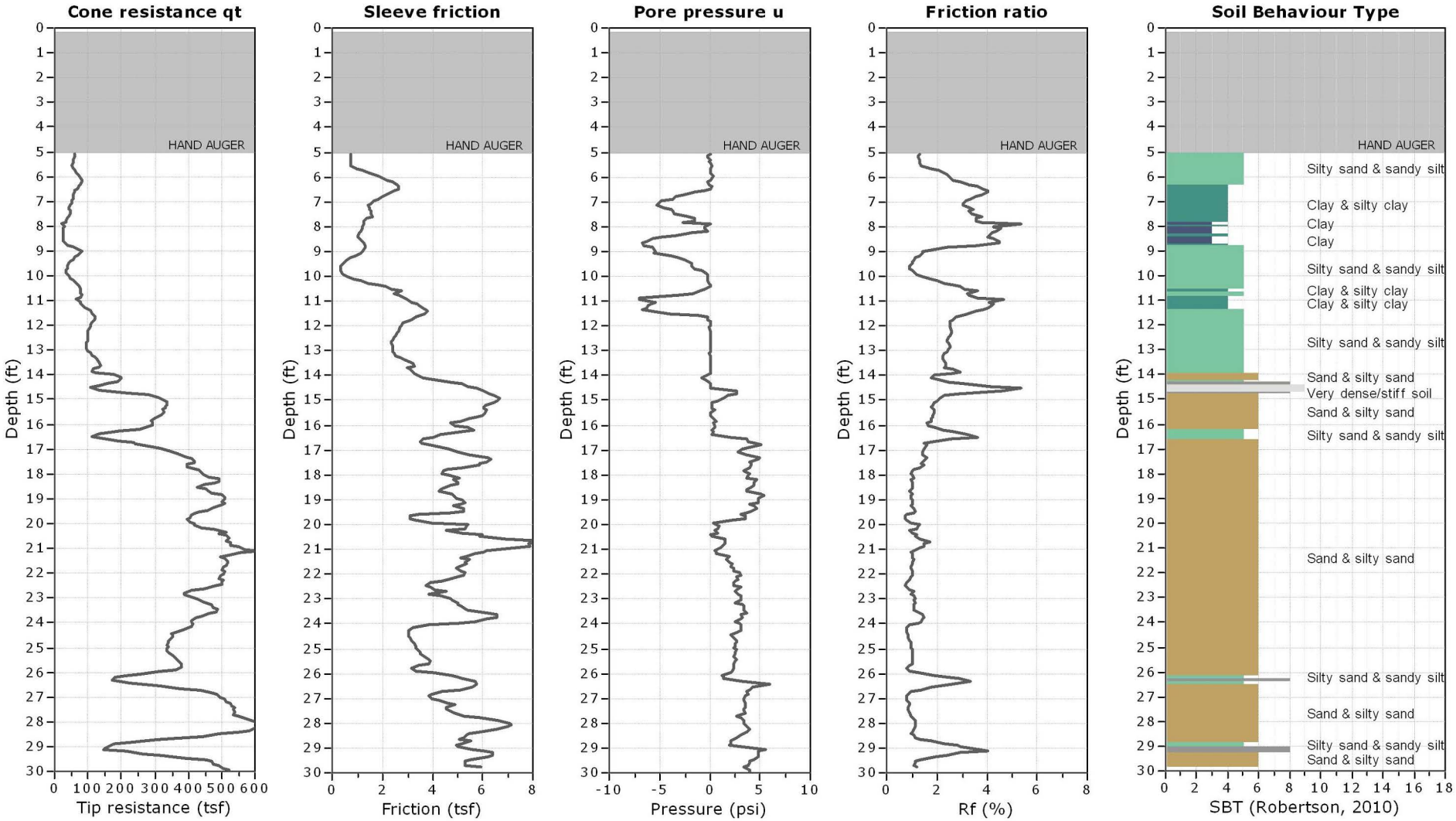
Project: **ADvTech Environmental, Inc.\ Edward Vincent Jr. Park**
Location: **700 Warren Ln Inglewood, CA**

CPT: EV-CPT-1
Total depth: 30.15 ft, Date: 3/25/2015
Cone Type: Vertek



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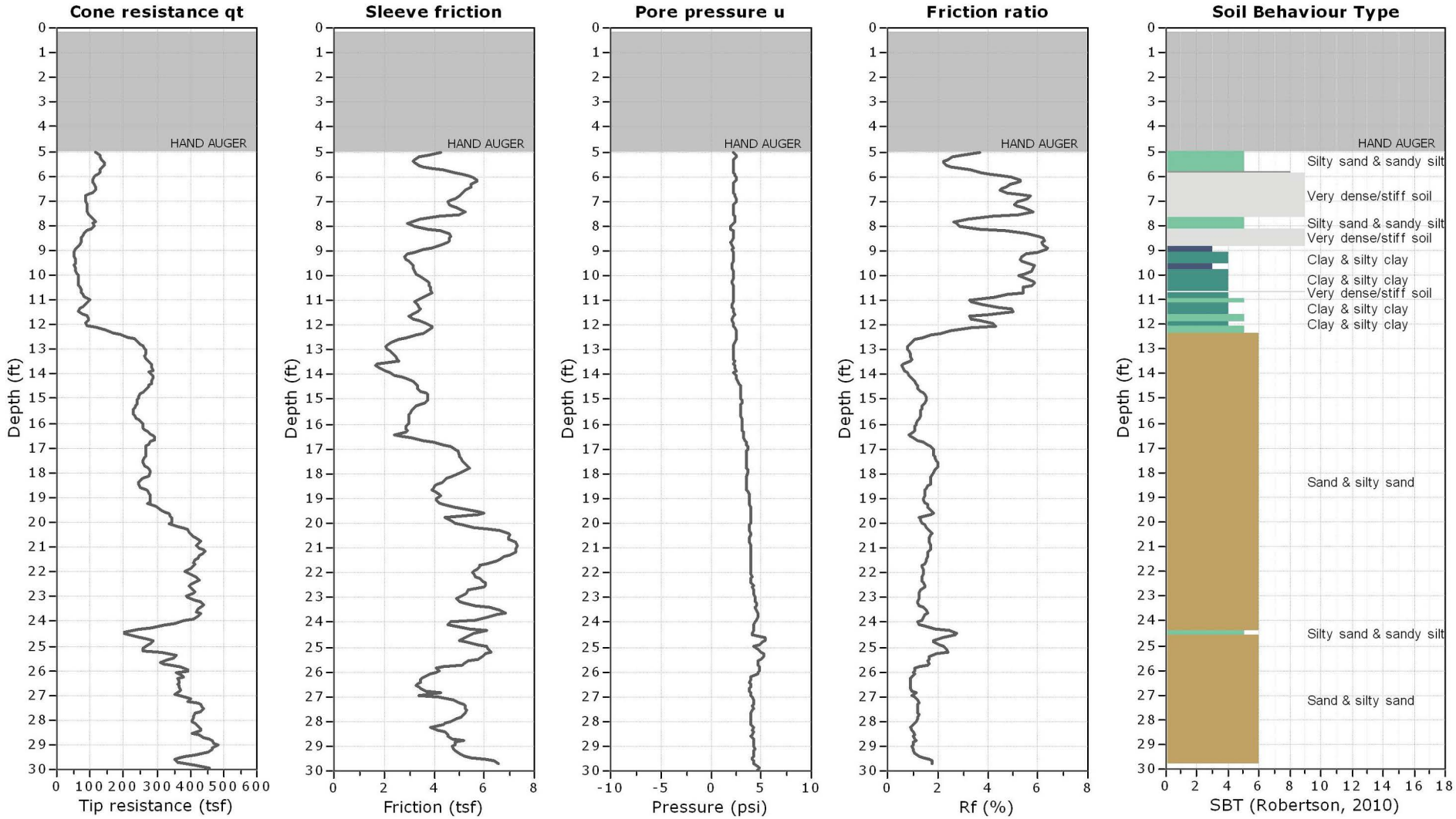
CPT: EV-CPT-2

Project: ADvTech Environmental, Inc.\ Edward Vincent Jr. Park
Location: 700 Warren Ln Inglewood, CA

Total depth: 30.13 ft, Date: 3/25/2015
Cone Type: Vertek



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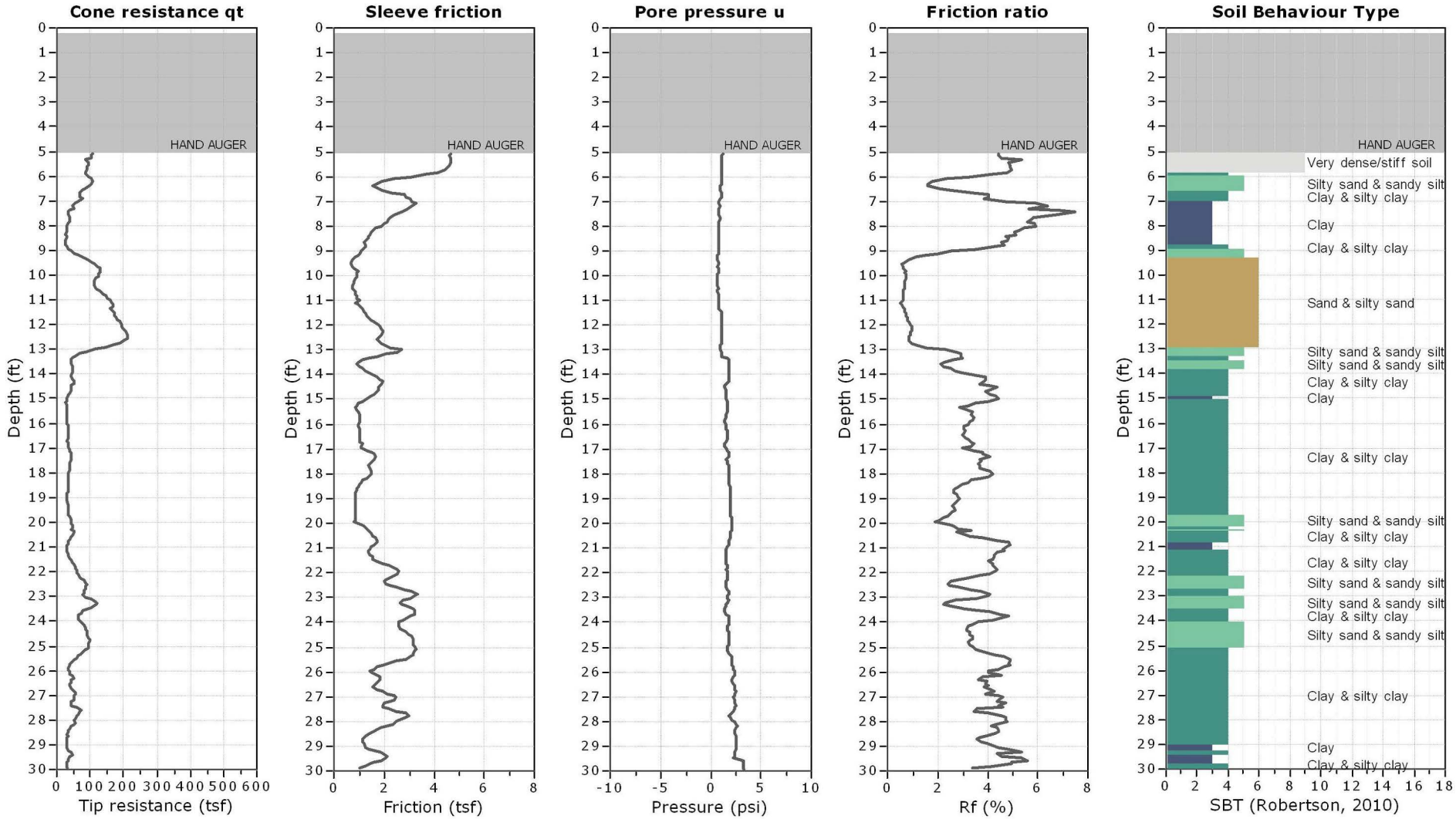
Project: **ADvTech Environmental, Inc.\ Edward Vincent Jr. Park**
Location: **700 Warren Ln Inglewood, CA**

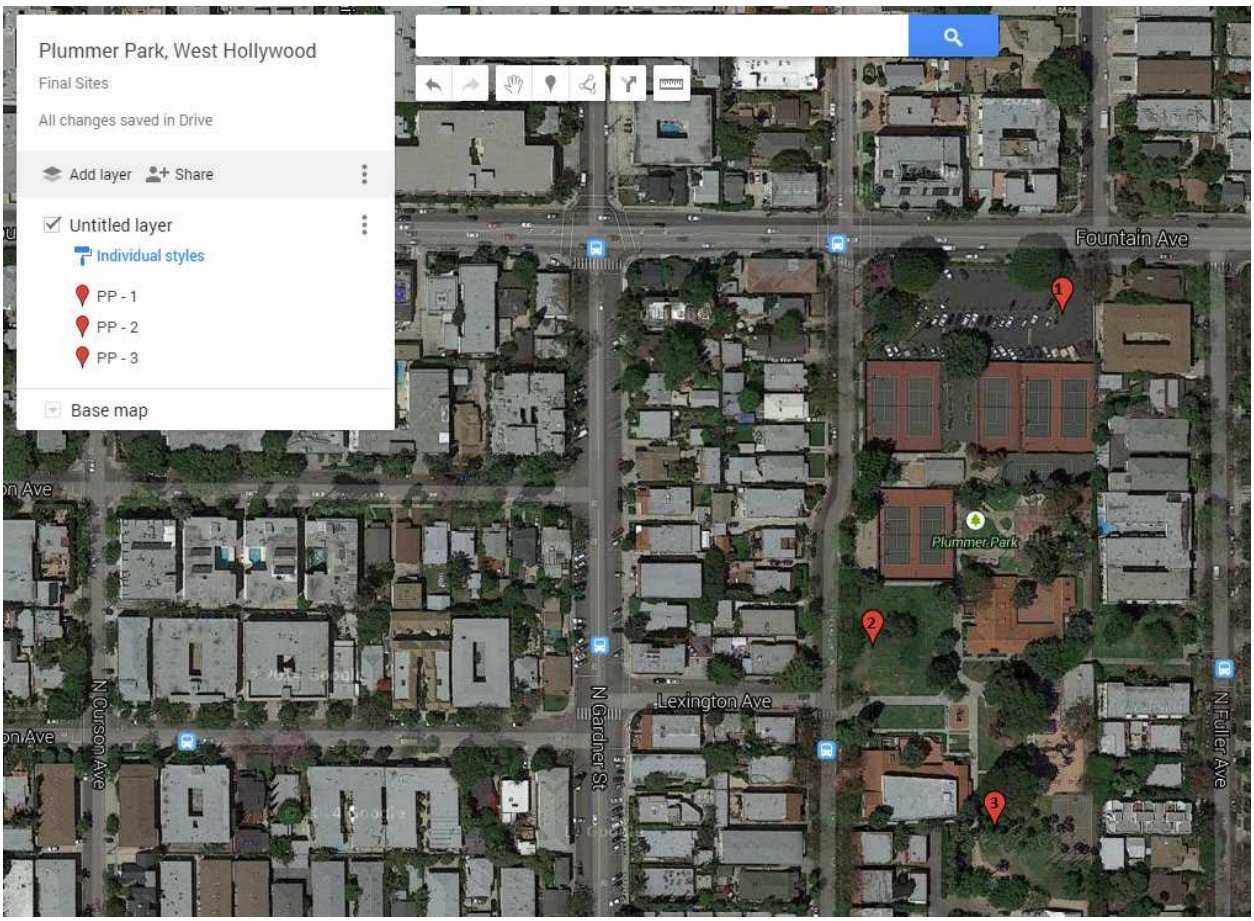
CPT: EV-CPT-3
Total depth: 30.29 ft, Date: 3/25/2015
Cone Type: Vertek



City of Los Angeles
Enhanced Watershed Management Program
CPT Data Collection
ULAR and Ballona Creek

Site Location: Plummer Park, West Hollywood
Date of CPT Activity: 3/24/15
Hand Augured: Upper 5 Feet

CPT Name	Latitude	Longitude	Depth (feet)
WHPP - CPT - 1	34.094071	-118.350787	30'
WHPP - CPT - 2	34.093022	-118.351686	30'
WHPP - CPT - 3	34.092146	-118.351018	30'



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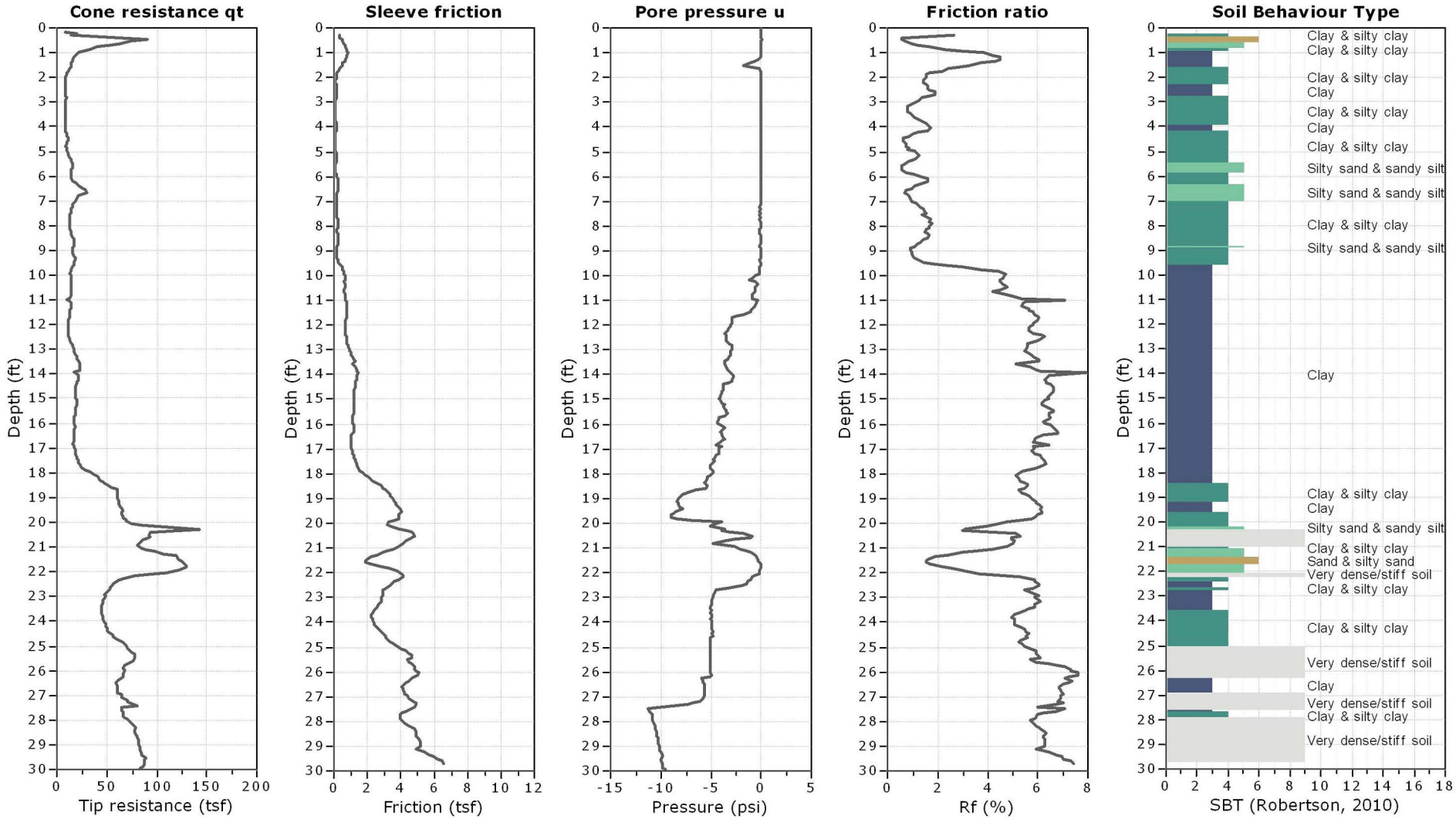
CPT: WHPP-CPT-1

Project: ADvTech Environmental, Inc.\ West Hollywood
Location: 7377 Santa Monica Blvd W. Hollywood, CA

Total depth: 30.13 ft, Date: 3/23/2015
Cone Type: Vertek



Kehoe Testing and Engineering
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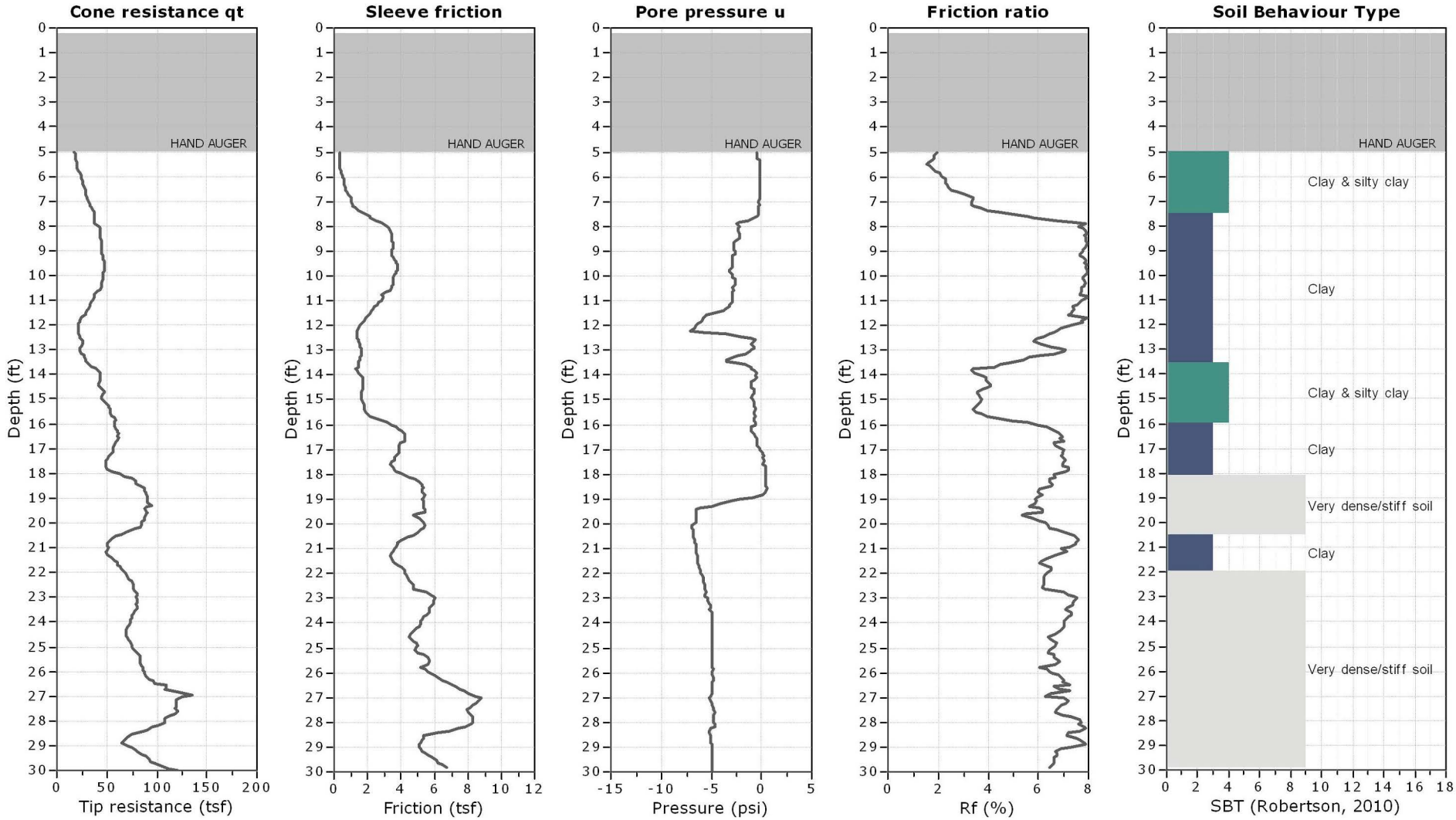
rich@kehoetesting.com
www.kehoetesting.com

CPT: WHPP-CPT-2

Project: ADvTech Environmental, Inc.\ West Hollywood
Location: 7377 Santa Monica Blvd W. Hollywood, CA

Total depth: 30.20 ft, Date: 3/23/2015
Cone Type: Vertek

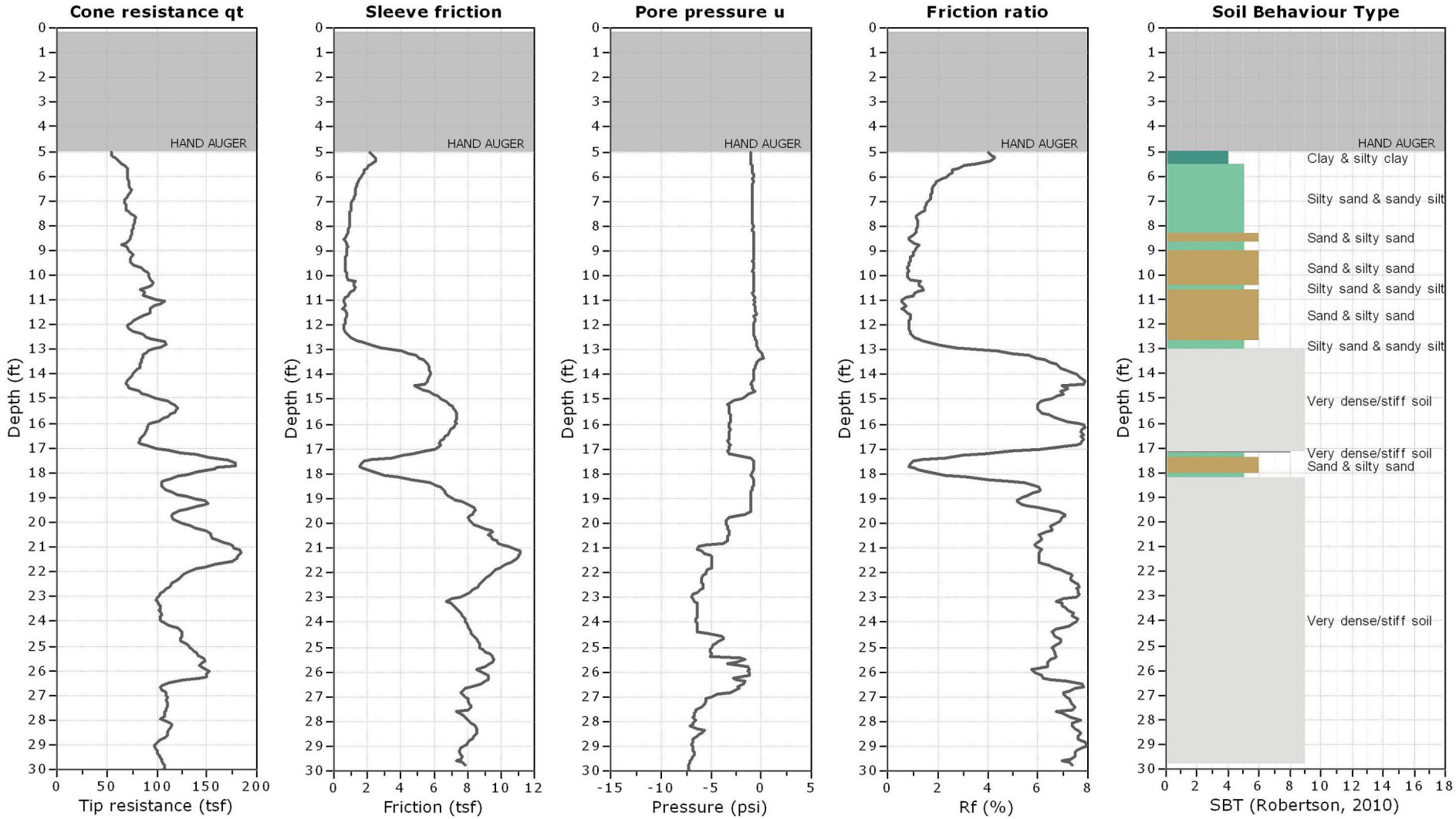


Kehoe Testing and Engineering
714-901-7270
rich@kehoetesting.com
www.kehoetesting.com

CPT: WHPP-CPT-3

Project: ADvTech Environmental, Inc.\ West Hollywood
Location: 7377 Santa Monica Blvd W. Hollywood, CA

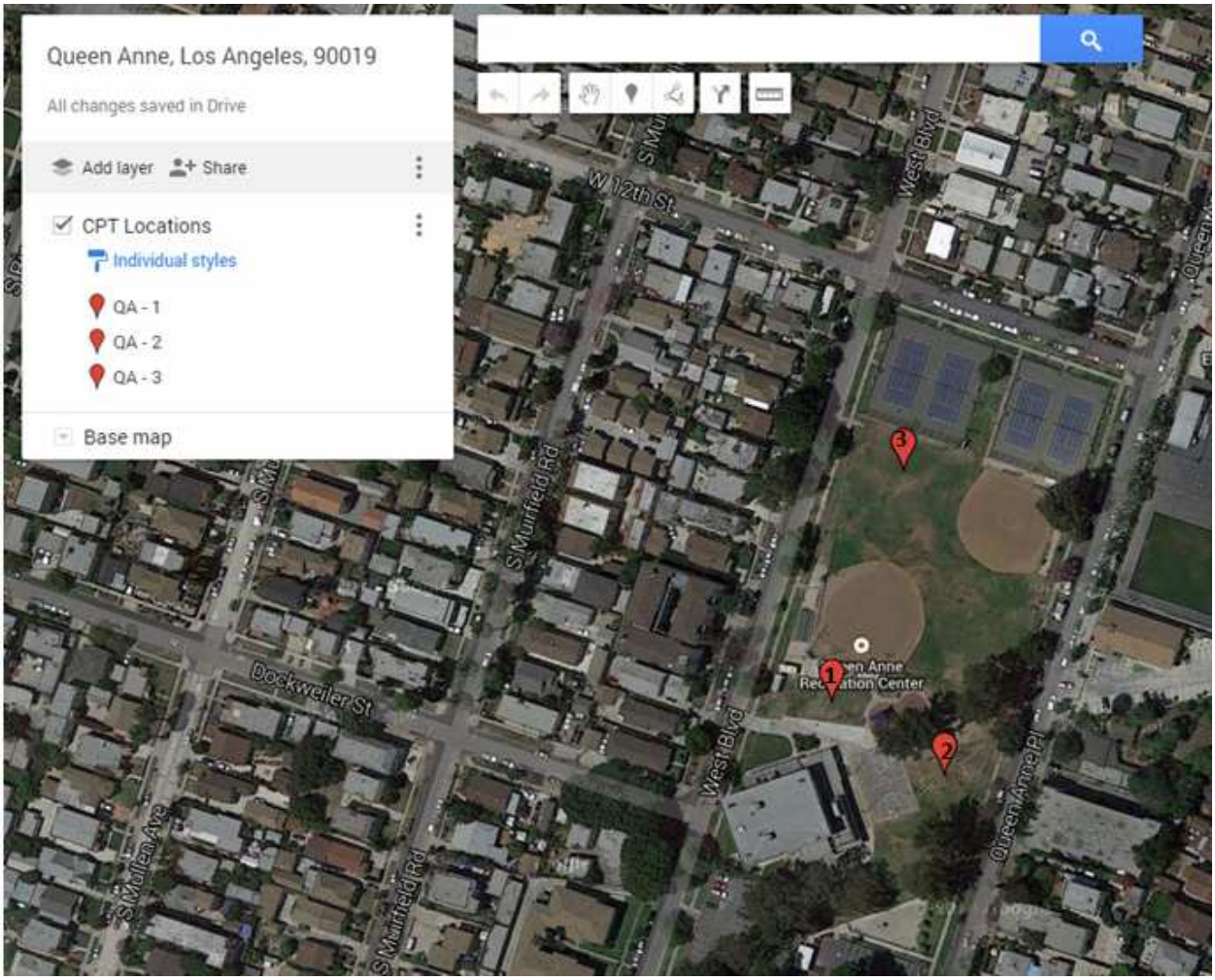
Total depth: 30.17 ft, Date: 3/23/2015
Cone Type: Vertek



City of Los Angeles
Enhanced Watershed Management Program
CPT Data Collection
ULAR and Ballona Creek

Site Location: Queen Anne Recreational Center, Los Angeles
Date of CPT Activity: 3/23/2015
Hand Augured: Upper 5 Feet

CPT Name	Latitude	Longitude	Depth (feet)
QA - CPT - 1	34.050523	-118.332771	30'
QA - CPT - 2	34.050287	-118.332122	30'
QA - CPT - 3	34.051305	-118.332438	30'

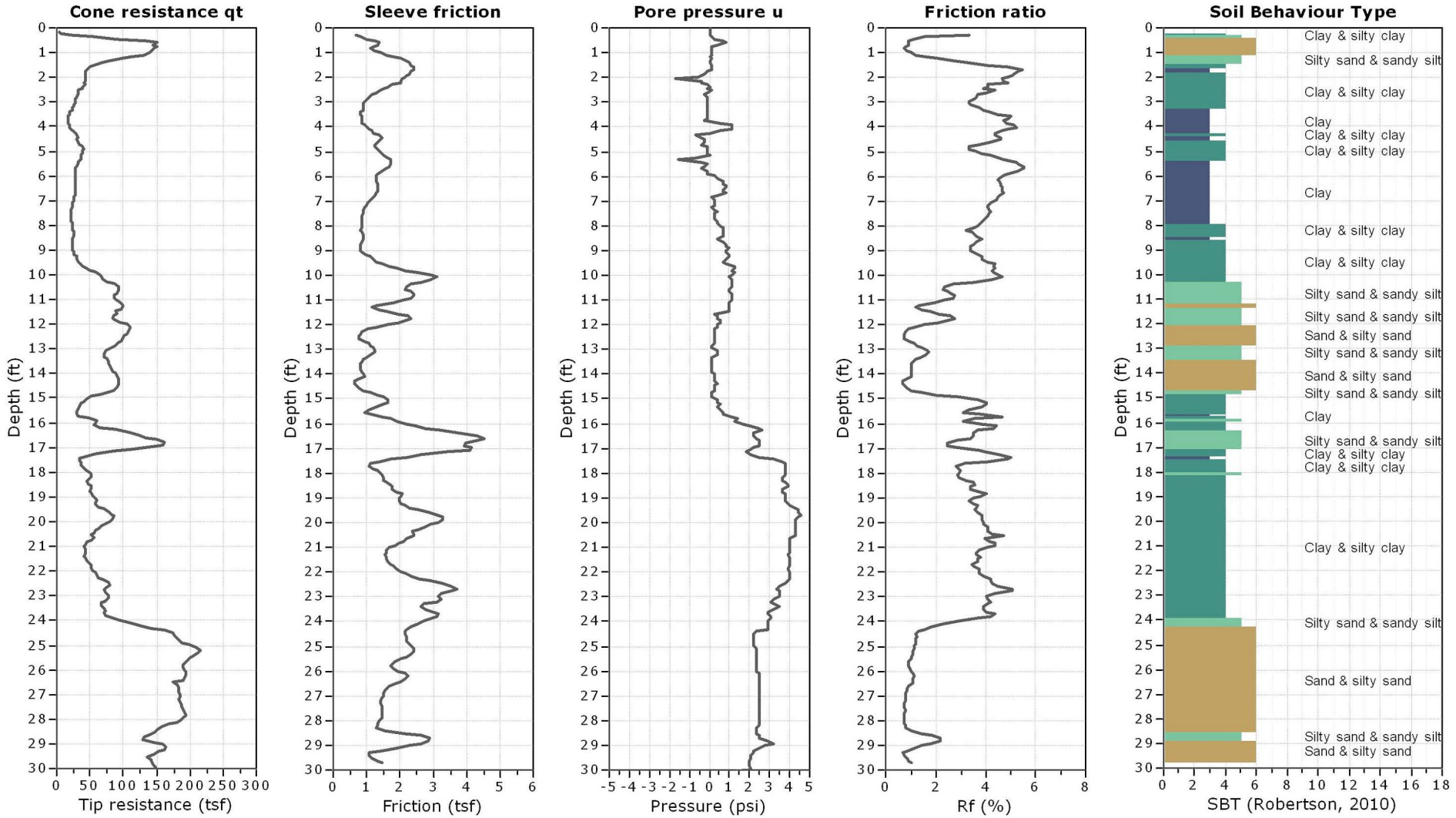


Kehoe Testing and Engineering
714-901-7270
rich@kehoetesting.com
www.kehoetesting.com

CPT: QA-CPT-1

Project: **ADvTech Environmental, Inc.\ Queen Anne Recreational Center**
Location: **1240 West Blvd Los Angeles, CA**

Total depth: 30.12 ft, Date: 3/23/2015
Cone Type: Vertek



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rich@kehoetesting.com
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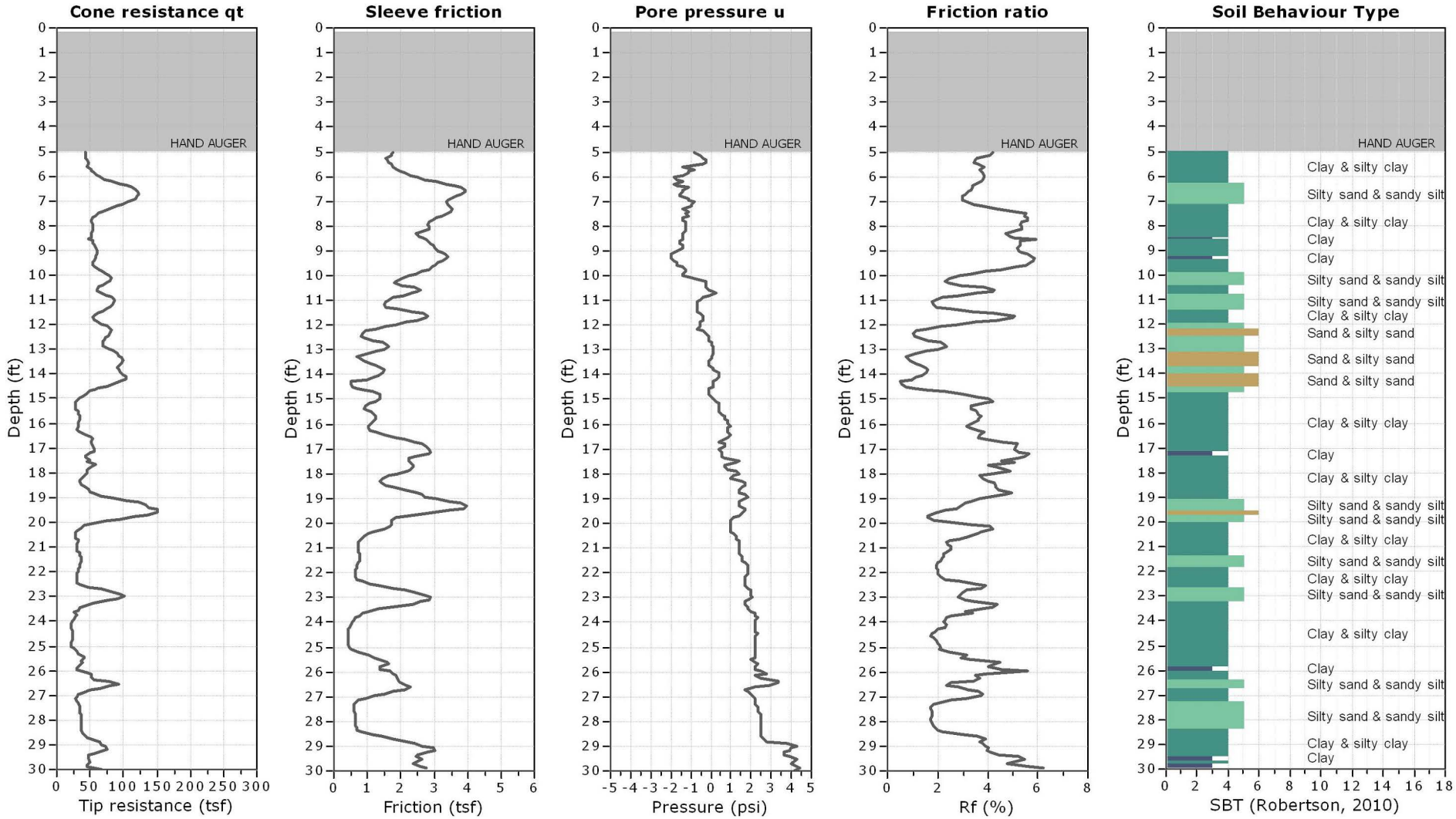
CPT: QA-CPT-2

Project: **ADvTech Environmental, Inc.\ Queen Anne Recreational Center**
Location: **1240 West Blvd Los Angeles, CA**

Total depth: 30.25 ft, Date: 3/23/2015
Cone Type: Vertek



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rich@kehoetesting.com
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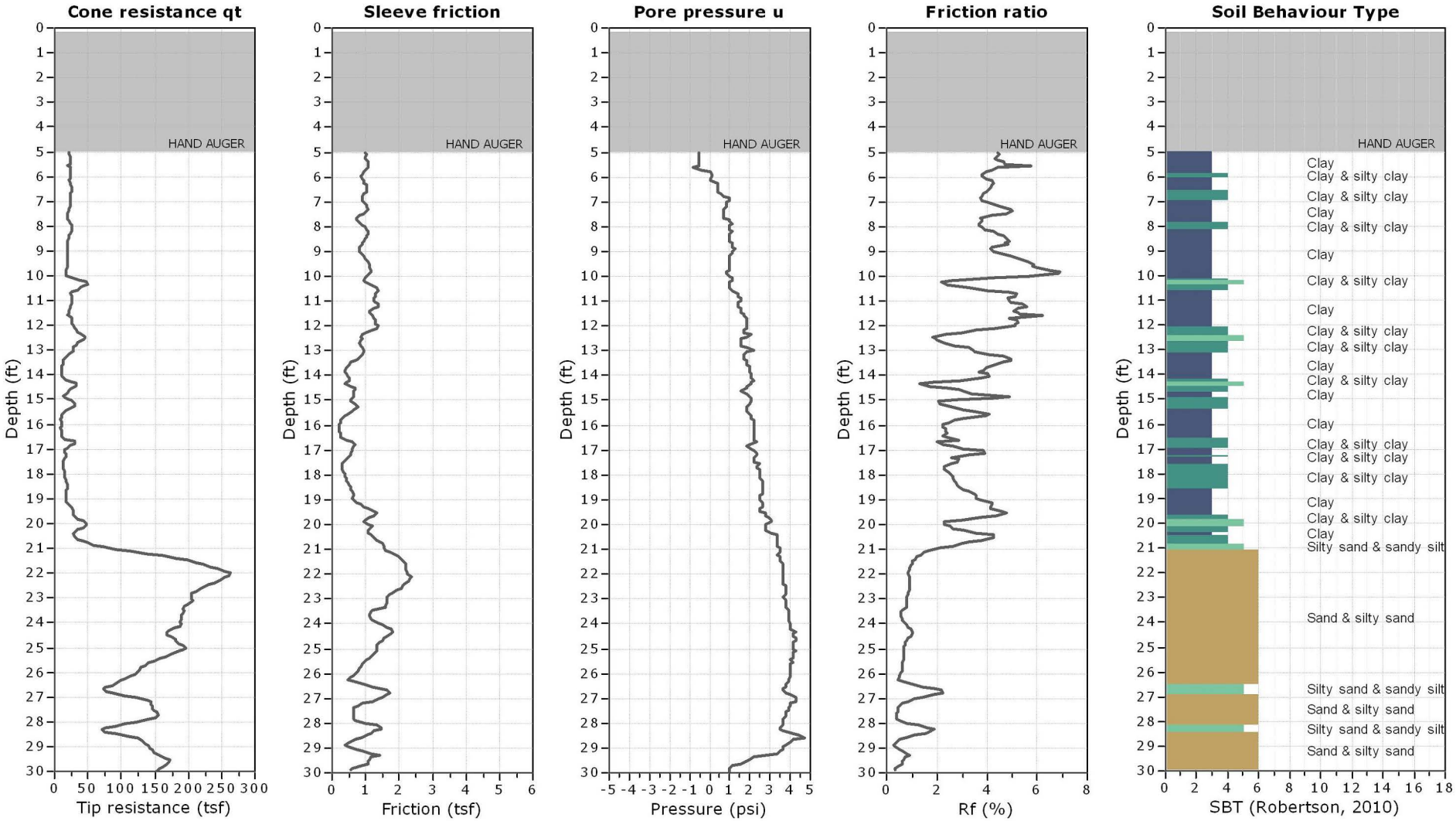
CPT: QA-CPT-3

Project: **ADvTech Environmental, Inc.\ Queen Anne Recreational Center**
Location: **1240 West Blvd Los Angeles, CA**

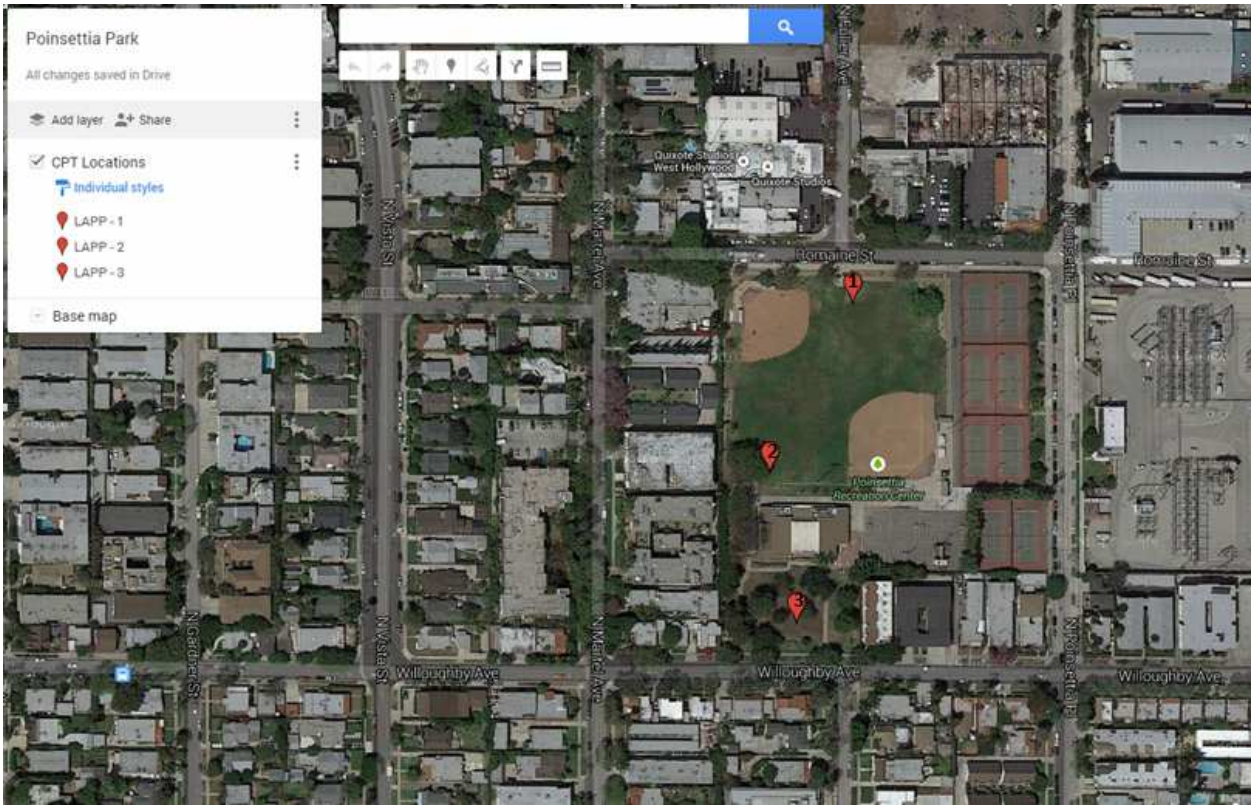
Total depth: 30.26 ft, Date: 3/23/2015
Cone Type: Vertek



City of Los Angeles
Enhanced Watershed Management Program
CPT Data Collection
ULAR and Ballona Creek

Site Location: Poinsettia Park, Los Angeles
Date of CPT Activity: 3/24/2015
Hand Augured: Upper 5 Feet

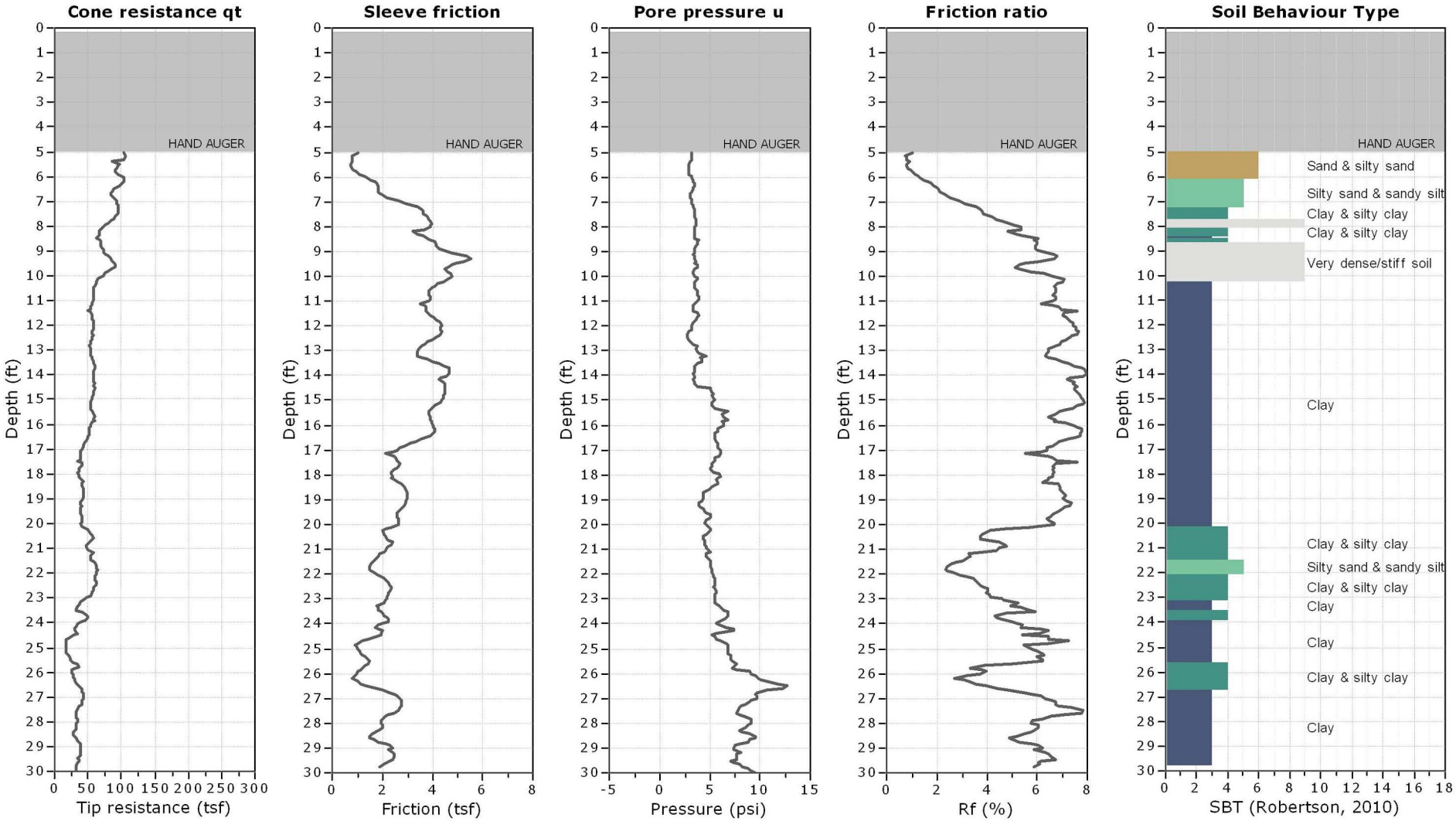
CPT Name	Latitude	Longitude	Depth (feet)
LAPP - CPT - 1	34.087338	-118.34996	30'
LAPP - CPT - 2	34.088017	-118.350175	30'
LAPP - CPT - 3	34.088697	-118.34966	30'



Kehoe Testing and Engineering
714-901-7270
rich@kehoetesting.com
www.kehoetesting.com

Project: ADvTech Environmental, Inc.\ Poinsettia Park
Location: 7341 Willoughby Ave Los Angeles, CA

CPT: LAPP-CPT-1
Total depth: 30.14 ft, Date: 3/23/2015
Cone Type: Vertek



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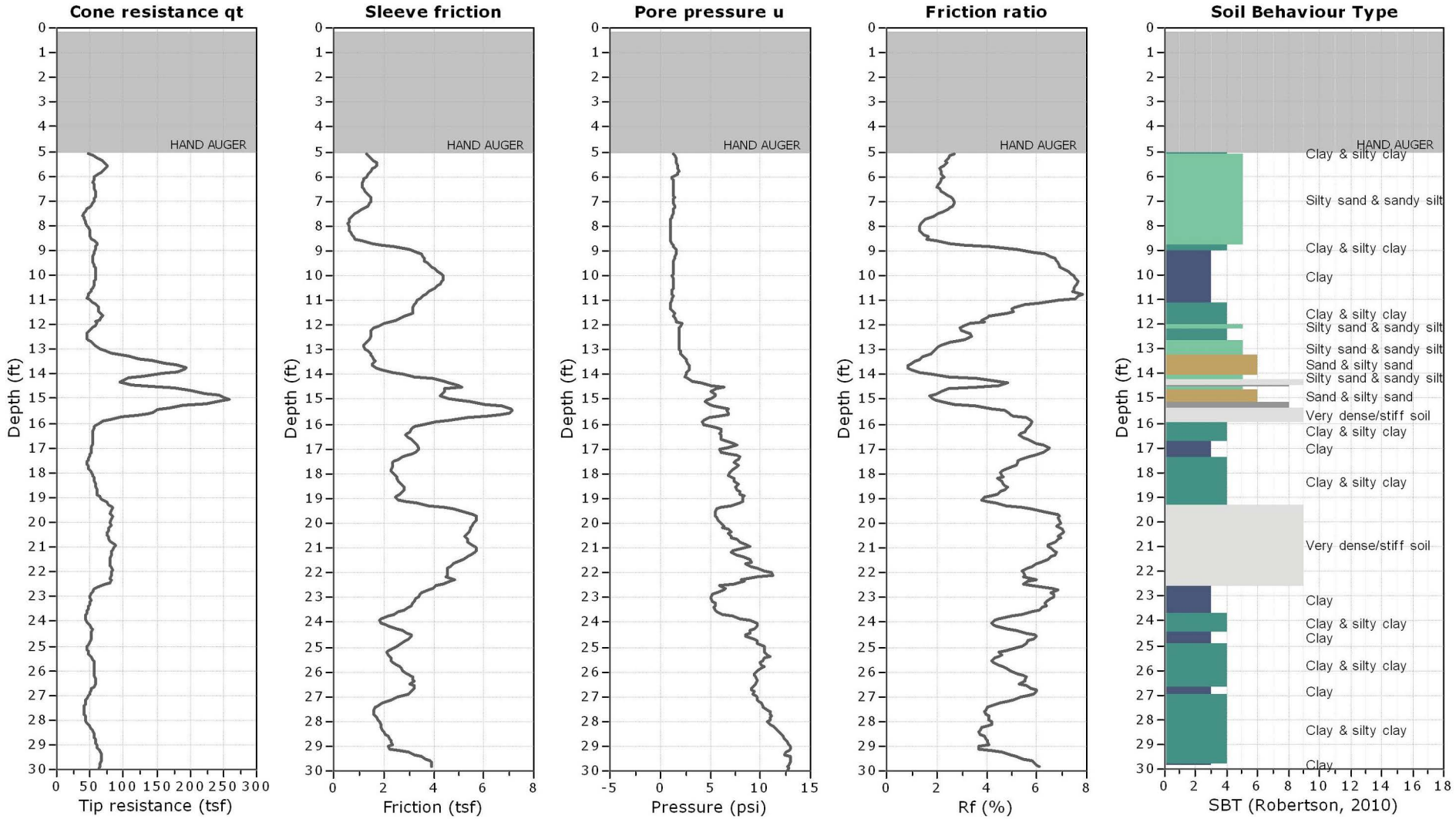
CPT: LAPP-CPT-2

Project: ADvTech Environmental, Inc.\ Poinsettia Park
Location: 7341 Willoughby Ave Los Angeles, CA

Total depth: 30.25 ft, Date: 3/23/2015
Cone Type: Vertek



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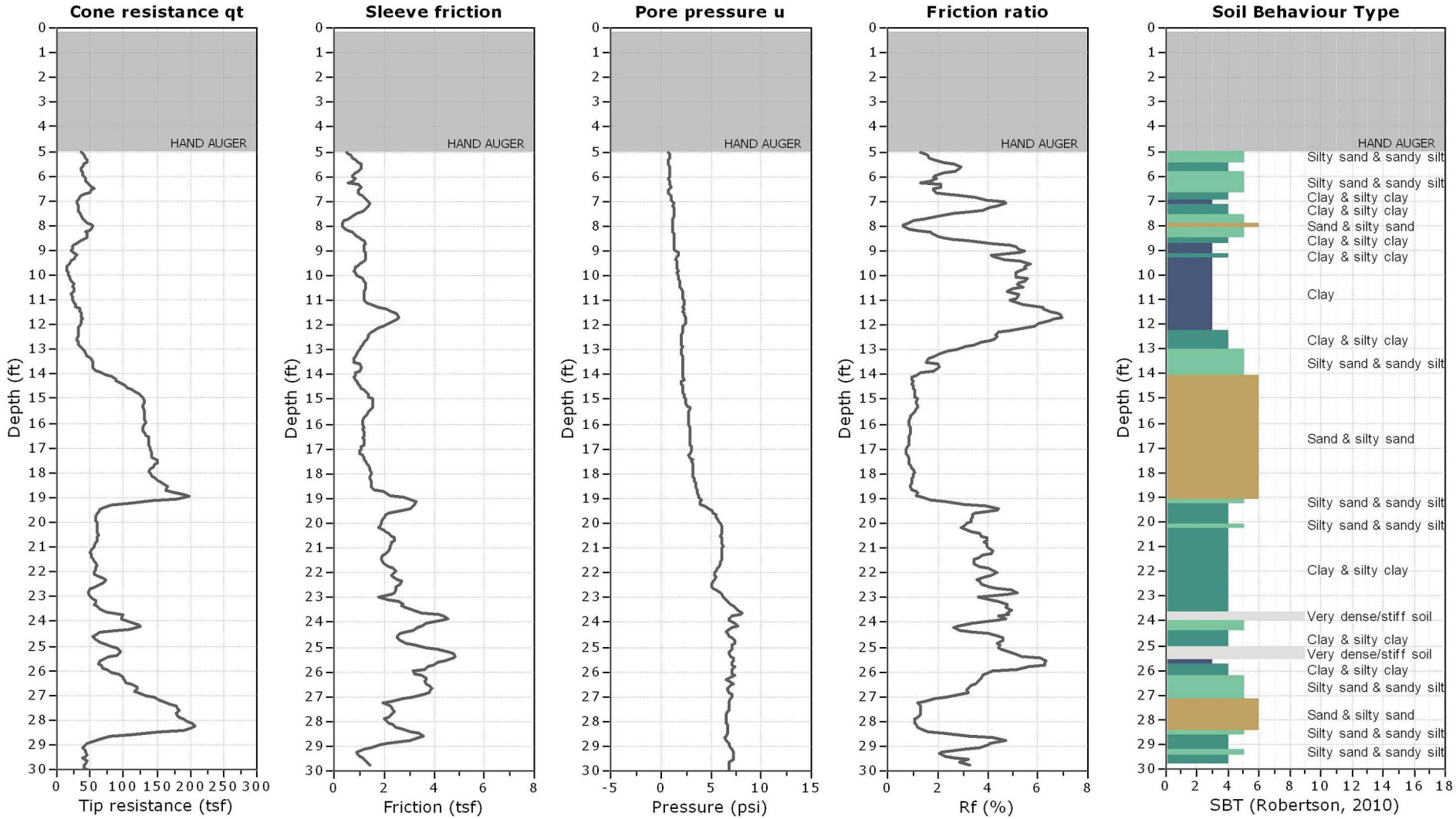
CPT: LAPP-CPT-3

Project: ADvTech Environmental, Inc.\ Poinsettia Park
Location: 7341 Willoughby Ave Los Angeles, CA

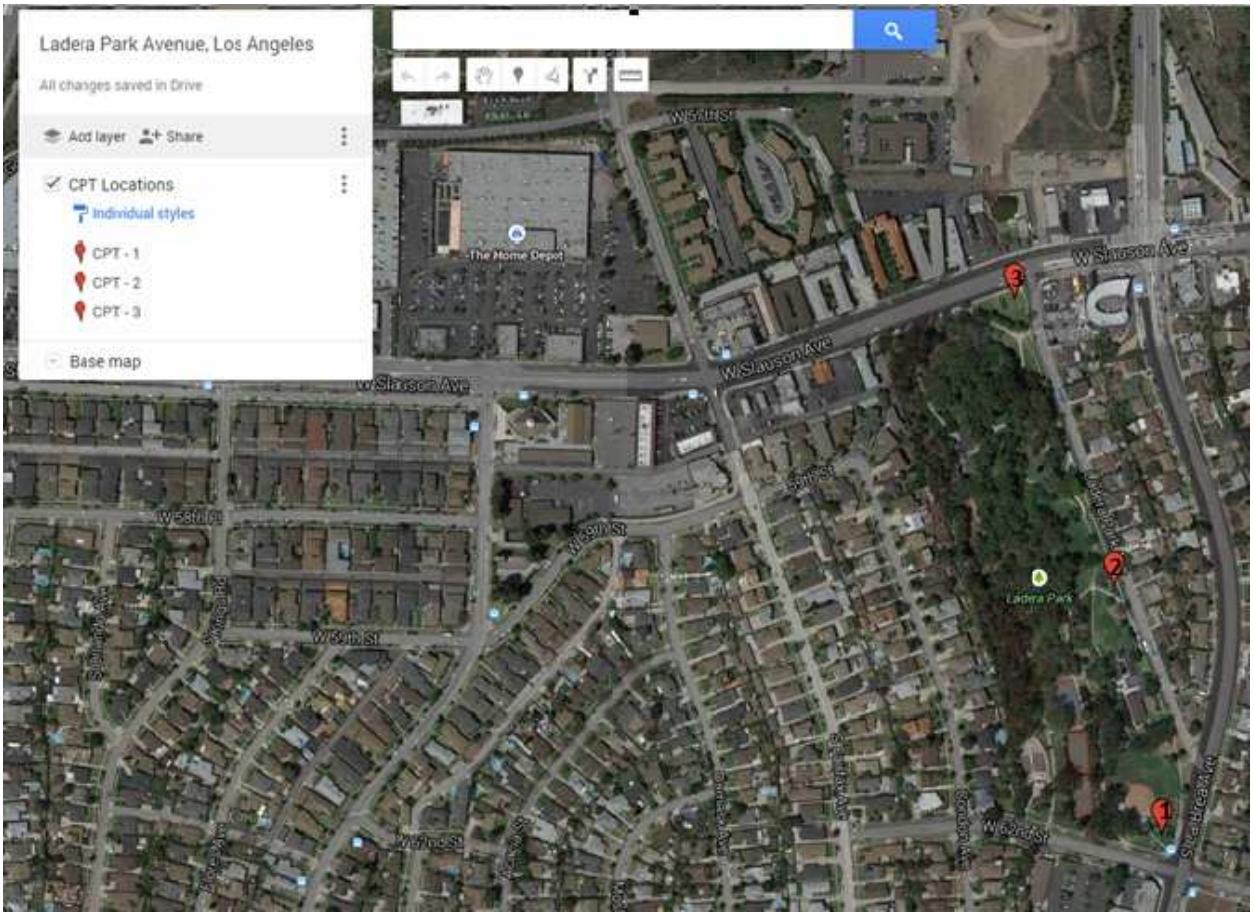
Total depth: 30.15 ft, Date: 3/23/2015
Cone Type: Vertek



City of Los Angeles
Enhanced Watershed Management Program
CPT Data Collection
ULAR and Ballona Creek

Site Location: Ladera Park, Los Angeles County
Date of CPT Activity: 4/21/2015
Hand Augered: Upper 5 Feet

CPT Name	Latitude	Longitude	Depth (feet)
LP - CPT - 1	33.984041	-118.358460	30'
LP - CPT - 2	33.985931	-118.358876	30'
LP - CPT - 3	33.988073	-118.359780	30'



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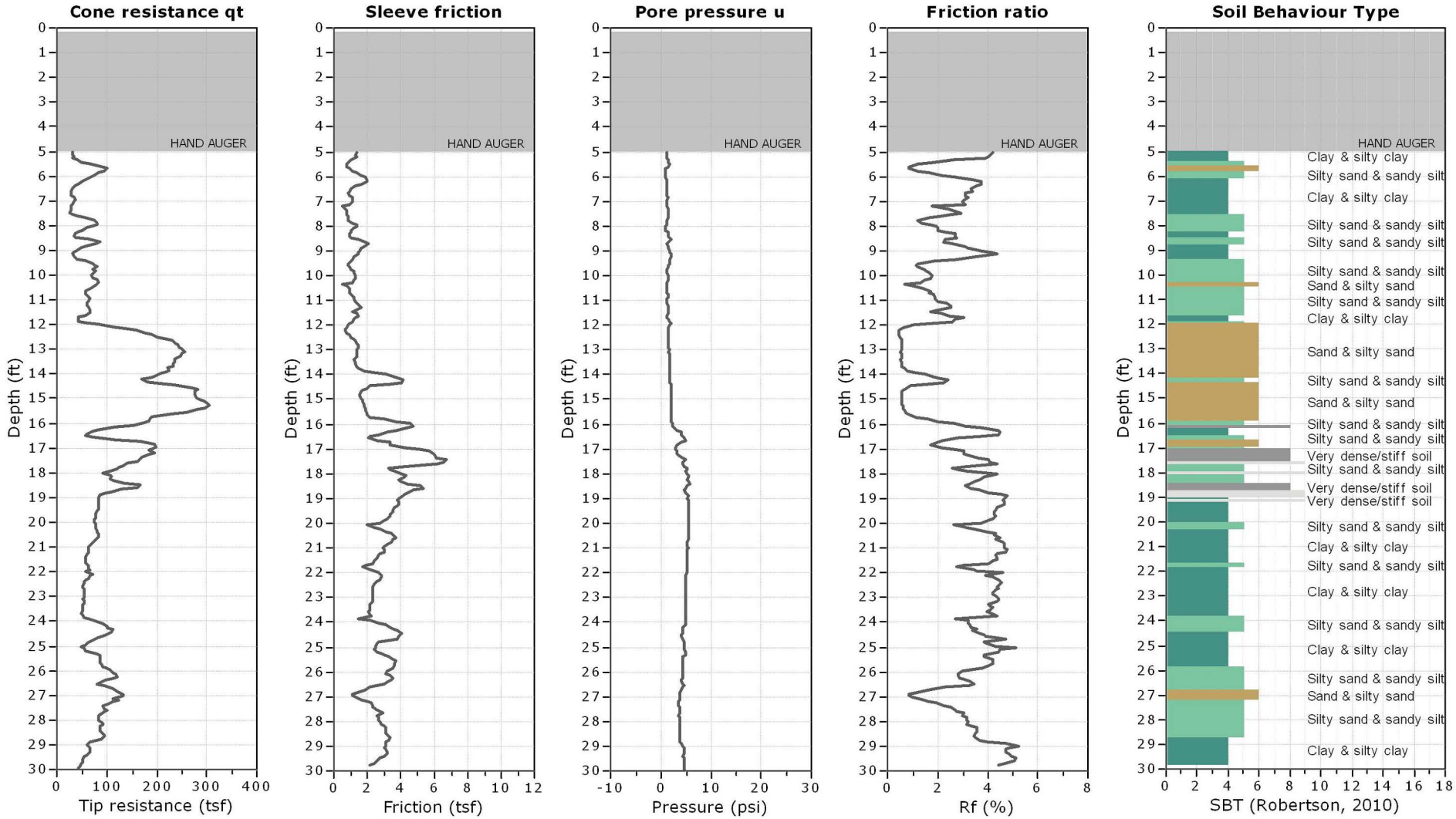
rich@kehoetesting.com
www.kehoetesting.com

Project: **ADvTech Environmental, Inc.\ Ladera Park**
Location: **6027 Ladera Park Ave Los Angeles, CA**

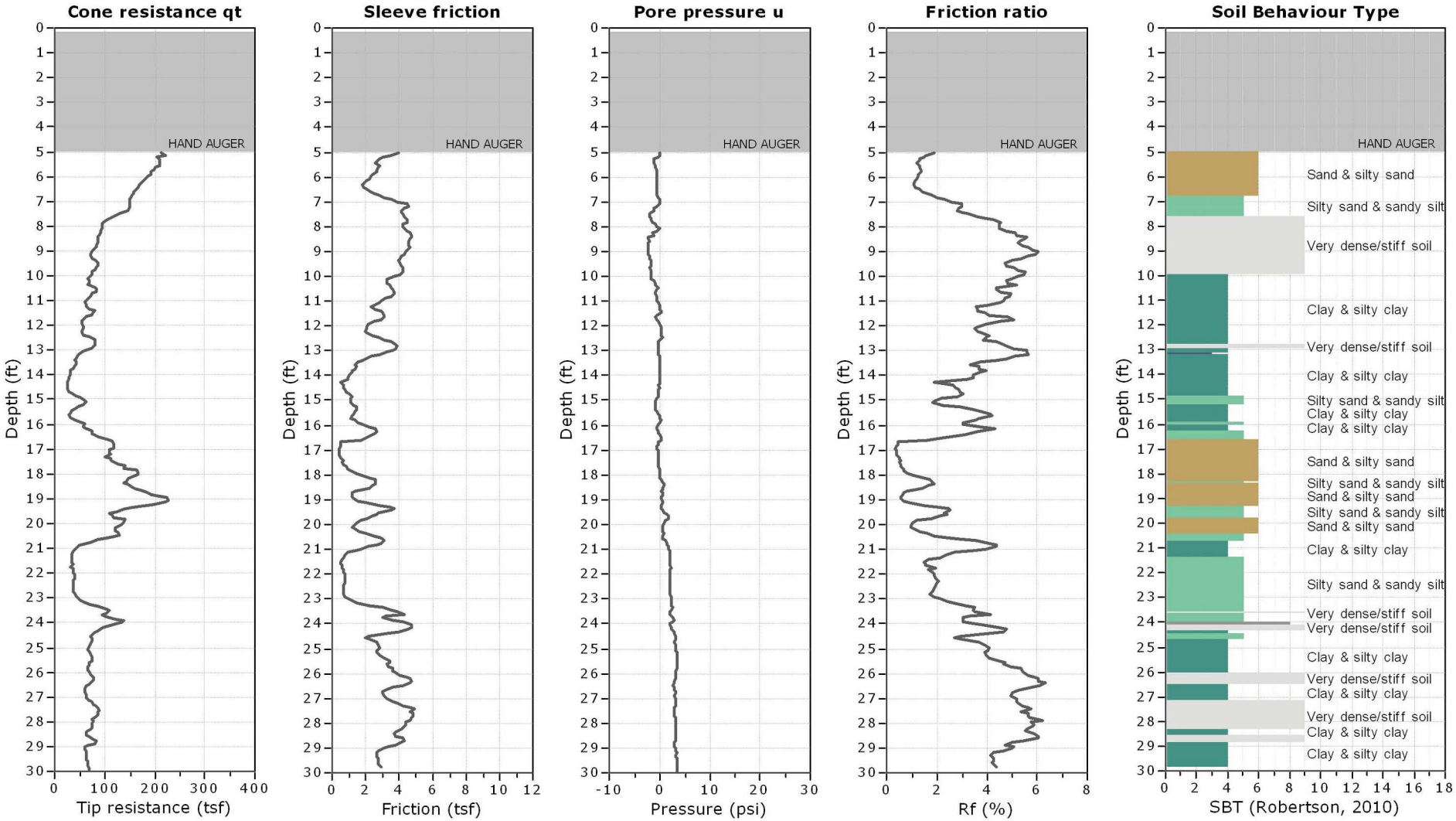
CPT: LP CPT-1
Total depth: 30.20 ft, Date: 4/21/2015
Cone Type: Vertek



Kehoe Testing and Engineering
714-901-7270
rich@kehoetesting.com
www.kehoetesting.com

Project: **ADvTech Environmental, Inc.\ Ladera Park**
Location: **6027 Ladera Park Ave Los Angeles, CA**

CPT: LP CPT-2
Total depth: 30.13 ft, Date: 4/21/2015
Cone Type: Vertek



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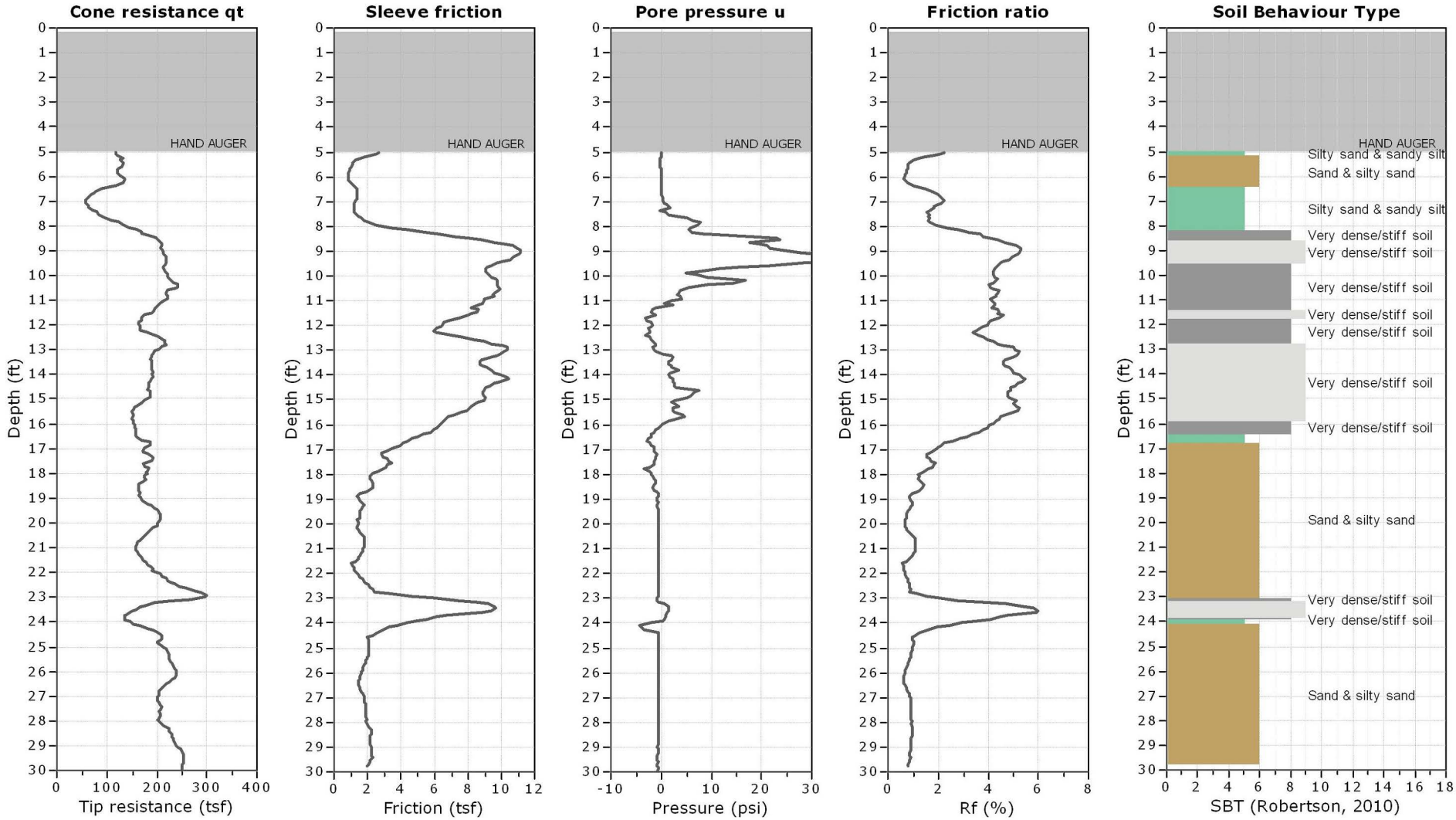
rich@kehoetesting.com
www.kehoetesting.com

CPT: LP CPT-3

Project: ADvTech Environmental, Inc.\ Ladera Park
Location: 6027 Ladera Park Ave Los Angeles, CA

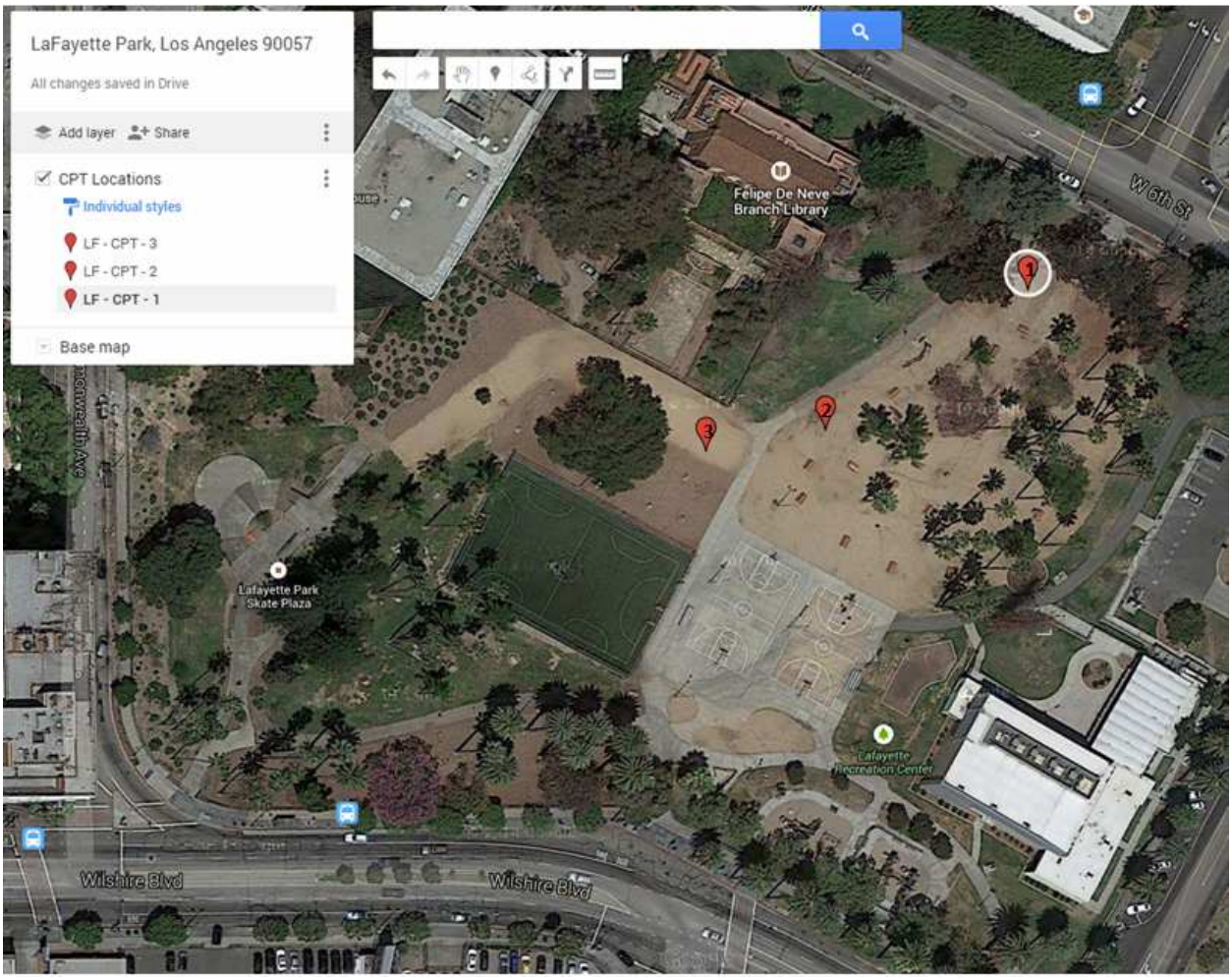
Total depth: 30.15 ft, Date: 4/21/2015
Cone Type: Vertek



City of Los Angeles
Enhanced Watershed Management Program
CPT Data Collection
ULAR and Ballona Creek

Site Location: LaFayette Park, Los Angeles
Date of CPT Activity: 3/24/2015
Hand Augured: Upper 5 Feet

CPT Name	Latitude	Longitude	Depth (feet)
LF - CPT - 1	34.062292	-118.283445	5.5'
LF - CPT - 2	34.062691	-118.283756	30'
LF - CPT - 3	34.062615	-118.284139	30'

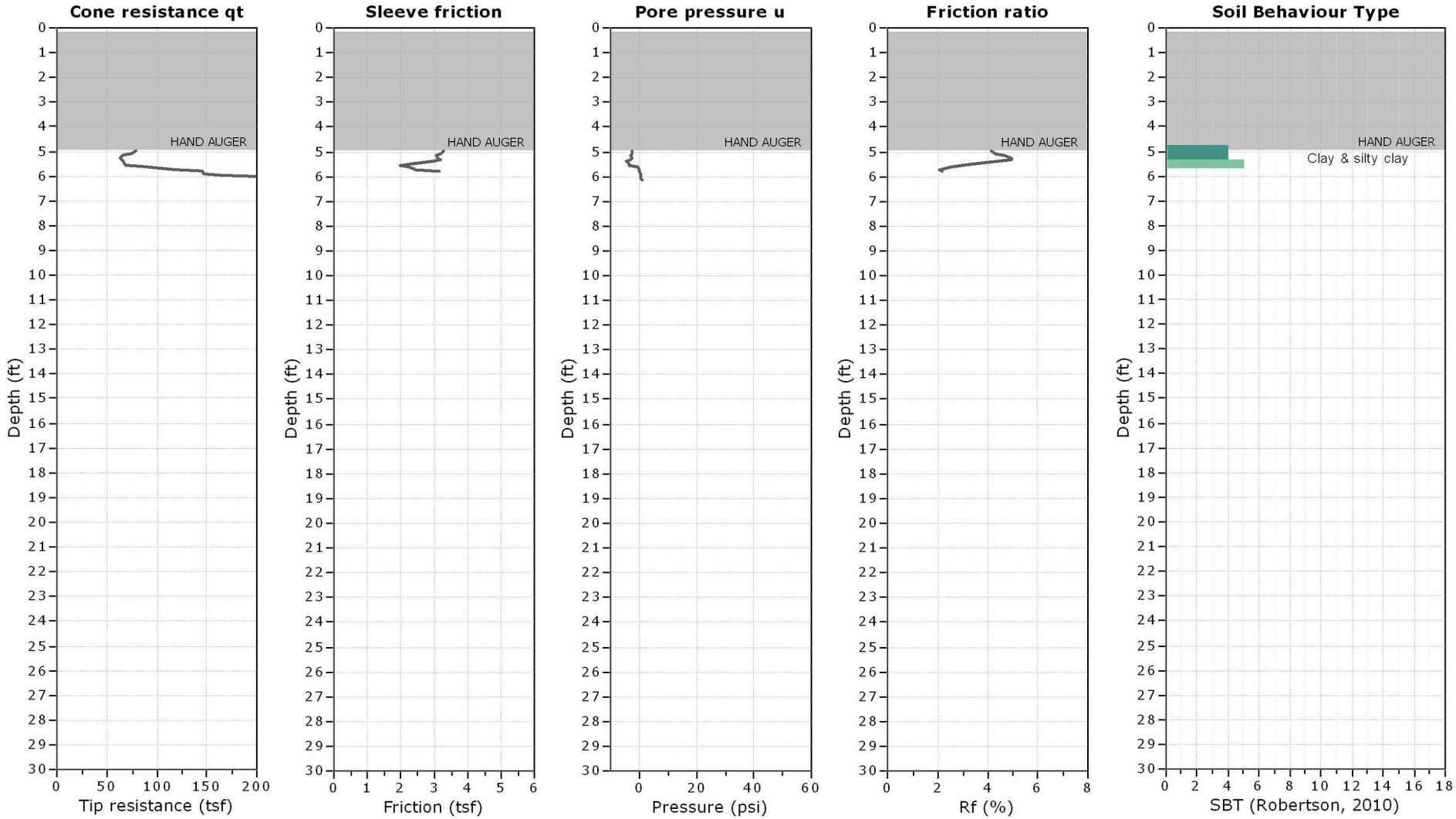


Kehoe Testing and Engineering
714-901-7270
rich@kehoetesting.com
www.kehoetesting.com

CPT: LF-CPT-1

Project: ADvTech Environmental, Inc.\ LaFayette Park
Location: 2820 W. 6th St Los Angeles, CA

Total depth: 6.17 ft, Date: 3/24/2015
Cone Type: Vertek



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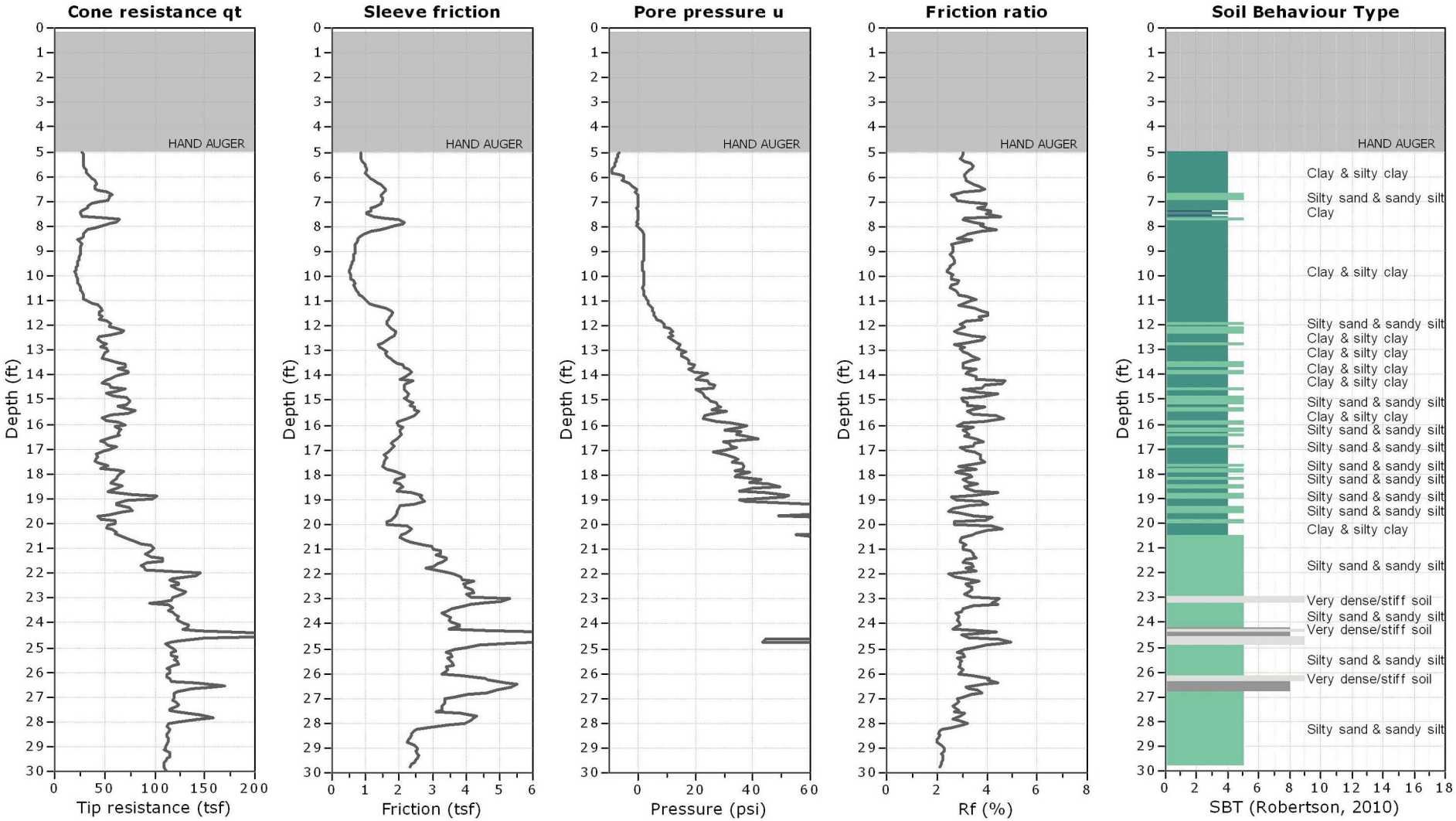
rich@kehoetesting.com
www.kehoetesting.com

Project: **ADvTech Environmental, Inc.\ LaFayette Park**
Location: **2820 W. 6th St Los Angeles, CA**

CPT: LF-CPT-2
Total depth: 30.11 ft, Date: 3/24/2015
Cone Type: Vertek



Kehoe Testing and Engineering
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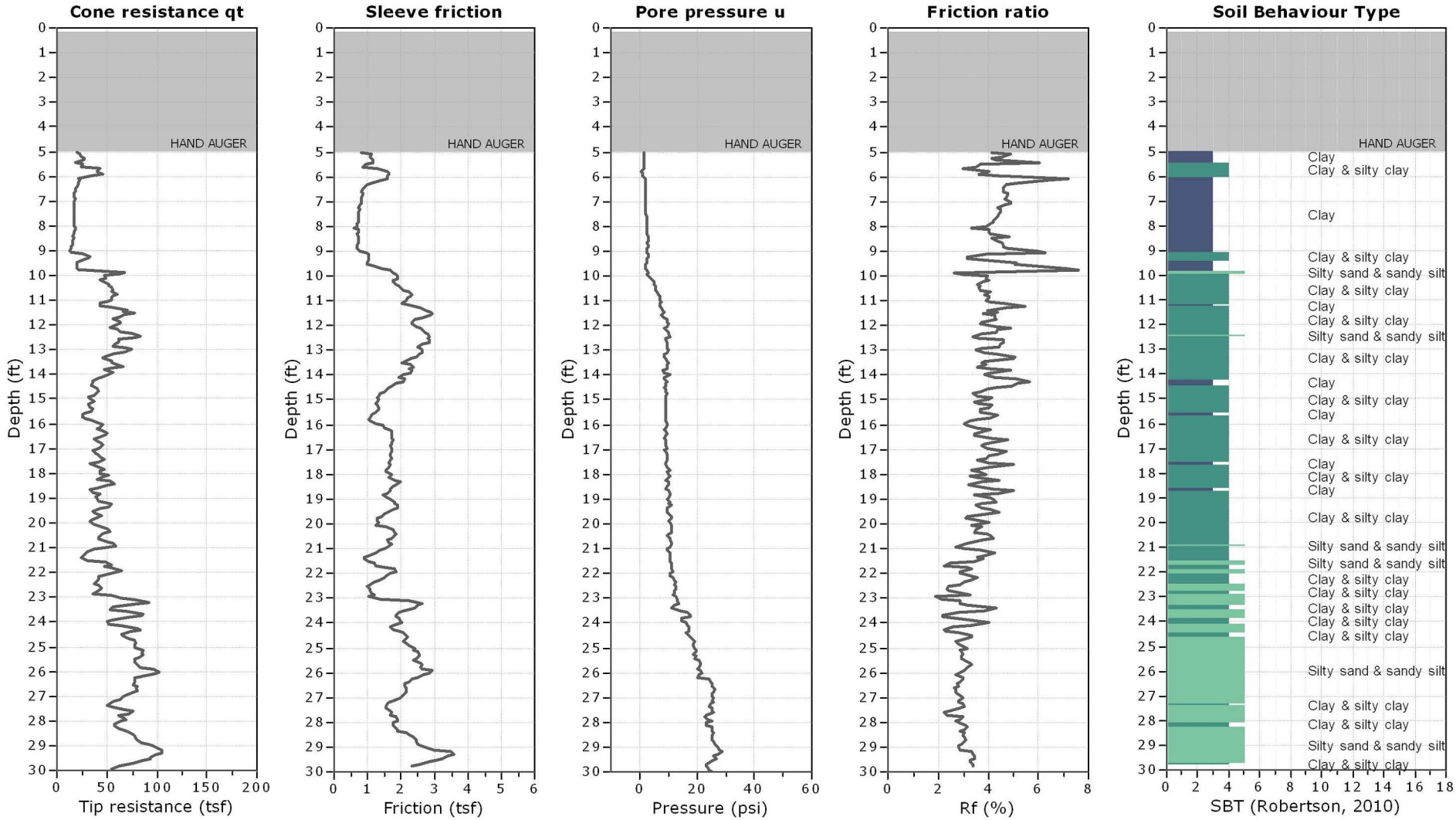
rich@kehoetesting.com
www.kehoetesting.com

CPT: LF-CPT-3

Project: ADvTech Environmental, Inc.\ LaFayette Park
Location: 2820 W. 6th St Los Angeles, CA

Total depth: 30.19 ft, Date: 3/24/2015
Cone Type: Vertek



Appendix 6.A
Model Calibration and Parameters

Table 6A-14. Regional Board model parameter ranges

Parameter	Units	Range of Initial Values	Model Values
Hydrology Parameters			
Interception storage capacity	in.	0.01-0.40	0.05-0.2
Manning's n for overland flow	--	0.01-0.15	0.1-0.2
Upper zone nominal soil moisture storage	in.	0.05-2.0	0.5
Fraction of GW inflow to deep recharge	--	0.0-0.50	0.0
Fraction of remaining ET from baseflow	--	0.0-0.20	0.0
Fraction of remaining ET from active GW	--	0.0-0.20	0.0
Lower zone nominal soil moisture storage	in.	2.0-15.0	7.0
Interflow inflow parameter	--	1.0-10.0	1.0
Interflow recession parameter	--	0.3-0.85	0.6-0.7
Lower zone ET parameter	--	0.1-0.9	0.25-0.6
Water Quality Parameters			
Initial storage of water quality constituent on land surface	lbs	0.0-0.0005	0.0
Wash-off potency factor for sediment associated constituent	lbs/ton	0.0-10.0	0.03-2.57
Scour potency factor for sediment associated constituent	lbs/ton	NA	0.03-2.57
Accumulation rate of water quality constituent of land surface	lbs/ac/day	0.0-0.0005	n/a
Maximum storage of water quality constituent on land surface	lbs/ac/day	0.0-0.0005	n/a
Rate of surface runoff that removes 90% of stored mass	in/hr.	0.0-0.5	n/a
General first order in-stream loss rate of constituent	1/day	0.2-0.2	0.1-0.2
Sediment Parameters			
Coefficient in the soil detachment equation	--	0.05-0.75	0.1-0.35
Exponent in the soil detachment equation	--	1.0-3.0	1.81
Coefficient in the sediment wash-off equation	--	0.1-10.0	0.35-0.85
Exponent in the sediment wash-off equation	--	1.0-3.0	2.0
Coefficient in the sediment scour equation	--	0.0-10.0	0.0
Exponent in the sediment scour equation	--	1.0-5.0	2.0
Solids accumulation rate on the land surface	lbs/ac/day	0.0-30.0	0.003
Fraction of solids removed from land surface per day	--	0.01-1.0	0.025
Coefficient in the soil detachment equation	--	0.05-0.75	0.1-0.35

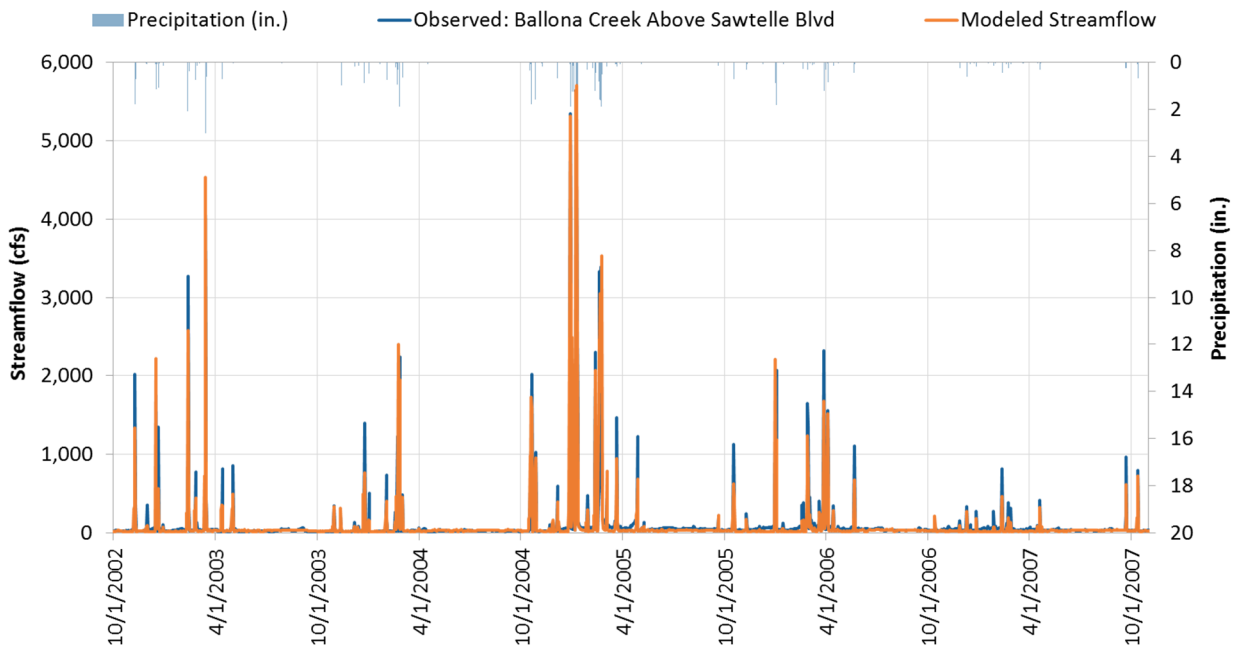


Figure 6A-14. Daily flow at Ballona Creek below Sawtelle Blvd. (Station ID: F-38C).

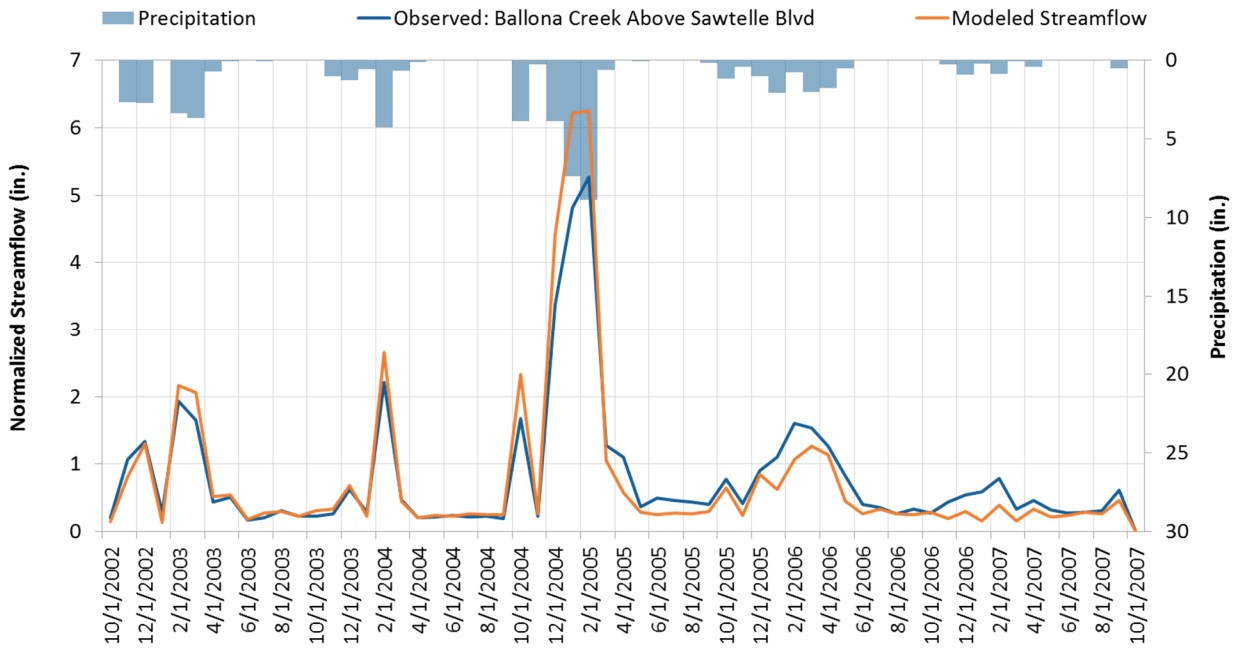


Figure 6A-15. Monthly flow at Ballona Creek below Sawtelle Blvd. (Station ID: F-38C).

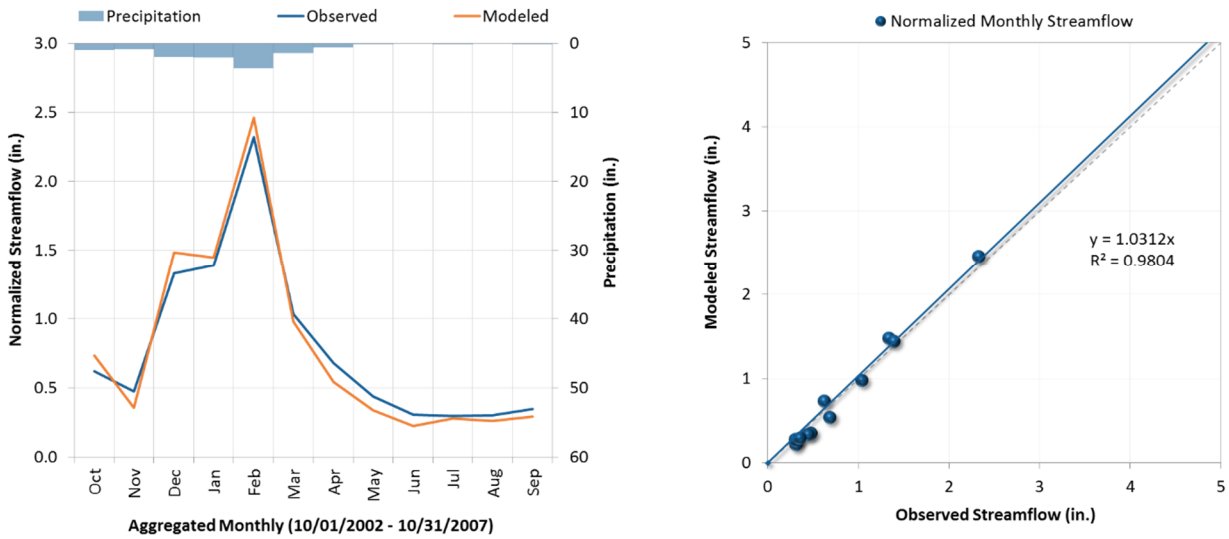


Figure 6A-16. Average monthly flow at Ballona Creek below Sawtelle Blvd. (Station ID: F-38C).

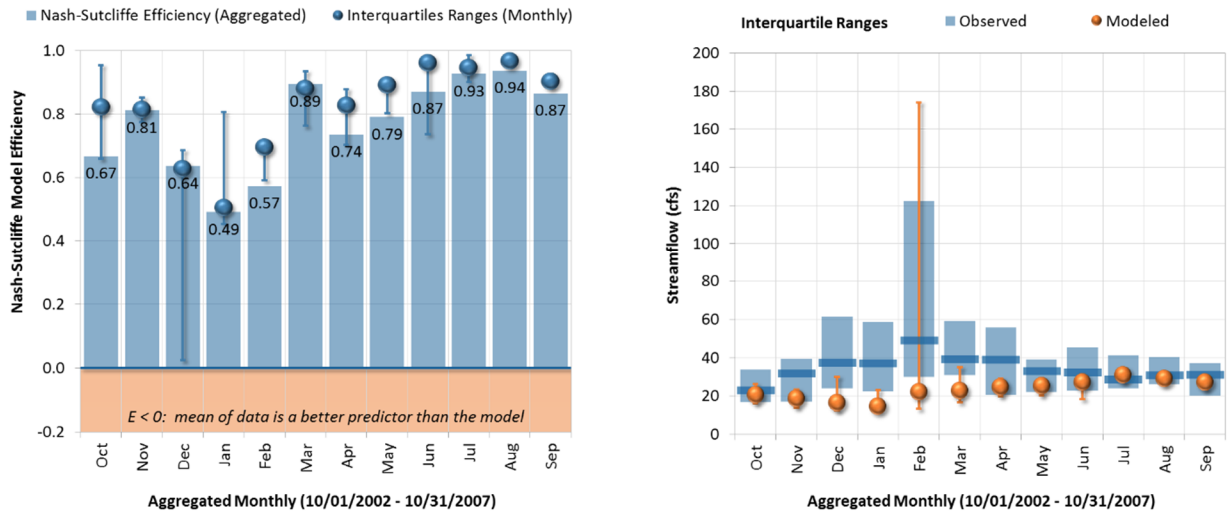


Figure 6A-17. Monthly flow interquartiles at Ballona Creek below Sawtelle Blvd. (Station ID: F-38C).

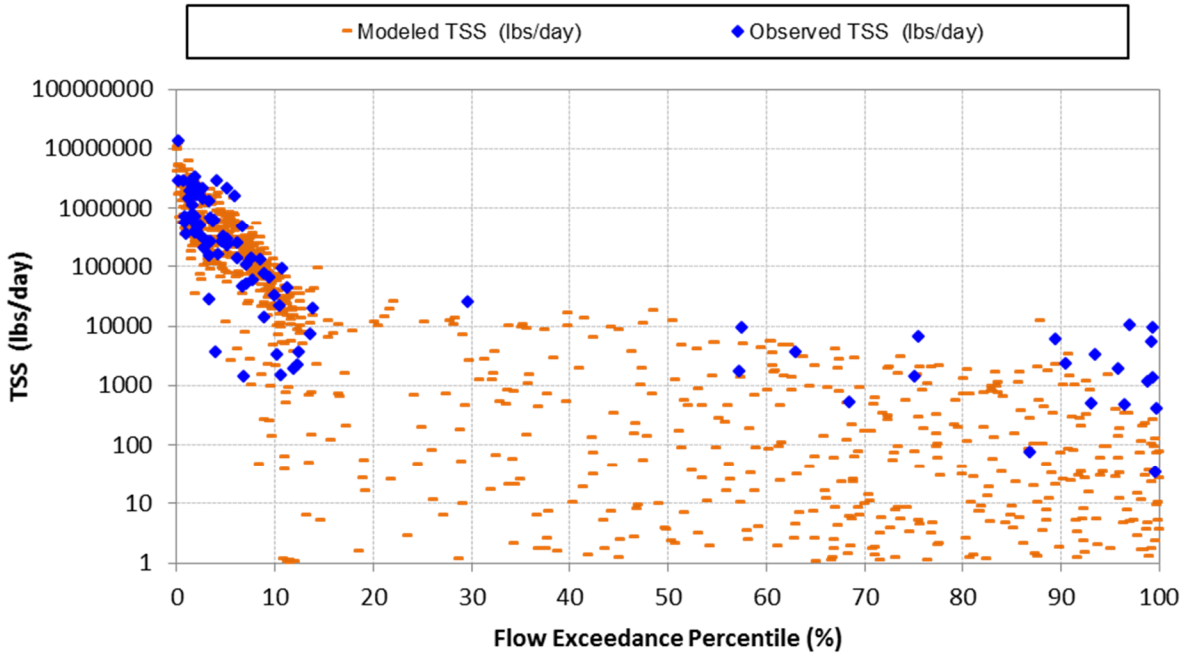


Figure 6A-18. Simulated vs. observed load duration plots for Total Sediment (10/1/2002 through 9/30/2011) at Ballona Creek Mass Emission Station (S01).

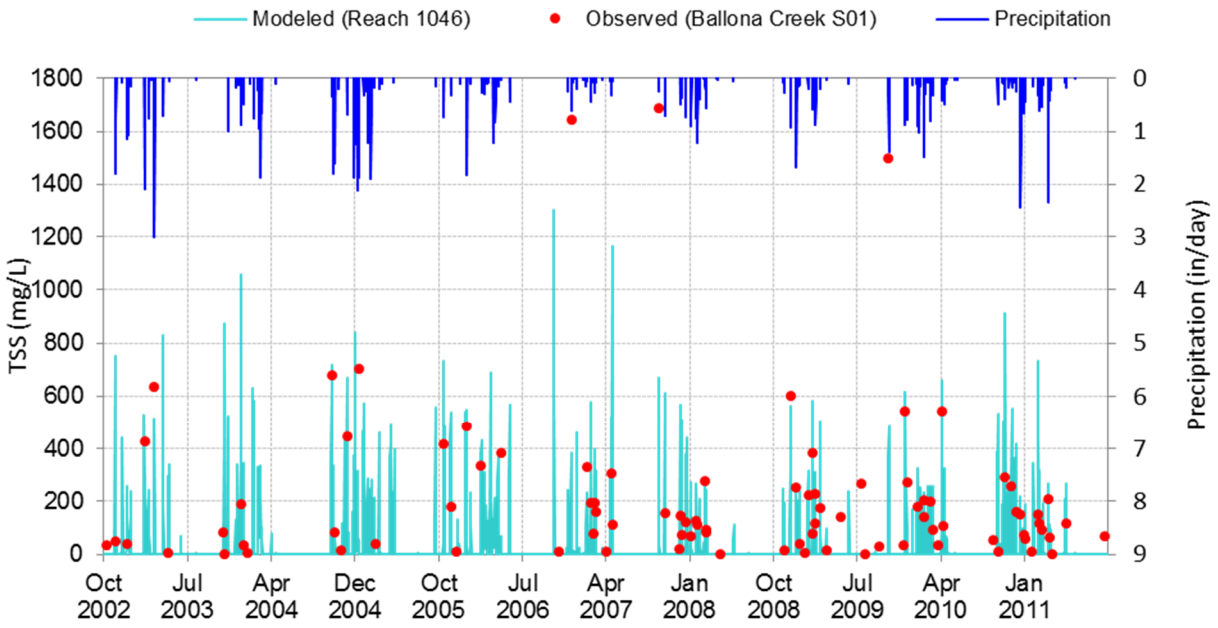


Figure 6A-19. Simulated vs. observed timeseries plots for Total Sediment (10/1/2002 through 9/30/2011) at Ballona Creek Mass Emission Station (S01).

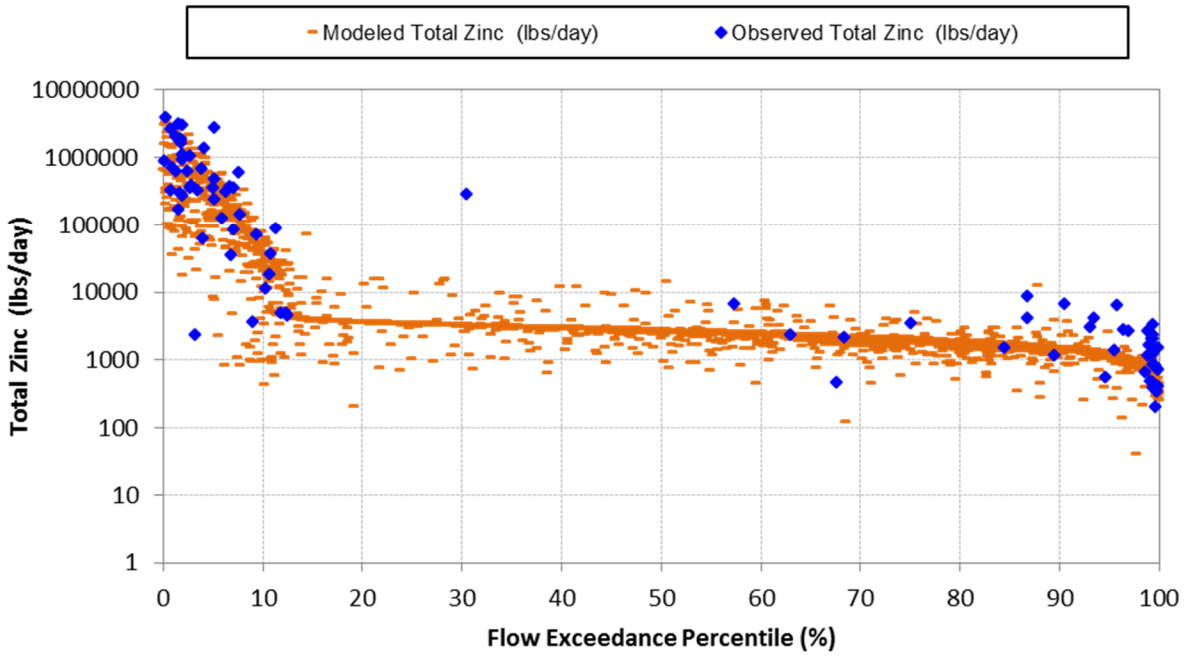


Figure 6A-20. Simulated vs. observed load duration plots for Total Zinc (10/1/2002 through 9/30/2011) at Ballona Creek Mass Emission Station (S01).

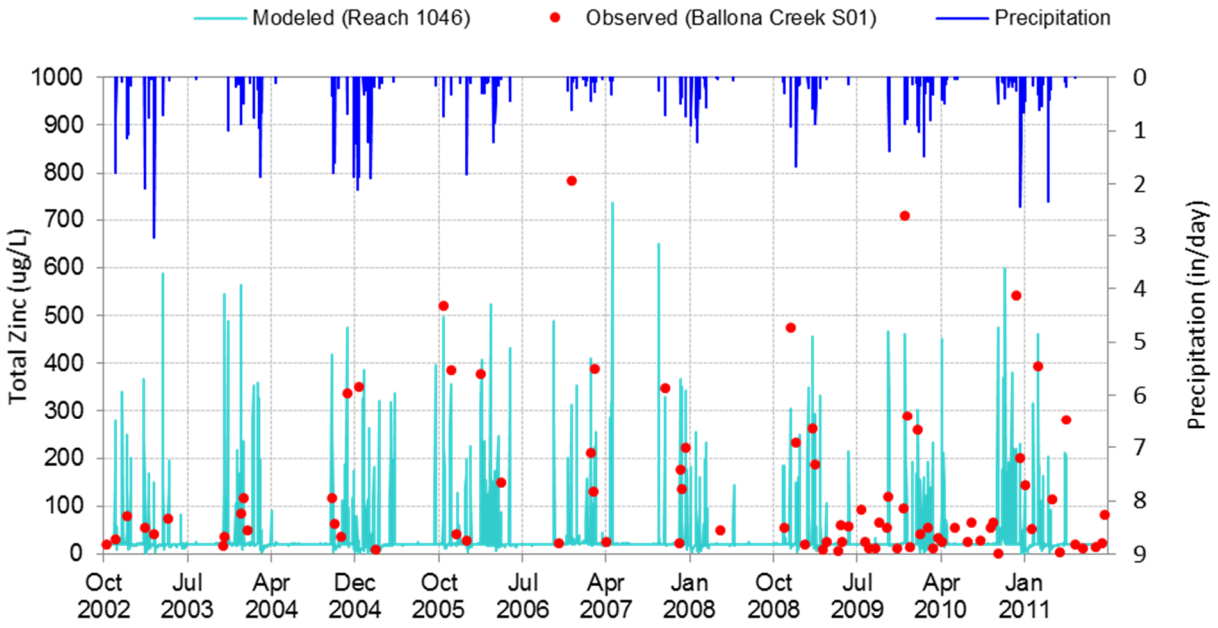


Figure 6A-21. Simulated vs. observed timeseries plots for Total Zinc (10/1/2002 through 9/30/2011) at Ballona Creek Mass Emission Station (S01).

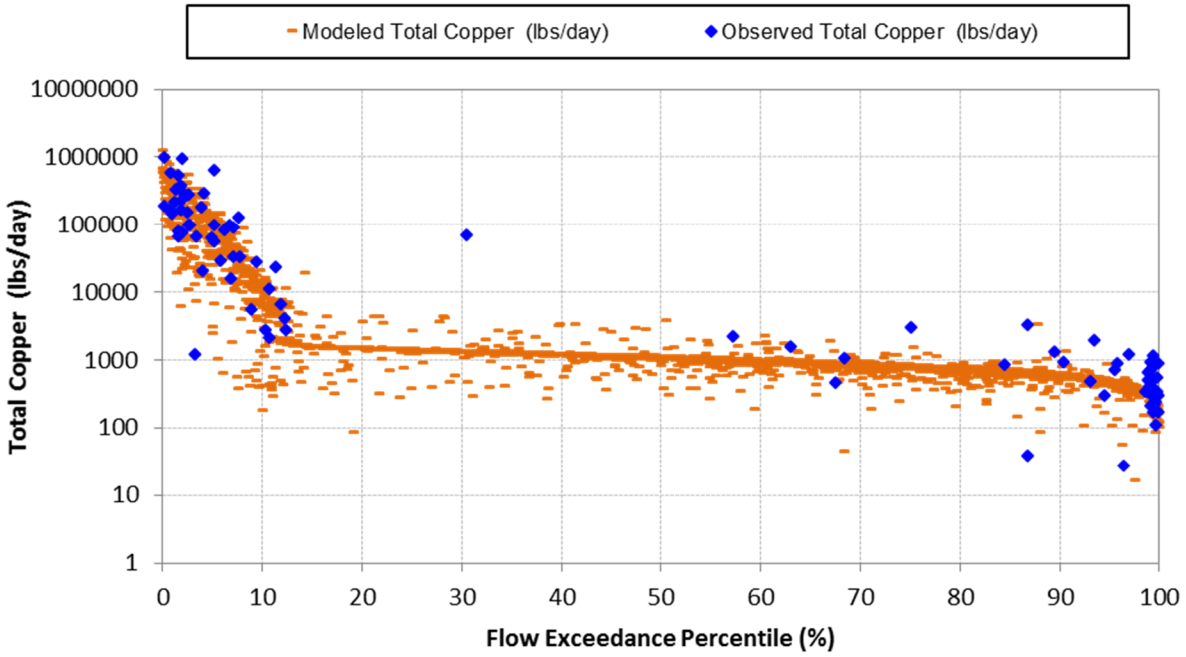


Figure 6A-22. Simulated vs. observed load duration plots for Total Copper (10/1/2002 through 9/30/2011) at Ballona Creek Mass Emission Station (S01).

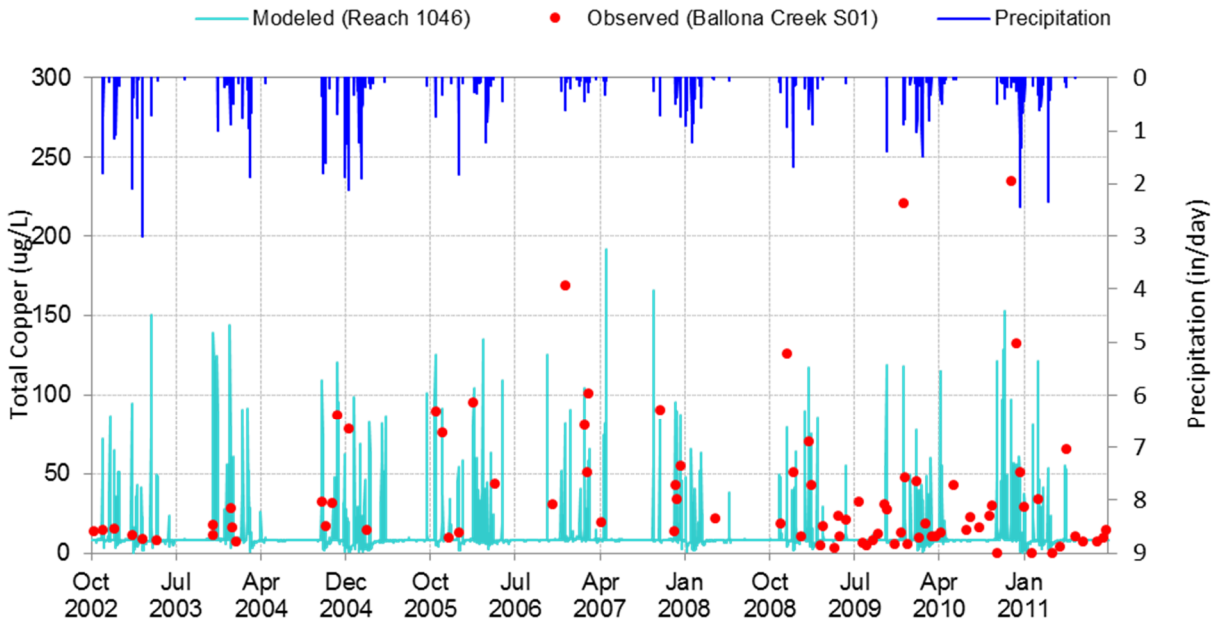


Figure 6A-23. Simulated vs. observed timeseries plots for Total Copper (10/1/2002 through 9/30/2011) at Ballona Creek Mass Emission Station (S01).

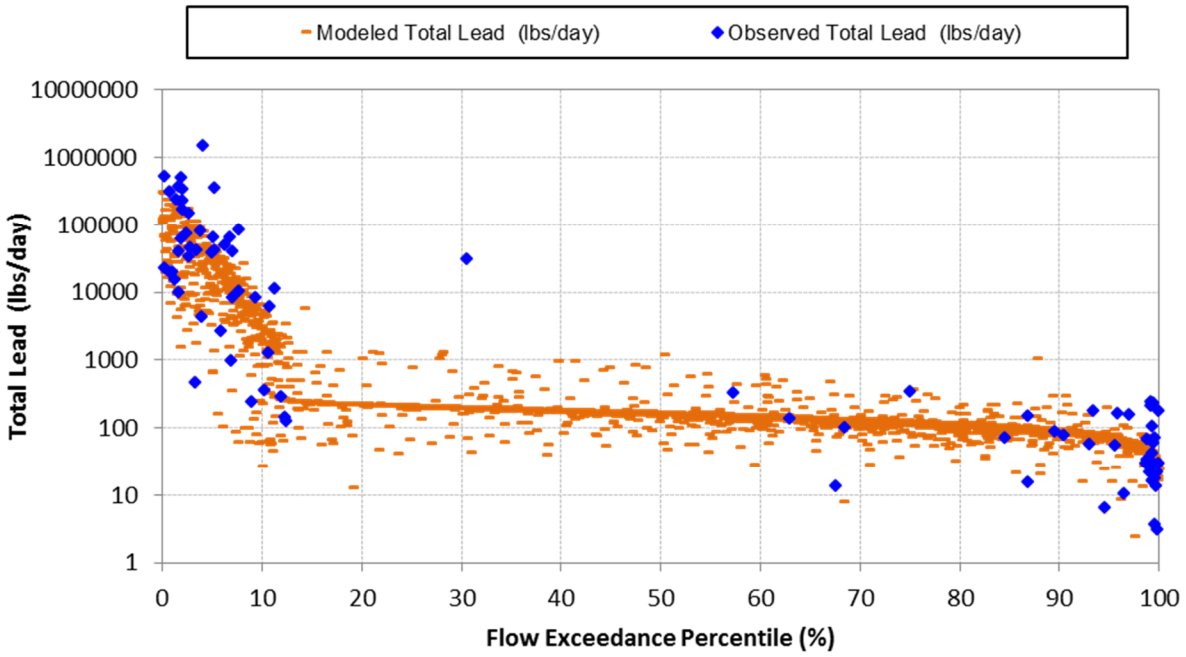


Figure 6A-24 Simulated vs. observed load duration plots for Total Lead (10/1/2002 through 9/30/2011) at Ballona Creek Mass Emission Station (S01).

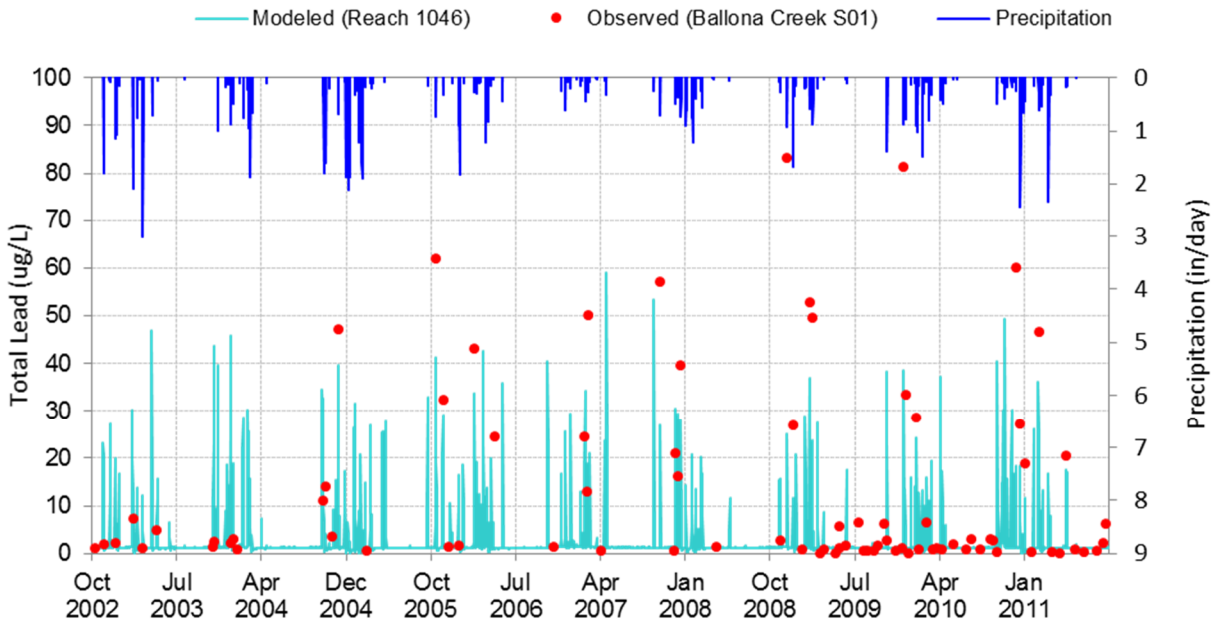


Figure 6A-25. Simulated vs. observed timeseries plots for Total Lead (10/1/2002 through 9/30/2011) at Ballona Creek Mass Emission Station (S01).

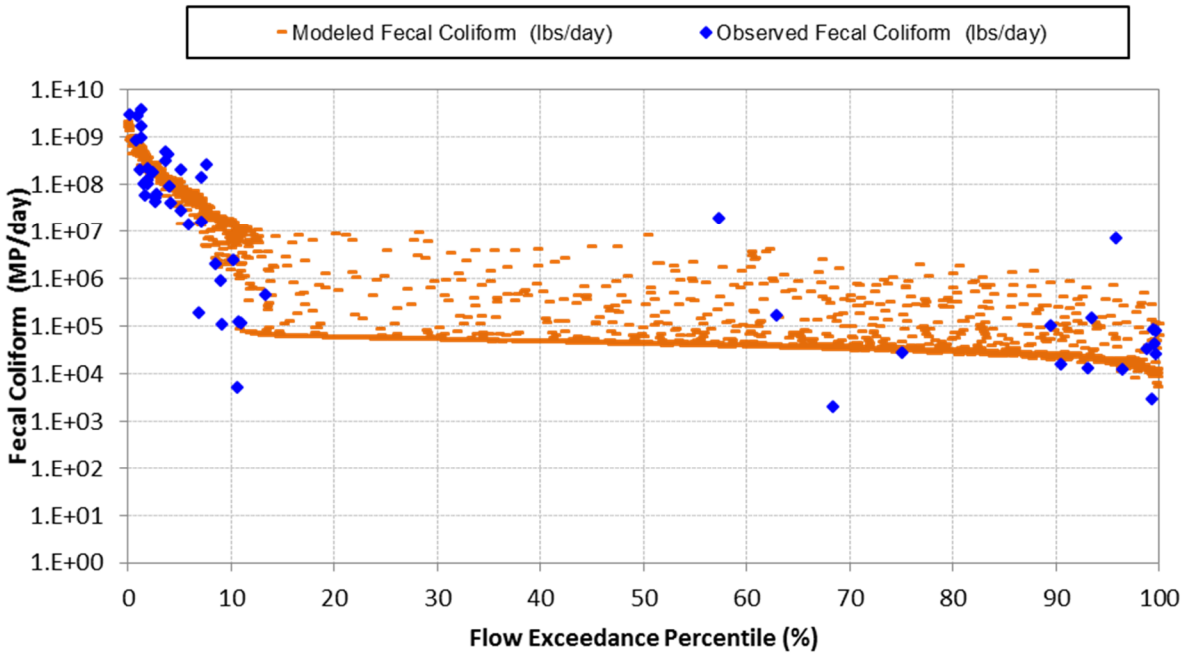


Figure 6A-26 Simulated vs. observed load duration plots for Fecal Coliform (10/1/2002 through 9/30/2011) at Ballona Creek Mass Emission Station (S01).

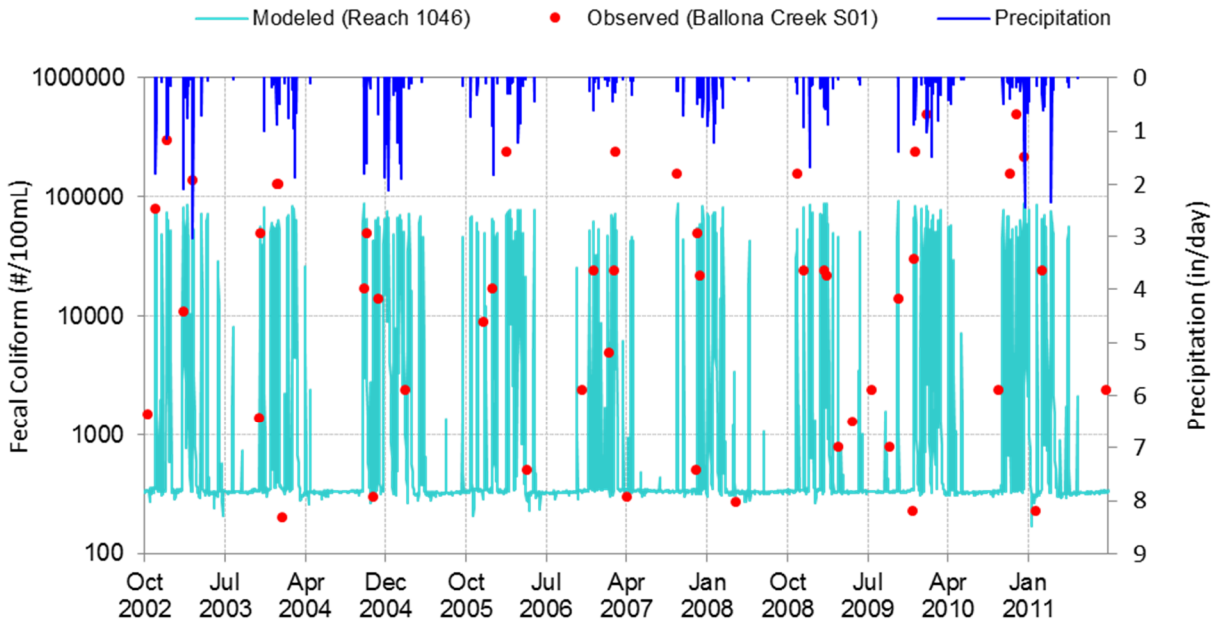


Figure 6A-27. Simulated vs. observed timeseries plots for Fecal Coliform (10/1/2002 through 9/30/2011) at Ballona Creek Mass Emission Station (S01).

Appendix 6.B1
Dry Weather RAA for *E.coli* Control Measures

Ballona Creek Water Quality Model Development

E. coli is the limiting pollutant for dry weather and thus the dry weather RAA focuses on demonstration that proposed dry weather BMPs will result in attainment of bacteria RWLs. The scenarios presented herein are very preliminary in terms of the actual design and operation of the North Outfall Treatment Facility (NOTF) – for example, the scenarios assume 100% treat and release of intercepted flows, but it is possible that flows will be diverted to Hyperion Treatment Plant for water re-use in order to provide additional benefits.

To simulate dry weather flow rates and bacteria concentrations in Ballona Creek, a QUAL2K model was applied. QUAL2K is a river and stream water quality model that is steady-state and one-dimensional (assumes complete mixing vertically and laterally)[7]. Originally developed in the late 1980s, the QUAL2K framework is supported by USEPA and has been applied to thousands of watersheds and TMDLs.

QUAL2K was developed to simulate a longitudinal profile of *E. coli* within Ballona Creek. *E. coli* was used as a surrogate for all other bacterial indicator objectives, because it is an objective in Ballona Creek Reach 2 and Sepulveda Channel, and because it has been assumed to be functionaly equivalent to fecal coliform, the indictor used to evaluate compliance with REC-2 standards in Ballona Creek Reach 1 and Marine REC-1 standards in Ballona Estuary.

Boundary Conditions for Model Set-up

The boundary conditions for simulating Ballona Creek water quality were based on three sources of data:

1. July 2012 Recon, which measured flows and concentrations along the entire length of Ballona Creek during one "snapshot"
2. Ballona Creek Bacteria TMDL Coordinated Monitoring Plan
3. Ballona Creek "Flux Study" (Noble et al., 2006).

The applied boundary conditions and data sources are shown in Table 6B1-1. Note that dry weather discharges were grouped together into "diffuse inputs" along 4 segments of Ballona Creek. The diffuse flow rates for these segments were based on the total measured storm drain flow during the recon, and the applied concentrations were the flow-weighted averages.

The time for downstream travel is a key parameter for bacteria fate and transport. The in-stream travel times along the Ballona Creek mainstem were based on measurements collected during the Ballona Creek Flux Study (Noble et al., 2006). The study deployed open-channel flow meters in the Ballona Creek watershed to measure depth and velocity rates at one-minute intervals over a 6-hour period. The velocities measured with open channel flow meters during the Flux Study were a valuable resource, as velocities could be inserted directly into the model as boundary conditions (instead of relying on an empirical approach such as Manning's equation). The median velocities measured in mainstem Ballona Creek were applied to the corresponding segments, as shown in Figure 6B1-1. Segment lengths were measured using ArcGIS software.

[7] See http://epa.gov/athens/wwqtsc/html/qual2k.html

E. coli was simulated in the QUAL2K model as a non-conservative parameter with first-order, exponential decay. The applied decay rate was 0.09 per hour, which is the decay rate used in the LA River Bacteria TMDL (CREST, 2010). This decay rate was derived from SCCWRP decay studies that employed sunlight and temperature conditions specific to southern California (Noble et al., 2004).

Table 6B1-1 Boundary Conditions for the QUAL2K Model and Data Sources

Boundary Location	FLOW RATE		*E. coli* CONCENTRATION	
	Flow Rate (cfs)	Data Source	Concentration (MPN/100mL)	Data Source
Cochran Ave Daylight	7.1	2012 Recon	720	2012 Recon
Wed_07 Tunnel Daylight	5.9	2012 Recon	460	2012 Recon
Adams Drain	0.3	2012 Recon	1900	2012 Recon
Benedict Canyon Channel	3.54	2012 Recon	630	CMP and Status & Trends median
Sepulveda Channel	1.54	2012 Recon	1400	CMP and Status & Trends median
Diffuse inputs between Wed_07 and National Blvd	3.2	2012 Recon	2162	2012 Recon
Diffuse inputs between National Blvd and Tue_13	1.1	2012 Recon	1225	2012 Recon
Diffuse inputs between Tue_04 and Tue_11	0.5	2012 Recon	760	2012 Recon
Diffuse inputs between Tue_01 and Tue_02	0.2	2012 Recon	174	2012 Recon
Diffuse inputs to Sepulveda Channel	0.0	2012 Recon	N/A	2012 Recon

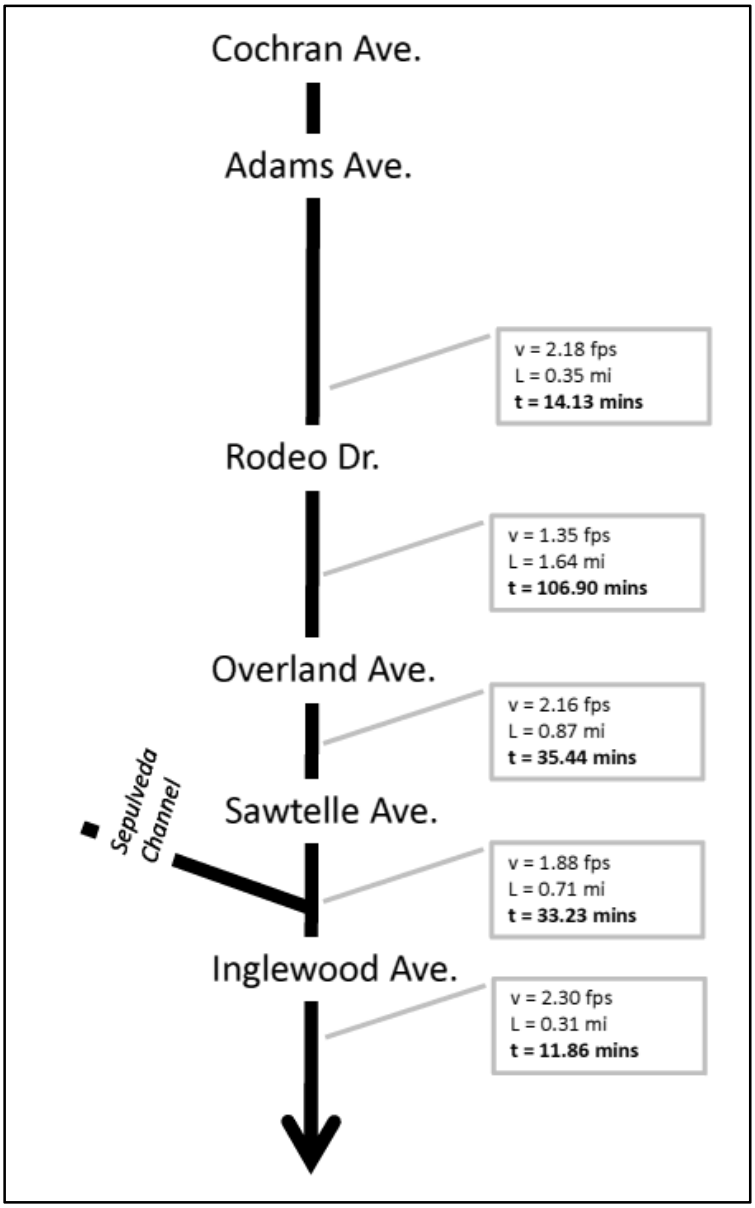


Figure 6B1-1 Travel Times used in QUAL2K based on Velocities Measured during the Flux Study

(v = median velocity, L = segment length, t = segment travel time during dry weather)

Model Verification for Baseline Conditions

Once the QUAL2K model was setup with the previously described boundary conditions, the predicted flow rates and *E. coli* concentrations were compared to observed data to verify the model's ability to predict current/baseline conditions, as follows:

- The simulated dry weather flow rates in Ballona Creek are shown in Figure 4-2. The simulated flow rate at Sawtelle Avenue, 16.3 cfs, is consistent with the observed median[8] daily flow rate

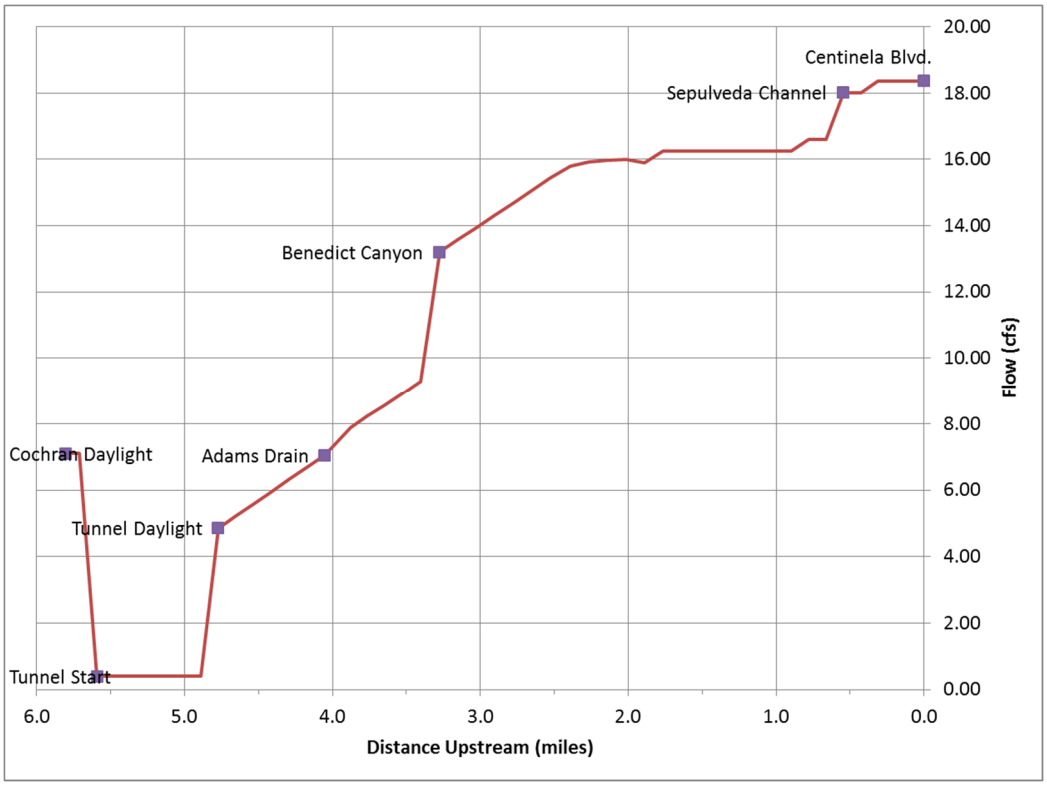
[8] Application of a median flow rate for the dry weather TMDL analysis is consistent with the LA River Bacteria TMDL (CREST, 2010).

from the 1978-2011 LA County DPW flow gage, 15.0 cfs. The difference in predicted and observed flow rate at Sawtelle Avenue was less than 8.7 percent.

- The simulated *E. coli* concentrations in Ballona Creek during dry weather are shown in Figure 6B1-2. The simulated *E. coli* concentration at Centinela Avenue, 613 MPN per 100 mL, is consistent with the observed median from the historic data at BCB-5, 630 MPN per 100 mL[9]. The difference in predicted and observed *E. coli* concentration at Centinela Avenue was less than 2.7 percent.

The results demonstrate the QUAL2K model is able to represent current water quality conditions in Ballona Creek, which will serve as the basis for evaluating potential EWMP implementation scenarios, as described in the next section.

[9] Based on 287 samples collected between 2004 and 2011 during the Status & Trends and CMP monitoring from Inglewood Avenue, which is approximately 1500 feet upstream of Centinela Avenue.



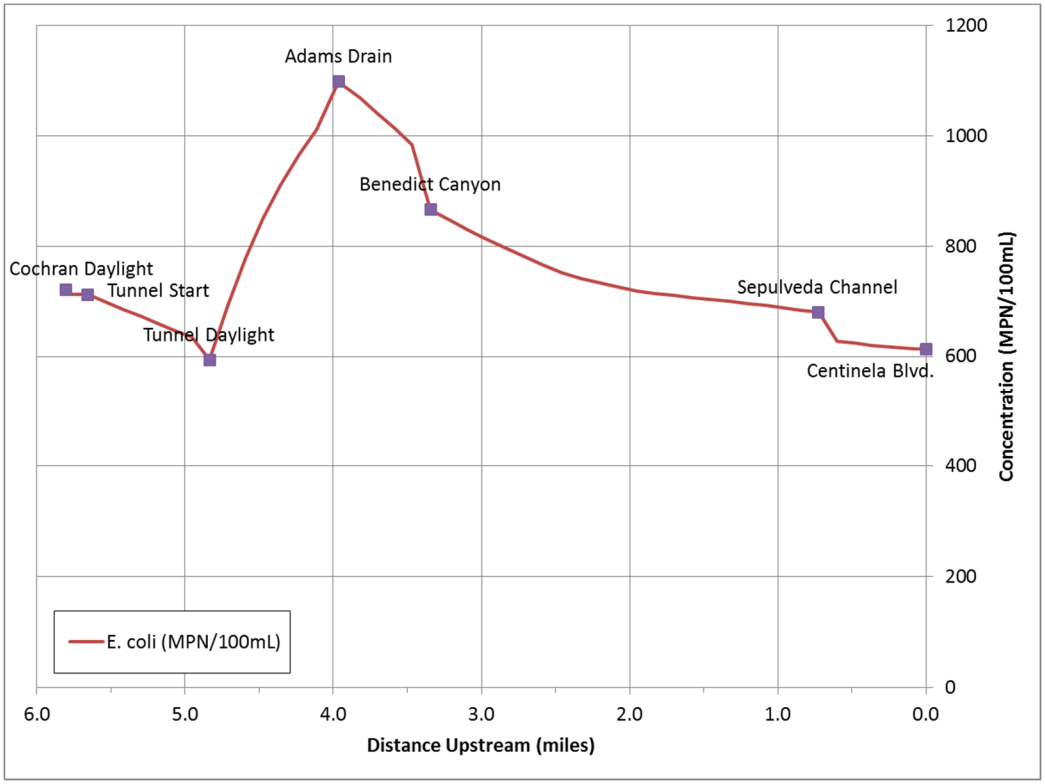


Figure 6B1Modeled Baseline Conditions Flow Rate (top) and *E. coli* Concentrations (bottom)

Modeling of BMP Implementation Scenarios for Ballona Creek

The verified QUAL2K model provides the quantitative basis for evaluating potential BMP implementation scenarios and providing reasonable assurance that proposed BMPs will result in attainment of applicable *E. coli* RWLs. The considered scenarios and predicted water quality outcomes are described in the following sub-sections.

Considered BMP Implementation Scenarios

The effect of two BMPs was simulated for the EWMP Implementation Plan, as follows:

- **NOTF for Ballona Creek Reach 2:** the purpose of the North Outfall Treatment Facility would be to reduce *E. coli* concentrations in Reach 2 to levels below the Limited REC-1 WQOs and also reduce impacts of Reach 2 on the Estuary. The model assumed the NOTF will extract dry weather flow from Ballona Creek, disinfect to reduce levels to 20 MPN per 100mL, and return the flows the channel. The scenario presented herein is very preliminary in terms of the actual design and operation of the North Outfall Treatment Facility (NOTF) – for example, the scenarios assume 100% treat and release of intercepted flows, but it is possible that flows will be diverted to Hyperion Treatment Plant for water re-use in order to provide additional benefits.

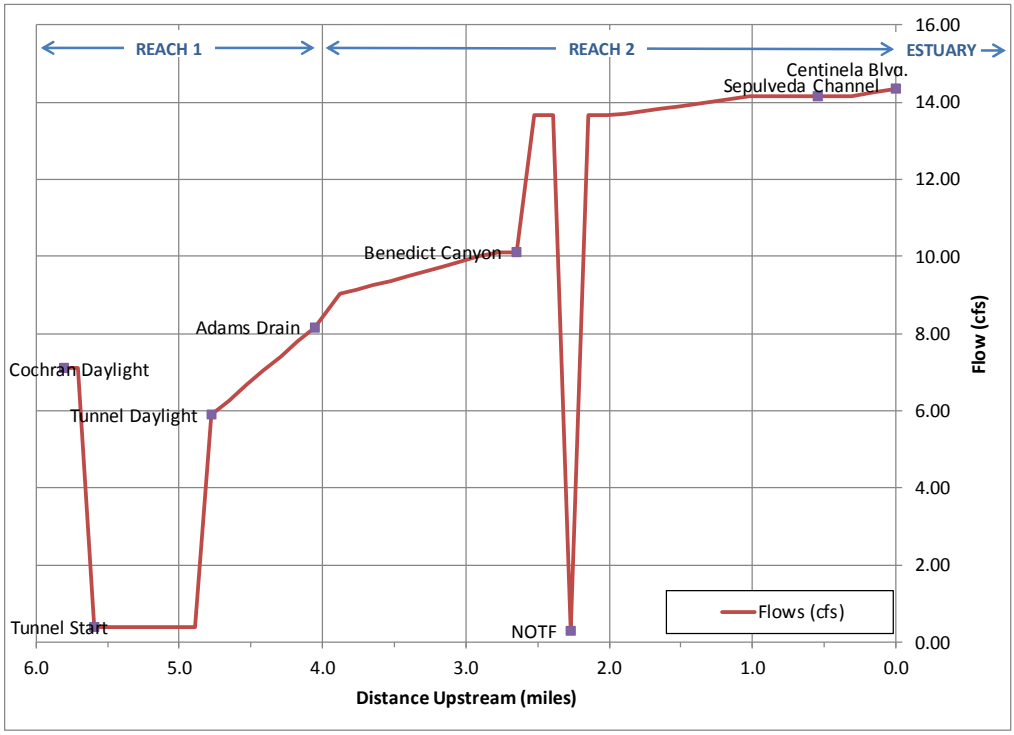
- **Treatment Facility for Sepulveda Channel prior to daylight:** Sepulveda Channel is designated as a REC-1 waterbody, even though it is a vertical walled box channel with limited access. The first purpose of the Sepulveda Channel low flow treatment facility (LFTF) prior to the daylight location would be to reduce *E. coli* concentrations to levels below REC-1 WQOs. The second purpose of the facility would be to prevent the Sepulveda Channel discharge from causing WQO exceedances in lower Reach 2 of Ballona Creek. The model assumed the Sepulveda Channel LFTF will remove all Sepulveda Channel flows prior to discharge to Ballona Creek. If treatment was utilized instead of the diversion, the conclusions of this dry weather RAA would not be affected.

Results of BMP Implementation Modeling

The combination of the NOTF and Sepulveda Channel LFTF has reasonable assurance of attaining *E. coli* RWLs in Ballona Creek prior to the freshwater confluence with the Estuary. As shown in **Figure 6B1-3**, the QUAL2K model predicts that concentrations of *E. coli* will be below the Limited REC-1 geometric mean WQO (126 MPN/100mL) downstream of NOTF for the entire extent of the non-tidally influenced channel. In Reach 1, the geometric mean fecal coliform concentration is less than the REC-2 geometric mean WQO of 2000 MPN per 100mL, and thus no BMPs are needed upstream of the Reach 1/Reach 2 break to achieve RWLs during dry weather (assuming a 1:1 translator between *E. coli* and fecal coliform).

Summary of BMP Implementation Modeling

The QUAL model outputs shown in Figure 6B1-3 constitute the reasonable assurance analysis to demonstrate that NOTF and Sepulveda Channel LFTF will achieve RWLs in Ballona Creek Reach 2. The concentrations of fecal coliform in Reach 1 are currently below the RWL, based on historic monitoring data. The QUAL model has provided a robust tool to conduct the dry weather RAA for the Ballona Creek EWMP.



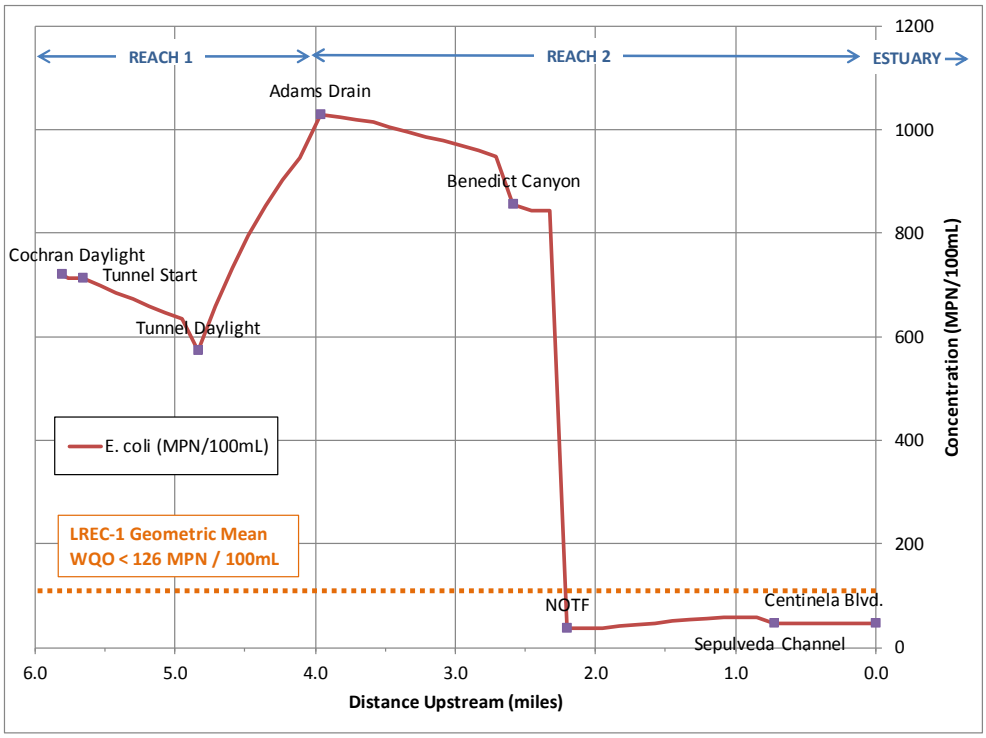


Figure 6B1-3 Predicted Flow Rates (top) and *E. coli* Concentrations (bottom) with Implementation of NOTF and Sepulveda Channel LFTF

(subject to change based on actual NOTF design)

Appendix 6.B2
Dry Weather RAA and Non-Stormwater Analysis

This appendix presents the simulation of non-stormwater and dry weather reasonable assurance analysis (RAA) for the EWMP.

Introduction

The MS4 Permit effectively prohibits discharges of non-stormwater[10] (dry weather runoff) and states that EWMPs shall "ensure that discharges…do not include non-stormwater discharges that are effectively prohibited." In addition, the MS4 Permit includes dry weather water quality based effluent limitations (WQBELs) for some of the applicable total maximum daily loads (TMDLs) including the Los Angeles River metals TMDL. However, it is important that dry and wet weather conditions not be evaluated in separate silos – the EWMP includes a large network of wet weather BMPs that will eliminate a majority of non-stormwater discharges. As presented herein, the non-stormwater simulation quantifies the reduction of wet weather BMPs on non-stormwater discharges, and the remaining amount to be addressed will be achieved by non-stormwater abatement programs including source investigation/elimination and regional water use reduction efforts.

The non-stormwater analysis and dry weather RAA are presented as follows:

- Methodology and validation for non-stormwater simulation (Section 2)
- Results of non-stormwater simulation (Section 3)
- Dry weather RAA (Section 3)

Non-stormwater Simulation Approach

The primary source of non-stormwater is outdoor water use. As such, the non-stormwater analysis is based on a simulation of non-stormwater whose source is outdoor water use11 in each of the subwatersheds within the EWMP area and whose sink is evapotranspiration and incidental infiltration. The modeling approach used for the non-stormwater analysis is distinctly different from the wet weather RAA – with the wet weather RAA being process-based (build-up wash off) and the dry weather RAA being a steady-state simulation based on empirical water use data from southern California. The non-stormwater analysis and wet weather RAA are linked by estimating the effectiveness of wet weather control measures on non-stormwater flows. The methodology and validation are presented in the subsections below.

Methodology

The methodology for the non-stormwater analysis is presented in the following subsections.

[10] Non-stormwater does not include all dry weather runoff. For example, permitted dry weather discharges (e.g., dewatering) and groundwater baseflow are exempted/allowed by the Permit.

[11] Non-stormwater volumes are not necessarily equal to dry weather runoff volumes in the EWMP area. Non-stormwater is the portion of dry weather runoff that is effectively prohibited by the Permit. Dry weather runoff would also include groundwater that is discharged through the MS4 system (if any), which is allowed by the Permit. By focusing on the non-stormwater portion of dry weather runoff, the non-stormwater analysis and dry weather RAA are focused on the portion of dry weather runoff that is required to be controlled by MS4s.

Non-stormwater Production Rates

The volumes of non-stormwater generated in the EWMP area were estimated by combining per capita outdoor water use rates with population estimates. For each subwatershed in the EWMP area, the daily generation of non-stormwater was the product of [1] the population in the subwatershed and [2] the estimated per capita water use. The basic parameters are the following:

- U.S. census population at the subwatershed level, and
- A steady-state per capita outdoor water use rate derived from a literature review

Outdoor water use was characterized through a literature review compiling typical per capita outdoor water use in Southern California. Twenty-five (25) estimates of outdoor water use were compiled12 as shown in **Figure 2-1**. A 50th percentile (median) outdoor water use value of 68 gallons per capita per day (gpcd) was selected as the representative outdoor water use condition.

Population estimates were then calculated using United States Census Bureau 2010 population and housing unit counts by block (US Census Bureau 2010). The block-scale population density data were spatially intersected with the BC EWMP subwatersheds (see Figure 2-2) and the total estimated population was then tabulated for each modeled area. The estimated population within each subwatershed was then proportionally distributed across the BMP drainage area. For outdoor water use estimates based on households, it was assumed that 2.97 persons are in each household (DeOreo et al., 2011). This per capita outdoor water use was used as a steady state input to the LSPC watershed model baseline to generate non-stormwater in the EWMP area.

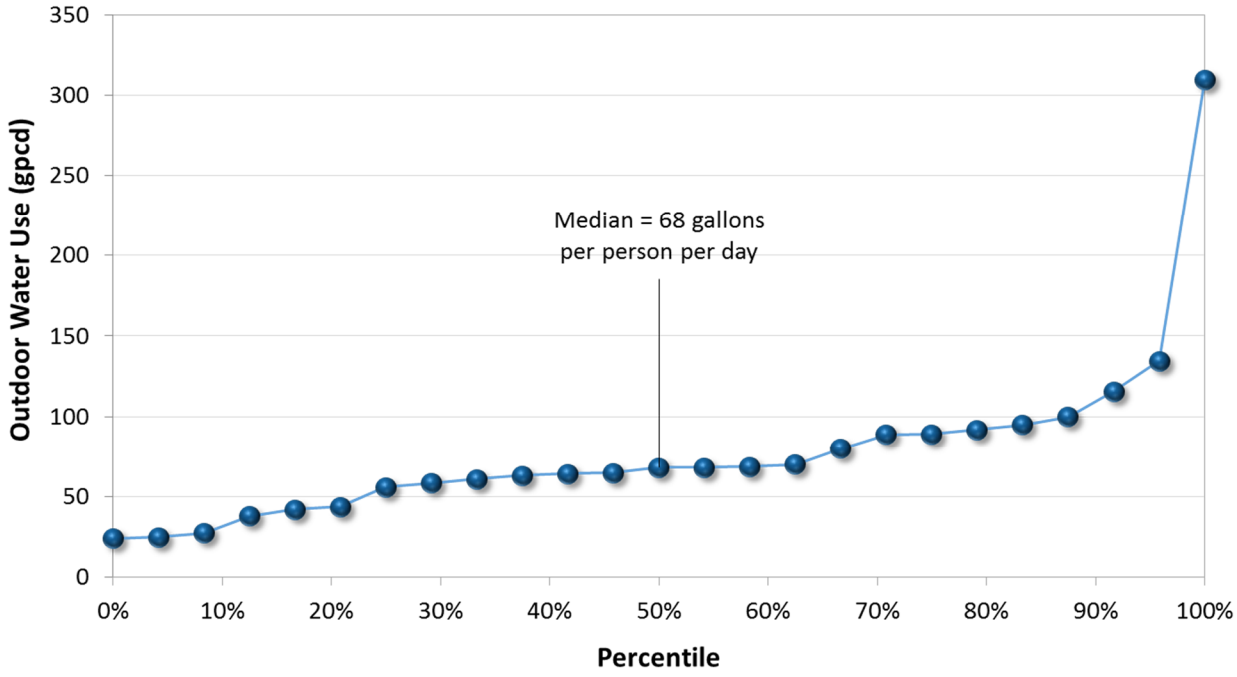


Figure 2-1. Distribution of Outdoor Water Use Estimates Compiled in Literature Review

[12] California Department of Water Resources, 2005, 2013; Christian-Smith et al., 2012; DeOreo et al., 2011; Gleick et al., 2003; LADPW 2010; Natural Resources Defense Council and Pacific Institute, 2014

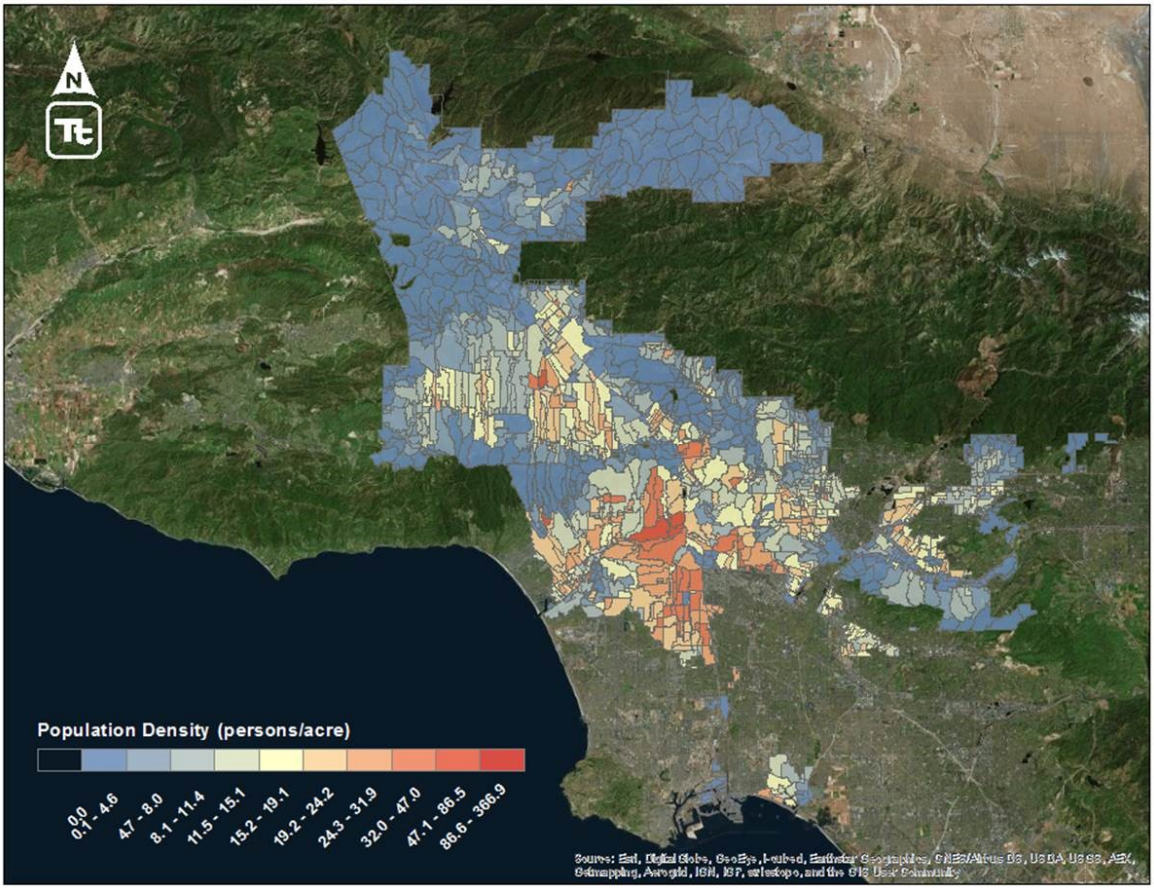


Figure 2-2. Population Estimates by Subwatershed in LA County

Antecedent Conditions

Although clearly defined definitions exist for wet periods, definitions for dry periods are less clearly defined. Wet-weather periods are either defined in terms of rainfall or instream flow. For bacteria, a wet day is one with a rainfall total greater than 0.1 inches plus the three subsequent days, while metals criteria define wet days as those with instream flow above the 90th percentile. As such, a dry weather critical condition was defined for the non-stormwater analysis, as described below.

Antecedent conditions for the BC non-stormwater analysis was determined by counting the number of consecutive dry days by month, exactly as was done for the Gateway Watershed Management Programs (LSGWMP, 2015). **Figure 2-3** illustrates graphically the analysis to identify a representative dry period. Within the two selected years (Critical WY 2003 and Average WY 2008), the 45-day period between 8/17 and 9/30 was found to be the most representative of dry weather conditions because (1) no rainfall occurred at any of the gages throughout all three WMP areas, (2) it was during a time of the year that was historically shown to experience the least amount of spatially-weighted rainfall in a year, and (3) it was late in the summer following an extended period of no rainfall for both 2003 and 2008.

A 30-day period falling between 8/21 and 9/20 during the Average WY 2008 was used to generate the evapotranspiration boundary conditions for the BC non-stormwater analysis. The daily average volume over the 30-day period is used as the basis for reporting.

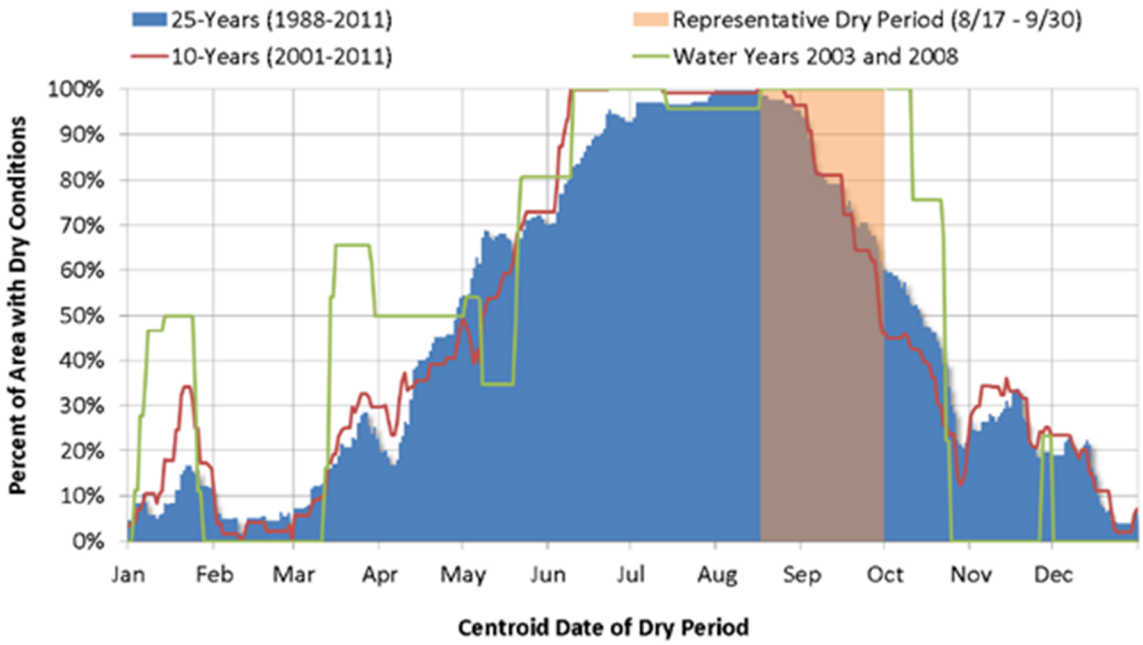


Figure 2-3. Sample of analysis used to summarize non-wet weather periods in the Lower San Gabriel River WMP (LSGRWG 2015).

Effect of Wet Weather Controls on Non-stormwater

The wet weather control measures in the EWMP (defined by the wet weather RAA) will provide significant benefits for eliminating non-stormwater. For BC, the dry weather runoff timeseries was routed through the interim (50% and 75%) and final (100%) metals wet-weather BMP networks to quantify the incidental non-stormwater reduction. In addition, the additional bacteria BMPs to be implemented by 2021 are known to be able to achieve all non-stormwater runoff. The comparison of baseline to remaining non-stormwater volume is used to calculate the percent reduction in non-stormwater flows in the EWMP area at each milestone through structural BMPs alone. Remaining runoff volume, if any, is the amount to be addressed by non-stormwater abatement programs including source investigation/elimination and regional water use reduction efforts.

Validation

Several studies in Southern California have produced a correlations between drainage area and dry weather flow for larger basins. A study by Ackerman and Stein (2005) was used to support the validation effort. The study included selection of four urbanized sites in Los Angeles County which had a historic flow record. The two largest basins included in the study were Ballona Creek and Coyote Creek. To allow anthropogenic dry weather flows to be isolated, each location was selected based on specific characteristics including heavily urbanized landscapes, concrete lined channels (to focus on areas with minimal groundwater baseflow), and lack of significant point source discharges. The study estimated dry weather runoff to be about 180 cubic meters per day per square kilometer of drainage area for large basins in Southern California (Ackerman and Stein, 2005).

Multiplying the daily flow estimate from Ackerman and Stein (2005) by the total MS4 drainage area of the BC EWMP results in an estimated flow of **96** acre-feet per day. Using the dry weather modeling methodology described above, the total dry weather runoff simulated for BC is approximately **123** acre-feet per day, a ***difference of 28%***. Considering the high variability of non-stormwater runoff and considering areas with lower population density in areas of BC (Figure 2-2), based on calculated percent difference, the non-stormwater analysis is validated to provide a reasonable estimate of non-stormwater generated in the EWMP area.

Results of Non-stormwater Simulation

The amount of non-stormwater to be addressed by the EWMP was determined by the non-stormwater simulation. For each jurisdiction in BC EWMP Group, the baseline non-stormwater volumes were estimated along with the non-stormwater volume remaining *after* implementation of wet weather control measures that correspond to each of the EWMP milestones (2016, 2019, and 2021). The corresponding non-stormwater volume reductions and percent reductions, as shown in **Figure 3-1** and **Figure 3-2**, respectively.

To consider the sensitivity of the analysis to the assumed outdoor water use, the simulation was also conducted using the 90th percentile water use estimate (109 gpcd), as shown in **Table 3-1**. The analysis of non-stormwater percent reduction was generally insensitive to a higher water use estimate, due to the fact that residual non-stormwater is due to areas where few control measures are implemented (rather than BMPs being "overtopped" by higher non-stormwater flow rates).

Table 3-1. Simulated Non-stormwater Reduction using Median versus 90th Percentile Water Use Estimates

	Percent Reduction of Non-stormwater Volume with Final Metals & Bacteria BMPs Implemented (2021)	
Jurisdiction	**Median Outdoor Water Use Estimate (68 gpcd)**	**90th Percentile Outdoor Water Use Estimate (109 gpcd)**
Beverly Hills	100%	100%
Culver City	100%	100%
Inglewood	100%	100%
Los Angeles	100%	100%
Santa Monica	100%	100%
Uninc. LA County	100%	100%
West Hollywood	100%	100%

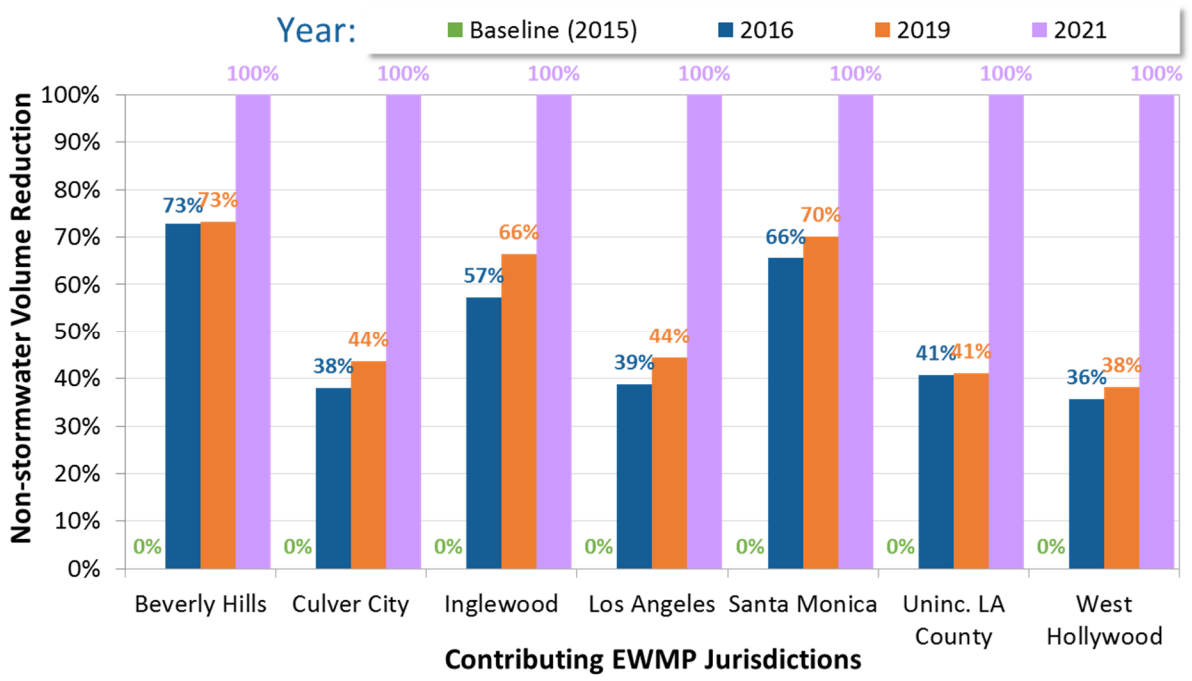


Figure 3-1. Schedule for Non-stormwater Reductions via Implementation of Structural BMPs

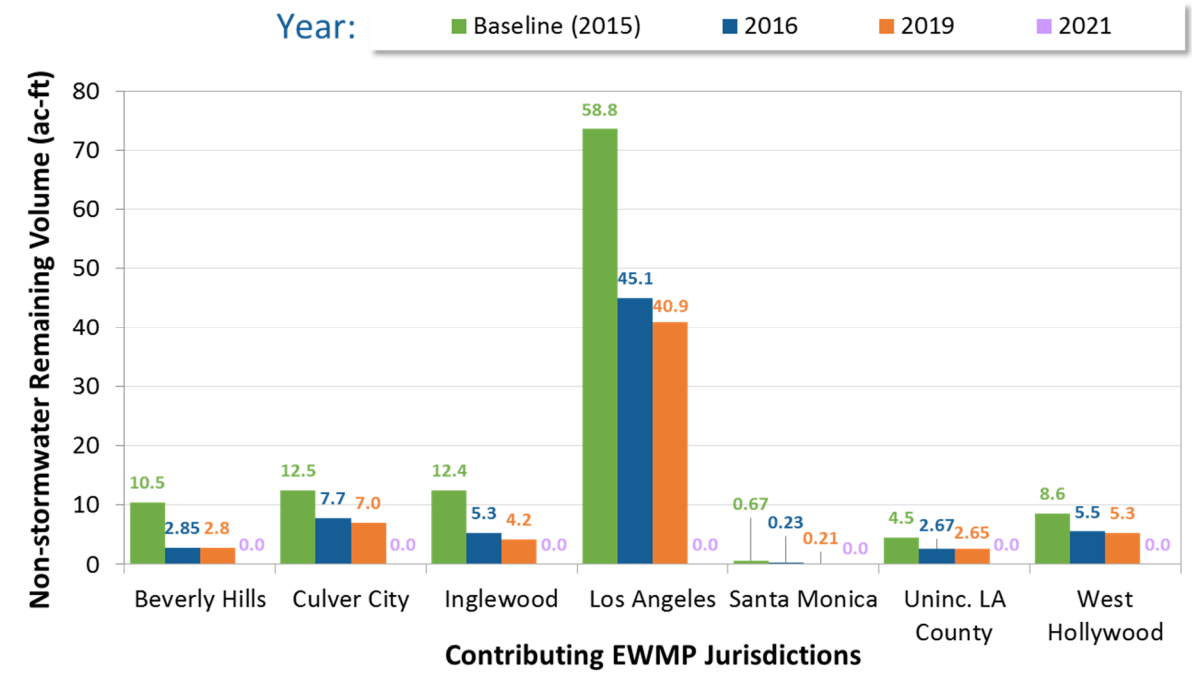


Figure 3-2. Schedule for Remaining Non-stormwater Volume after Implementation of EWMP Structural BMPs

Conclusions

The non-stormwater simulation has supported the dry weather RAA for BC, which demonstrates that non-stormwater will be effectively prohibited and provides reasonable assurance of achievement of dry weather RWLs by certain milestones. Existing MCMs appear to be addressing metals RWLs, whose 90th percentile concentrations during dry weather are less than applicable WQOs. Reasonable assurance for attaining E. coli RWLs is provided by the dry weather RAA in Appendix 6B1.

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Appendix 6.C
Control Measure Opportunity Assessment

This appendix summarizes the methods for identifying existing, planned, and potential control measure opportunities in the Ballona Creek EWMP area. The identified control measures (herein called best management practices, or BMPs, interchangeably) served as the "pool" of opportunities considered in the RAA, and ultimately determined the suite of strategies prescribed in the EWMP.

Methods and results are presented per the following sections:

- **Section 6.C.1 – Existing and Planned Control Measures:** summarizes the methods for identifying existing and planned BMP opportunities in the Ballona Creek EWMP area.
- **Section 6.C.2 – Potential Control Measure Opportunity Assessment:** identifies new BMP opportunities for each category described in Section 4 of the EWMP and estimates the relevant subwatershed-scale infiltration rates.

Existing and Potential Control Measures

Existing watershed planning documents and Total Maximum Daily Load (TMDL) Implementation Plans were reviewed and information on existing and planned regional BMPs was compiled. Documents reviewed included:

- Ballona Creek Watershed Management Plan (2004)
- Ballona Creek Greenway Plan (2011)
- Santa Monica Bay Restoration Plan (2008)
- Multi-Pollutant TMDL Implementation Plan for the Unincorporated County Area of Ballona Creek (2012)
- Request for Time Schedule Order (TSO) Ballona Creek, Ballona Estuary, and Sepulveda Channel Bacterial TMDL (2013)
- TMDLs for Bacterial Indicator Densities in Ballona Creek, Ballona Estuary, & Sepulveda Channel (2006, 2012) and its implementation plan (2009)
- Reconsideration of Certain Technical Matters of the TMDL for Bacteria Indicator Densities in Ballona Creek, Ballona Estuary, and Sepulveda Channel (2012)
- TMDLs for Metals in Ballona Creek (2005,2007) and its implementation plan (2010)
- TMDLs for Toxics in Ballona Creek Estuary (2005) and its implementation plan (2011)
- Trash TMDLs in Ballona Creek and Wetland (2001, 2004)
- Ballona Creek Wetland TMDL for Sediment and Invasive Exotic Vegetation (2012)
- Draft TMDLs for [dichloro diphenyl trichloroethane] DDTs and [polychlorinated biphenyls] PCBs in Santa Monica Bay (2011)
- Greater Los Angeles Integrated Regional Water Management Plan (LA IRWMP), 2006
- LA IRWMP, 2013

- City of Los Angeles Proposition O Monthly Report, October 2013
- Water Quality Compliance Master Plan for Urban Runoff (May 2009)
- Existing project databases (such as the 2013 LAIRWMP OPTI Database and Stormwater Capture Project Database developed by the Southern California Stormwater Committee [SCSC]) were reviewed, and information on existing and planned regional BMPs was compiled.

Existing and planned BMPs installed prior to September 2011 are implicitly included in the baseline model, whereas BMPs installed after September 2011 were specifically included in the RAA. The identified BMPs are listed in Appendix 6.F.

Potential Control Measure Opportunity Assessment

Additional control measures were identified to meet the numeric water quality objectives of the EWMP. This section discusses the methods used to assess *new* control measure opportunities for each category discussed in Section 4 of the EWMP[13]. Analysis of soil infiltration rates was also performed to evaluate the prominence of systems where poor infiltration necessitates underdrains (e.g. biofiltration systems) and to aid with project prioritization.

Data used for the desktop assessment are listed in Table 6.C-1.

Table 6.C-1. Data inventory for street screening

Data Set	Format	Description	Source
Parcels	GIS Shapefile	Outlines property boundaries, sizes, and ownership	Los Angeles County (LAC) Assessor
Roads	GIS Shapefile	Shows street centerline network & classification by Topologically Integrated Geographic Encoding and Reference (TIGER)	LAC GIS Portal
Land Use	GIS Shapefile	Subdivides the region into predefined land use categories with similar runoff properties. Each individual land use feature identifies the associated percent impervious coverage.	LAC WMMS Model
Soils	GIS Shapefile	Outlines spatial extents of dominant soil types	LAC GIS Portal
Subwatersheds	GIS Shapefile	Defines drainage areas to selected outlet points	LAC WMMS Model
Groundwater Contours	GIS Shapefile	Illustrates groundwater depth as measured from the surface	Los Angeles Bureau of Sanitation
Slopes	GIS Shapefile	Classifies regions by the slope category	LAC WMMS Model
Jurisdictions	GIS Shapefile	Establishes city and county boundaries	LAC GIS Portal
Aerial Orthoimagery	Image	Shows high resolution (30-cm) satellite imagery	ESRI Basemap
Soil Contamination Hazards	Table	Coordinates of active soil contamination and cleanup sites	State of California Water Resources Control Board GeoTracker

[13] Note that for the purposes of the RAA, total drainage area must be conserved. In other words, overlapping drainage areas were consolidated to avoid double-counting the same treated drainage area. The reported opportunities in this section are therefore smaller than the actual available spatial opportunities in the EWMP area – this was reconciled in the RAA by incorporating routing between BMPs so that the cumulative upstream drainage area to each BMP is represented.

Soil Infiltration Rate Assessment

Soil infiltration rates are one of the key drivers of infiltration BMP performance (as discussed in Section 6 of the EWMP), and determine whether an underdrain is necessary to facilitate drainage. This section describes the methodology used to estimate subwatershed-scale soil infiltration rates for BMP modeling.

The RAA model implicitly includes soil infiltration parameters that were arrived at through calibration efforts; however, to explicitly model control measures, infiltration rates were defined by subwatershed using available geospatial data. Soil data coverage provided through the LACDPW Hydrology Manual categorized soil unit areas into soil types. Runoff coefficient curves reported in the Hydrology Manual were developed by LACDPW for each soil type using double ring infiltrometer tests performed on areas of homogeneous runoff characteristics (LACDPW 2006). LADPW employed a sprinkling-type infiltrometer to perform the tests in each homogeneous area.

Runoff coefficient curves represent the response of the runoff coefficient (defined as the ratio of runoff to rainfall from a land area) to varying rainfall intensities. Each curve displays an inflection point representing the rainfall intensity at which substantial runoff initiates. According to LADPW (2006), each curve was assigned a minimum runoff coefficient of 0.1, "indicating that there is some runoff even at the smallest rainfall intensities." The infiltration rate for each soil curve can therefore calculated as the difference between the rainfall intensity at the point of inflection and the minimum runoff rate, as demonstrated conceptually in Figure 6.C-1.

The inflection point, and subsequently calculated infiltration rate, for each unique soil type in the EWMP area were identified using the runoff coefficient curves in Appendix C of the *Hydrology Manual* (LADPW 2006). Subwatershed areas were then intersected with the soil type coverage to calculate an area-weighted infiltration rate. Figure 6.C-2 shows the distribution of the infiltration rates.

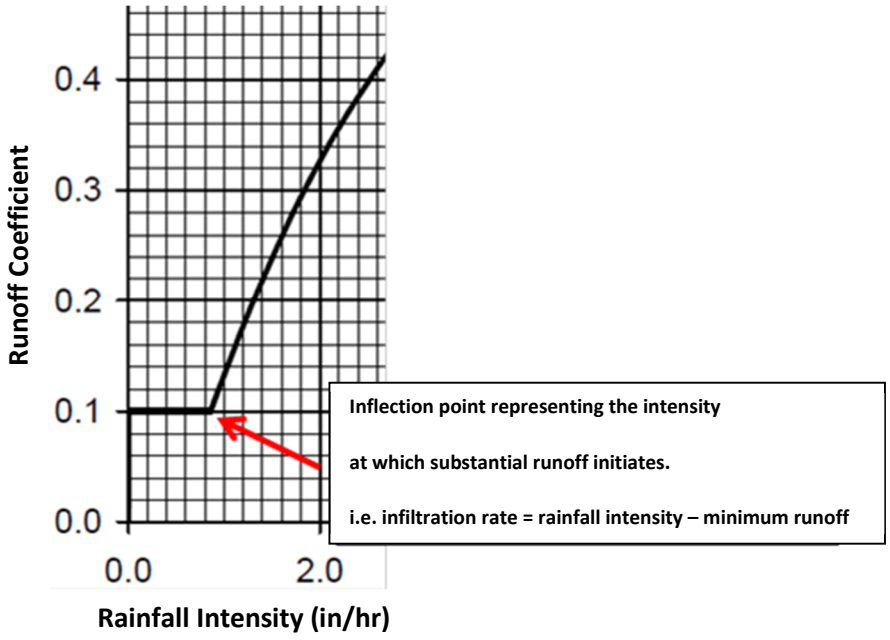

Figure 6.C-1. Example Determination of Runoff Coefficient Inflection Point for an Arbitrary Soil Type in Appendix C of LACDPW (2006).

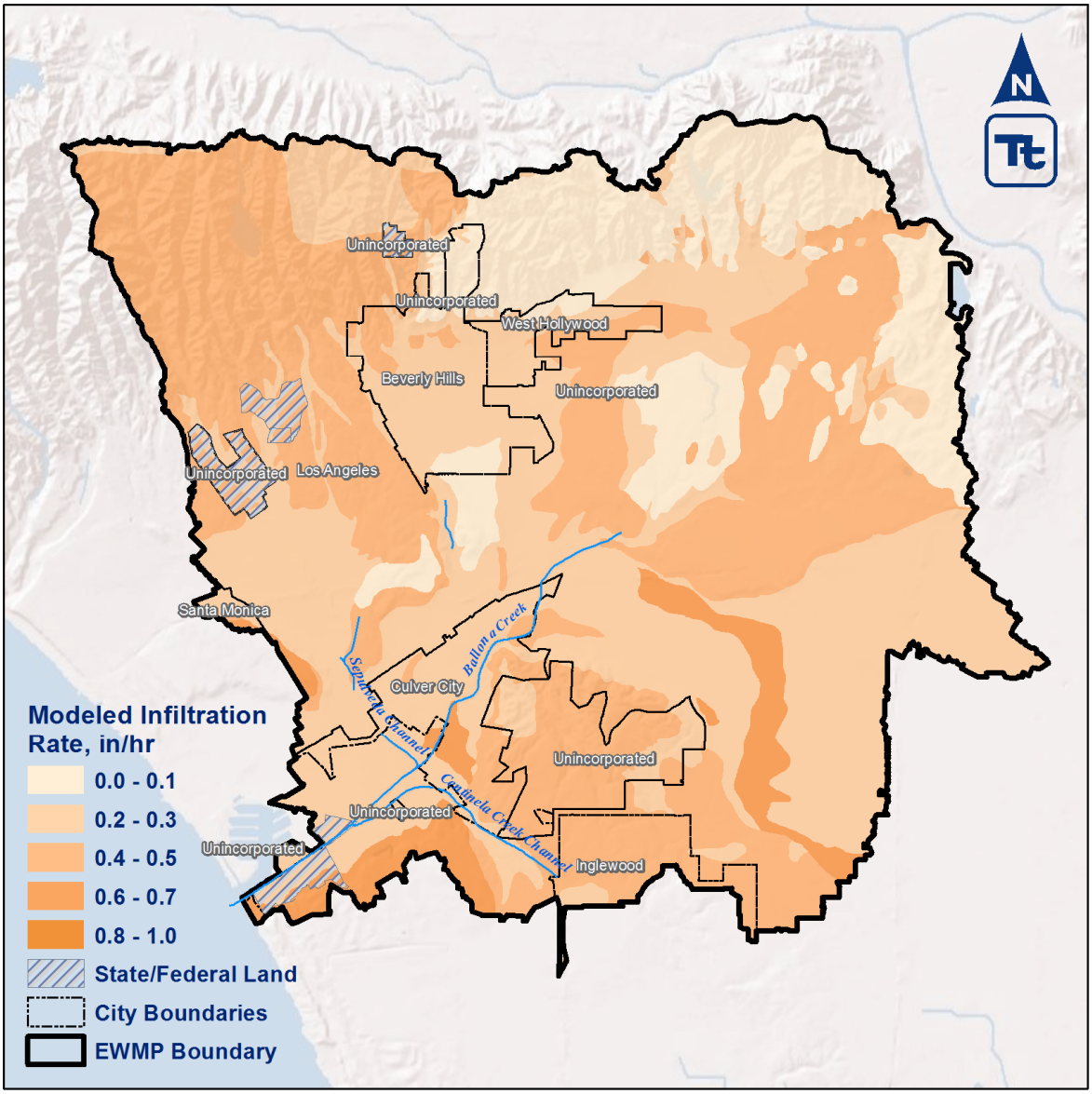

Figure 6.C-2. Map Showing Modeled Soil Infiltration Rates Throughout the Ballona Creek EWMP Area.

Appendix H of the Permit mandates underdrains (biofiltration systems) when subsoil infiltration rates are below 0.3 in/hr. Figure C-10 shows areas where green infrastructure and LID BMPs will likely require underdrains.

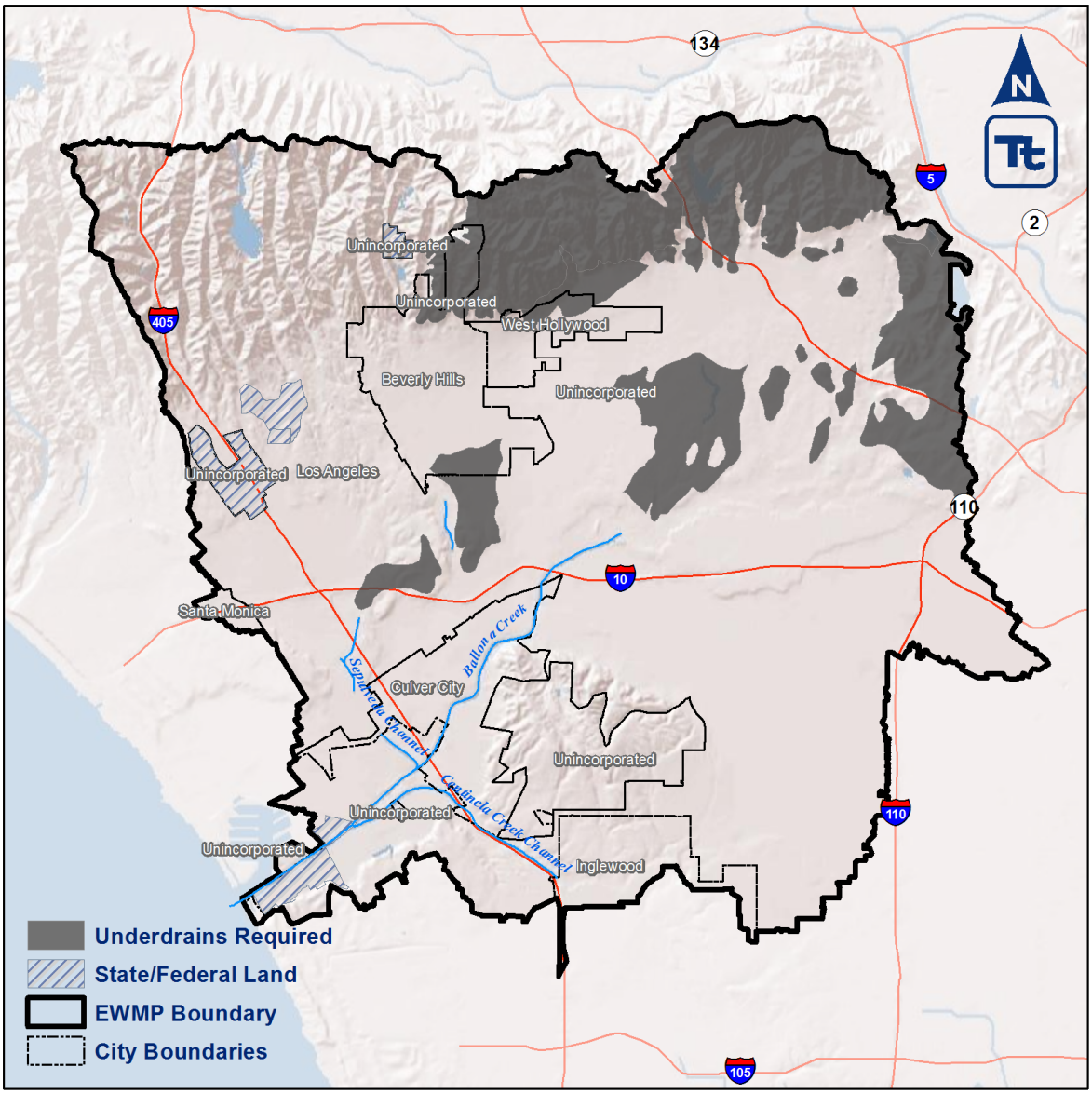

Figure 6.C-3. Areas where underdrains would likely be required (e.g. where subsoil infiltration rates are estimated less than 0.3 in/hr)

Parcel Screening Methods

Some parcels are unsuitable for control measures due to physical site constraints and/or institutional barriers. All parcels within the EWMP area were therefore screened for suitability, and the remaining candidate parcels were ranked using quantitative prioritization metrics. The following subsections describe these methods.

Public Parcel Screening Criteria (LID on Public Parcels)

Retrofitting public parcels with BMPs can be an efficient strategy for reducing stormwater runoff. This method allows municipalities the flexibility to prioritize and schedule stormwater projects to coincide

with improvements that are already on the books (such as scheduled parking lot resurfacing, utility work, and public park improvements). Implementing LID on public parcels also allows municipalities the freedom to construct, inspect, and maintain BMPs without the need to purchase private property or to create stormwater easements.

A detailed discussion of regional project screening criteria was provided in Appendix 4.B (for sites that capture and treat offsite runoff). Additionally, a reconnaissance of aerial imagery was performed for all High and Medium Tier candidate parcels to assess the engineering suitability of each parcel for regional BMPs. Sites deemed unsuitable based on best professional judgment (i.e. sites located at the base of steep canyons or on hilltops, sites built out with extensive building footprints, etc.) were eliminated from the pool of opportunities.

The following criteria were used to screen potential sites for LID BMPs (to treat onsite runoff):

- **Ownership:** Public parcels in the EWMP area were first identified using their assessor's identification number. Private parcels are discussed in the next subsection.
- **Slopes:** The identified list of public parcels underwent screening for slope because high slope areas tend to preclude efficient BMP retrofits. Areas with slopes greater than 10% were clipped out of the candidate parcels, while low slope parcel areas were retained as potential opportunities.
- **Soil contamination:** Infiltrating runoff near historical spills and cleanup sites can present a risk of mobilizing pollutants into the groundwater. To avoid potential problems, sites that were identified as open contamination cases (per the State of California GeoTracker database) were eliminated as unsuitable BMP retrofit opportunities. Sites that have been remediated or have closed cases were still considered as opportunities to provide BMP retrofits.
- **Receiving waters:** Sites located within the extents of open channels and receiving waters were screened out because compliance must be achieved at the point of discharge (e.g. runoff must be treated *before* it reaches the stream)

The results of desktop screening for LID BMPs on public parcels is tabulated in Table 6.C-2 and displayed in Figure 6.C-4. Appendix 4.B summarizes the available opportunity for regional BMPs. Note that the RAA assumed LID BMPs could be implemented on the identified public parcels to treat the *direct* runoff from the parcel proper, whereas regional BMPs could be co-located on the same parcel to treat *offsite* runoff.

Table 6.C-2. Screened public parcel LID retrofit opportunities[14]

Jurisdiction	Total Public Parcel Area Identified for LID Opportunity (acres)
Beverly Hills	96
City of Los Angeles	1,373
Culver City	81
Inglewood	58
Santa Monica	11
Unincorporated LA County	48
West Hollywood	39

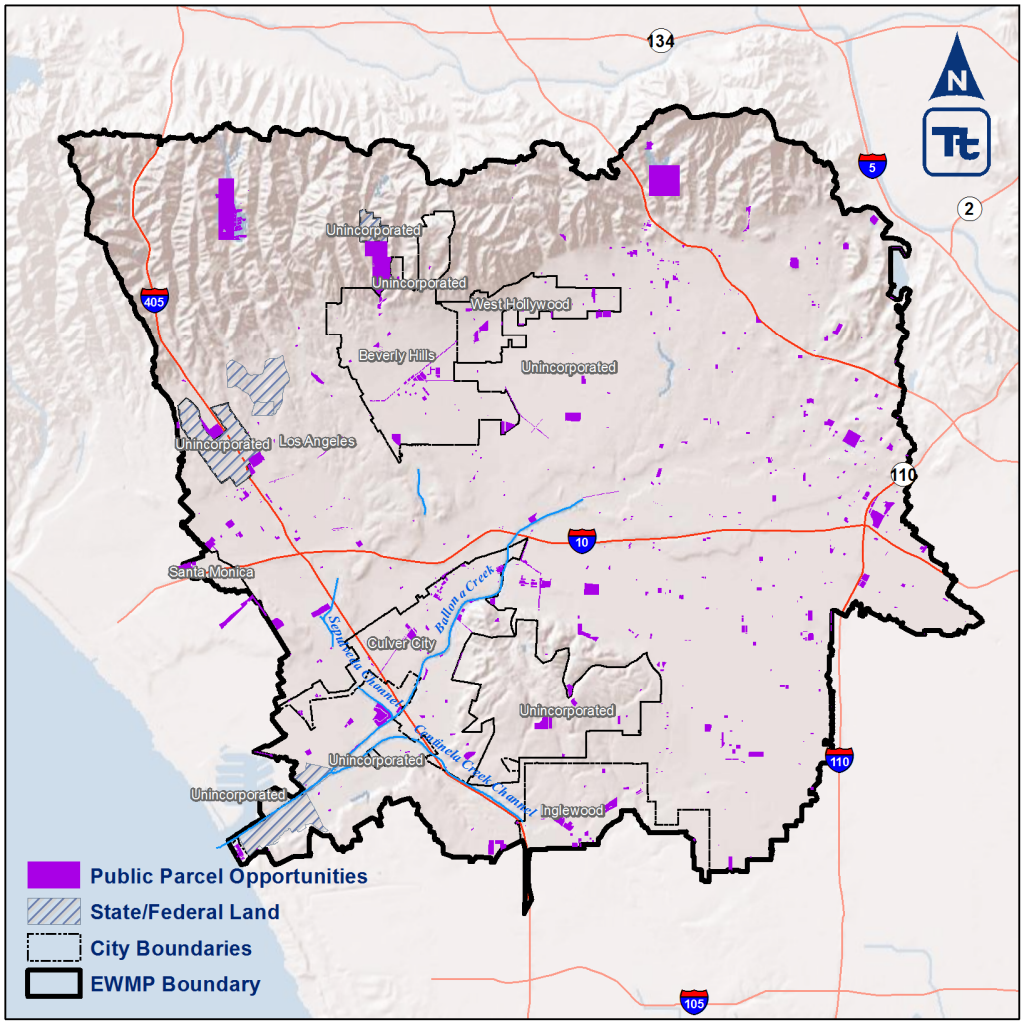

Figure 6.C-4. Screened Opportunities for LID on Public Parcels.

Notes: Regional and LID BMPs can be co-located on the same parcel, although their respective drainage areas do not overlap (LID treats the parcel, while regional BMPs treat the upstream area).

[14] Reported areas represent total parcel areas – the actual *BMP footprints* to be implemented on the screened parcels was identified in the RAA based on the design assumptions detailed in Appendix 6.D.

Private Parcel Screening (Residential LID and Redevelopment)

Distributed LID on private parcels was applied based on the relevant land use areas. High-density residential land areas were considered for residential LID opportunities at a predicted rate of 1% per year (starting in 2017); in other words, the RAA assumed that 1% of residences would implement LID measures to treat their parcels each year.

To represent LID due to redevelopment in the EWMP area, all developed land uses were considered. The land area redeveloped (and treated) was approximated using redevelopment forecasts for the City of Los Angeles (Table 6.C-3; Los Angeles River Upper Reach 2 Watershed Management Area Cities, 2014). These area-weighted redevelopment rates were also applied to the developed land uses in other Group Member jurisdictions.

LID on private parcels represented in the EWMP is tabulated in Table 6.C-4 and shown visually in Figure 6.C-5.

Table 6.C-3. Forecasted redevelopment rates by land use

Modeled Land Use	Redevelopment Rate (2017-2021)
High-Density Residential	1.1%
Low-Density Residential	1.1%
Multi-Family Residential	1.1%
Commercial	1.0%
Institutional	1.0%
Industrial	2.2%

Table 6.C-4. Predicted areas treated by LID on private parcels

Jurisdiction	Total Acres Assumed Treated by Residential LID (2017-2021)	Total Acres Assumed Treated by LID due to Redevelopment (2017-2021)
Beverly Hills	45	29
City of Los Angeles	632	472
Culver City	30	30
Inglewood	19	17
Santa Monica	3	2
Unincorporated LA County	41	30
West Hollywood	3	10

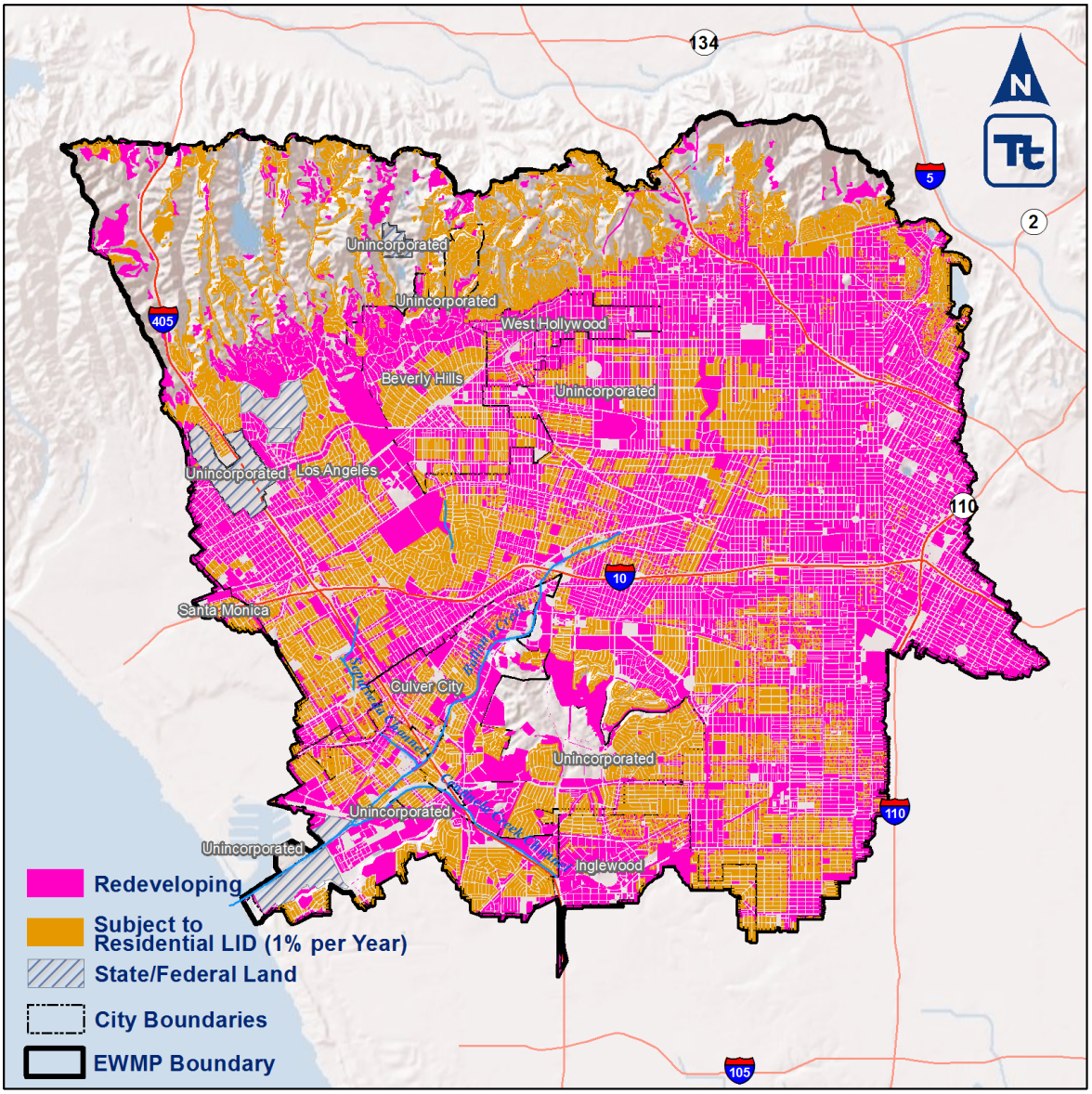

Figure 6.C-5. LID on Private Parcels Represented in the EWMP.

Notes: Displayed opportunities are distributed proportionally by land use throughout the EWMP area at the rates specified in Table 6.C-4.

Street Screening Methods

Stormwater BMPs in the right-of-way are treatment systems arranged linearly within the street corridor and are designed to reduce runoff volumes and improve runoff water quality from the roadway and adjacent parcels. Implementing BMPs in the right-of-way provides an opportunity to meet water quality goals by locating BMPs in areas owned or controlled by a municipality to avoid the cost of land acquisition or establishing an easement. Implementing street retrofit opportunities allows for direct control of construction, maintenance, and monitoring activities by the responsible jurisdiction.

Not all roads are suited for right-of-way BMP retrofits; therefore, screening is required to eliminate roads where green street retrofits are impractical or infeasible due to physical constraints. While right-of-way BMP retrofits can be implemented in a variety of settings, the physical characteristics of the road itself such as the road type, local topography, and depth to groundwater can significantly influence the practicality of designing and constructing these features. A screening protocol was established to identify realistic opportunities for retrofits based on the best available GIS data, as listed in Table 6.C-1, and supplemented with the Topologically Integrated Geographic Encoding and Reference (TIGER) Census roads data.

Streets were screened based on the following criteria:

- **Road Functional Class**: High traffic volumes, speed limits, and slopes impact the feasibility of green infrastructure implementation along street corridors. Road classification data contains information typically useful for determining if the street is subject to high traffic volumes and speeds, and Census TIGER road data provides the best available road classification information for the study area shows the Master Address File (MAF)/TIGER Feature Classification Codes (MTFCC) deemed appropriate for street retrofit opportunities. Only roads with the MTFCCs listed in **Error! Reference source not found.**were considered for street retrofits in this screening analysis. All other roads were screened out.
- **Slopes**: In addition to the screening of road types, opportunities were further screened to remove segments that have steep slopes. BMP implementation on streets with grades greater than 10 percent present engineering challenges that substantially reduce the cost effectiveness of the retrofit opportunity. From the available WMMS slope information, roads were considered as retrofit opportunities if the slope was less than 10 percent.

The results of the street screening are presented in Table 6.C-6 and shown in Figure 6.C-6. Note that the analysis screened many roads out of the Ballona Creek EWMP area due to high slopes.

Table 6.C-5. Green Street BMP Assumed Suitable MTFCC

MTFCC	Description
S1400	Local neighborhood road, rural road, city street
S1730	Alley
S1780	Parking lot road

Table 6.C-6. Screened potential green street opportunities

Jurisdiction	Total Green Street Volume Considered in Model (acre-ft)	Total Approximate Direct[15] Drainage Area to Screened Street Opportunities (acres)	*Approximate* Length of Screened Green Street Opportunity (miles of frontage length)[16]
Beverly Hills	93.1	2,459	214
City of Los Angeles	1,732.1	36,492	2,821
Culver City	75.6	1,978	149
Inglewood	42.1	1,347	97
Santa Monica	4.3	121	10
Unincorporated LA County	46.5	1,595	101
West Hollywood	33.9	781	59

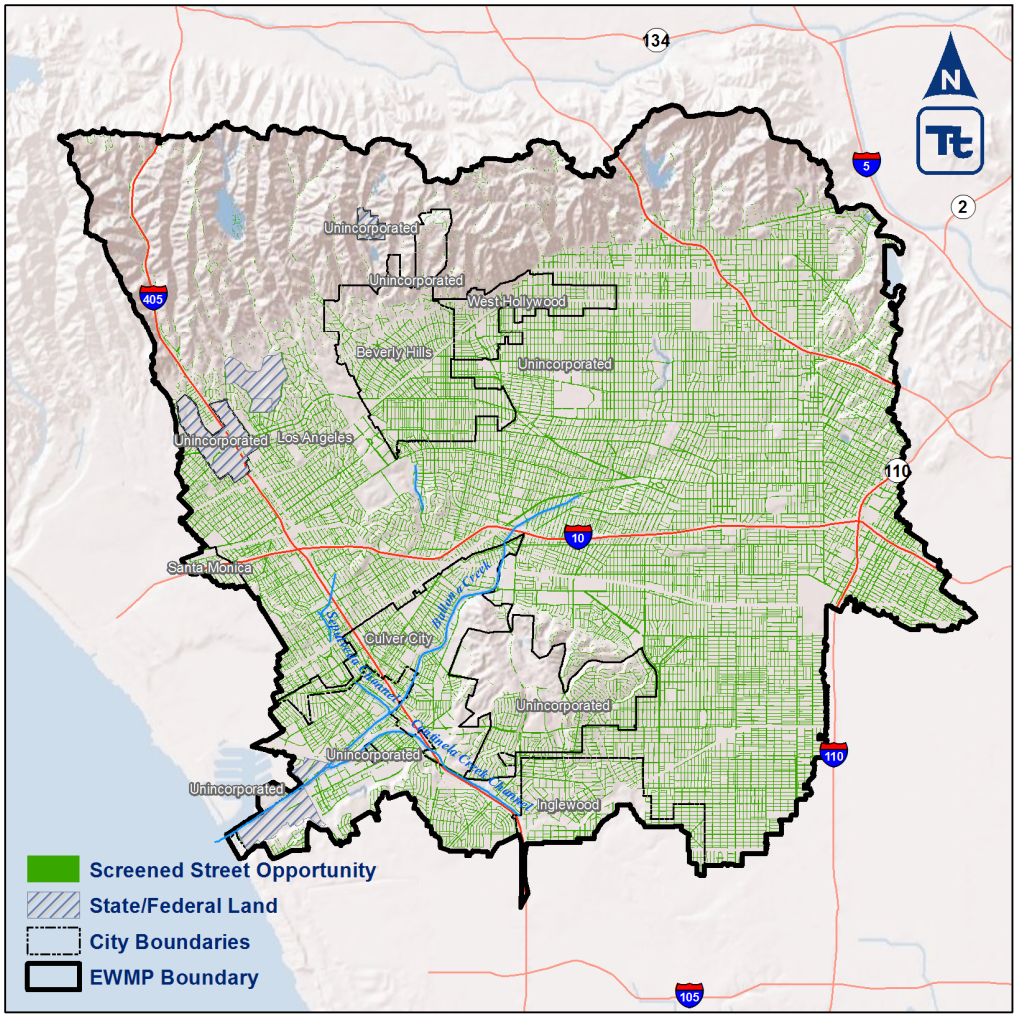

Figure 6.C-6. Screened Potential Green Street Locations.

[15] Recall that upstream BMPs such as LID on parcels, and their associated drainage areas, are also ultimately routed to green streets.

[16] Note that this is total screened *frontage* length (not *road* length or *BMP* length). The road length is approximately one half of the reported frontage, and the required green street BMP lengths were determined in the RAA based on the assumptions in Appendix 6.D. Reported lengths are conceptual and will vary depending up on BMP configuration.

References

Los Angeles River Upper Reach 2 Watershed Management Area Cities (City of Bell, City of Bell Gardens, City of Cudahy, City of Maywood, Los Angeles Flood Control District). 2014. Los Angeles River Upper Reach 2 Watershed Management Area Watershed Management Program (WMP) Plan DRAFT. Prepared for the Los Angeles Gateway Region Integrated Regional Water Management Authority.

Appendix 6.D
Control Measure Design and Representation

This appendix presents details on BMP design assumptions. These assumptions were generated using best available data to represent the opportunities and limitations within the BC EWMP area. For the EWMP to meet its full potential as a planning document, it is essential that the control measure assumptions provide a definitive link between the RAA and actual implementation efforts that are aligned with Group Member preferences. Group Members were therefore surveyed and the resulting preferences used to inform the RAA are listed in Table 6.D-7.

The routing schematic used for BMP routing in the RAA model (SUSTAIN) is shown in **Figure 6.D-7**. Note that hydrologic response units (HRU) are analogous with land uses for many purposes. Discrete land uses are routed to different types of BMPs. For example, residential HRUs/land uses are routed to residential LID. The allocations and available BMP opportunities vary by jurisdiction and watershed. Runoff from non-EWMP and non-MS4 permittees – including non-traditional Phase 2 MS4 areas, parcels with industrial stormwater permits, the extent of the Caltrans right-of-way, and federal and state lands – was not routed to BMPs and was excluded from compliance target calculations.

Recall that cost functions were presented in Section 6 of the EWMP.

Table 6.D-7. Jurisdictional BMP Preferences

Jurisdiction	Institutional	LID Ordinance	Residential LID	LID on Municipal Parcels	Permeable Pavement	Very High/High Regional	Regional/LID on Schools
Beverly Hills	5%	Yes	Yes	Yes	Yes	Yes	No
City of Los Angeles	5%	Yes	Yes	Yes	Yes	Yes	No
Culver City	5%	Yes	Yes	Yes	Yes	Yes	No
Inglewood	5%	Yes	Yes	Yes	Yes	Yes	No
Santa Monica	5%	Yes	Yes	Yes	Yes	Yes	Yes
Unincorporated LA County	5%	Yes	Yes	Yes	Yes	Yes	N/A
West Hollywood	5%	Yes	Yes	Yes	Yes	Yes	Yes[17]

[17] Also prefer to include non-WMG-owned parcels, such as Metro Transit Authority parcels.

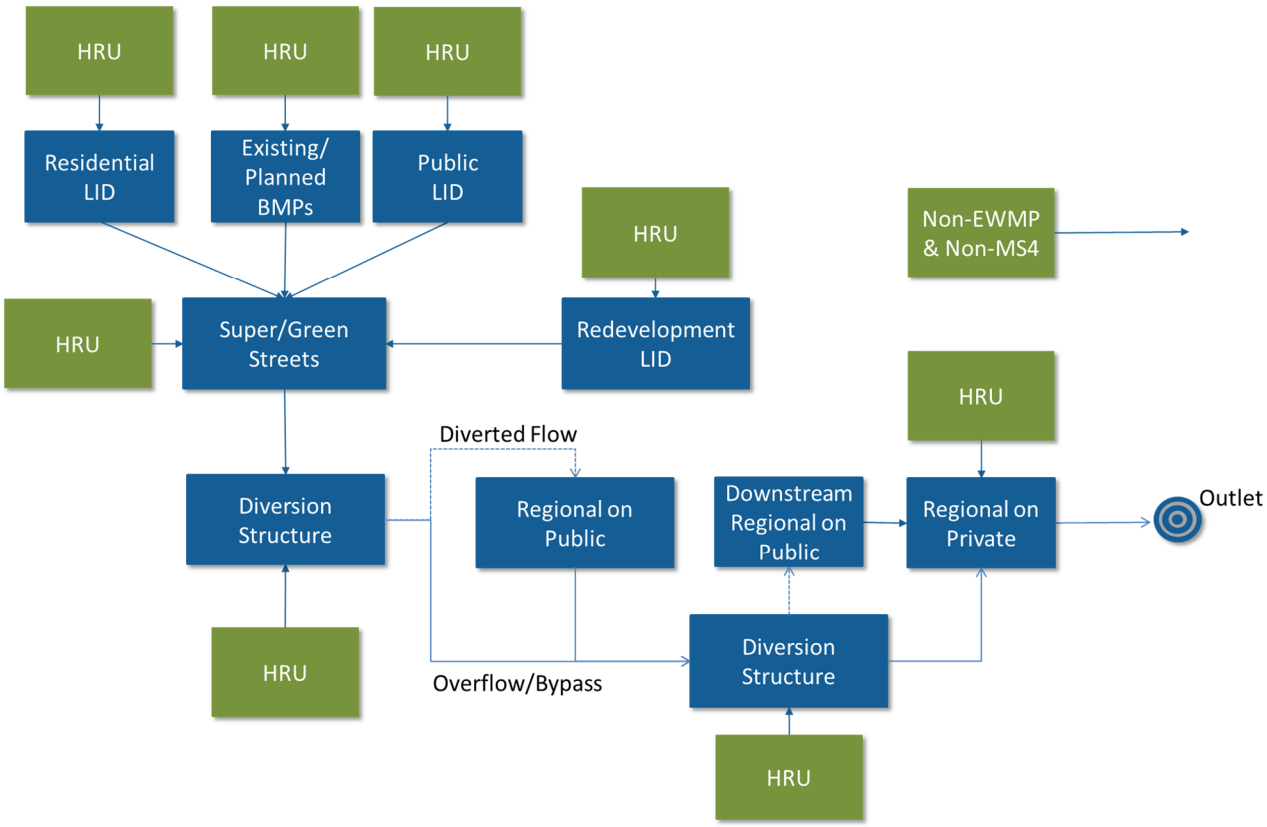

Figure 6.D-7. Conceptual schematic illustrating BMP routing for the RAA

Institutional BMPs

It was assumed institutional BMPs will reduce 5% of the target load, and this reduction was assumed implicitly, e.g., no modeling was performed.

Existing/Planned Distributed BMPs, LID on Public Parcels, Redevelopment

Table 6.D-8 provides the modeled sizing criteria for existing/planned distributed BMPs, LID on public parcels, and redevelopment LID. Existing and planned BMPs installed prior to September 2011 are implicitly included in the baseline model, whereas BMPs installed after September 2011 were specifically included in the RAA. The public parcels considered for LID included screened parcels owned by the Group members; schools and parcels owned by other entities were also considered if directed by Group members. The rate of redevelopment was presented in Appendix 6.C.

Table 6.D-8. Existing/Planned Infiltration/Filtration BMP design criteria

Parameter		Value	Units
Surface	Design Drainage Area	*Sized to capture 85th percentile volume*	
	BMP Footprint		
	Ponding Depth	9	*in.*
Soil	Depth	2	*ft.*
	Media Porosity	0.35	*n/a*
	Media Infiltration Rate	2	*in/hr*
Underdrain	Use underdrain if underlying soils are less than	0.3	*In/hr*
	Depth	1.5	*ft.*
	Media Porosity	0.4	*n/a*
	Subsoil Infiltration Rate	*Match underlying soils*	
Cost	*Use bioretention cost functions*		

Regional BMPs on Public Parcels

The assumptions for modeling the High and Medium Tier regional facilities are listed below in Table 6.D-9. High Tier facilities included only the screened, municipally owned public parcels, while Medium Tier facilities included schools and parcels owned by other entities (if included upon the direction of the Group members). Assumptions governing Very High tier facilities were specified on a site-by-site basis per aerial investigations and planning-level site layouts. A total of 20 Very High tier facilities were included in the RAA per Group member input.

Table 6.D-9. High Tier regional facility on public parcels design criteria

Parameter		Value	Units	Notes
Surface	Design Drainage Area	*Specified explicitly for each BMP*		
	BMP Footprint			
	Ponding Depth	3	*ft*	*Assumed*
	Overflow Weir Length	100	*ft*	*Assumed to allow free overflow*
	Extended Detention via Outlet Structure Required if Underlying Soil Infiltration Rate less than	0.3	*In/hr*	*Allows Dewatering within 5 Days*
	Assumed Dewatering Time if Extended Detention is Required	3-5	*days*	
	Assumed Permanent Pool Depth	0	*ft*	*All Volume Dewatered*
Diversion Type	*Assumed pumped if major storm drain greater than 100 ft from BMP (maximum 20 cfs pump capacity). Used optimum diversion rate of 0.09 cfs per contributing acreage if BMP less than 100 ft from major storm drain*			
Cost	*Use regional project cost functions*			

Green Streets

Green street design criteria and drainage areas are provided in Table 6.D-10 below, and permeable pavement is included to simulate "additional storage", which would be in the form of permeable pavements, suspended pavements, or other subsurface storage. Certain high-efficiency BMPs (green

street opportunities undersized relative to their contributing drainage area) are inherently acknowledged in the subwatershed-scale model inputs, but such opportunities must be identified with street-scale analyses.

Table 6.D-10. Green Street BMP design criteria

Parameter		Value	Units
Bioretention Assumptions			
Surface	Design Drainage Area	Specified for each jurisdiction, subwatershed and land use combination based on available opportunities	
	BMP Footprint		
	Ponding Depth	7	in.
Soil	Depth	2	ft.
	Media Porosity	0.35	n/a
	Media Infiltration Rate	2	in/hr
Underdrain	Use underdrain if underlying soils are less than	0.3	In/hr
	Depth	1.5	ft.
	Media Porosity	0.4	n/a
	Subsoil infiltration Rate	Match underlying soils	
Cost	Use bioretention cost functions		
Permeable Pavement Assumptions			
Surface	Design Drainage Area	Specified for each jurisdiction, subwatershed and land use combination based on available opportunities	
	BMP Footprint		
	Ponding Depth	0.12	in.
Aggregate	Depth	2	ft.
	Media Porosity	0.4	n/a
	Media Infiltration Rate	2	in/hr
Underdrain	Use underdrain if underlying soils are less than	0.3	In/hr
	Depth	1.5	ft.
	Media Porosity	0.4	n/a
	Subsoil Infiltration Rate	Match underlying soils	
Cost	Use permeable pavement cost functions		

LID on Private Residential Parcels

Model inputs assumed that 1% of homeowners per year (starting in 2017) would participate in residential LID programs. Assumptions for LID on private residential parcels are presented in Table 6.D-11.

Table 6.D-11. Residential LID design criteria

Parameter		Value	Units
Surface	Design Drainage Area	*1% of WMMS high-density residential land use within each jurisdiction per year*	
	BMP Footprint	*4*	*% of drainage area (e.g., footprint as percentage of each retrofitted parcel)*
	Ponding Depth	9	*in.*
Soil	Depth	2	*ft.*
	Media Porosity	0.35	*n/a*
	Media Infiltration Rate	*Match underlying soils*	
Cost	*Use LID on Residential cost functions*		

Regional Projects on Acquired Private Parcels

Remaining untreated areas and effluent from upstream BMPs are assumed to drain to private parcels that have the potential to provide regional BMP opportunities. For the purposes of the RAA, these BMP opportunities are assumed to be infiltration basins. Table 6.D-12 provides a summary of the design criteria for these BMPs.

Table 6.D-12. Design criteria for regional BMPs on private parcels

Parameter		Value	Units
Infiltration Basin			
Surface	Design Drainage Area	All areas not routed to upstream BMPs	
	Maximum BMP Footprint	5	% of directly contributing drainage area
	Ponding Depth	36	in.
	Dewatering Mechanism	No Dewatering – Assume fully infiltrating.	
Diversion Type	Assume 100% flow routed to facility		
Cost	Use Regional Project on Private Parcel cost functions		

BMP Performance Analysis

This section presents the results of a statistical analysis of available BMP performance data relevant to southern California. The goal was to review and summarize data regarding performance of BMPs for reducing constituents of concern from stormwater and non-stormwater flows. The scope of work specified the analysis should be based on data provided by the BCWMG, specific to southern California, and analyzed in consideration of applicable MS4 Permit limitations. Few BMP performance data were available from the BCWMGs, and thus external data were compiled as described below. The compiled dataset is extensive and appendices are presented through web links (to avoid complications with printing).

The following sections provide an overview of the data sources, description of statistical methods, and summary of the results of the statistical analysis.

Data Sources for BMP Performance Data

Data for the BMP performance analysis were derived from the IBD, the most extensive effort to collect and distribute BMP performance data in the US. The IBD is sponsored by USEPA, WERF, the American Society of Civil Engineers (ASCE)/Environmental and Water Resources Institute (EWRI), the American Public Works Association (APWA), and the Federal Highway Administration (FHWA). The stated purpose of the project is "to provide scientifically sound information to improve the design, selection and performance of BMPs."

The currently (Nov 2013) available sites with monitoring data in Southern California are displayed in Figure 6.D-15 There are 44 sites that have data within the mapped area and the sites have a total of 58 BMPs that were sampled. Each of these BMPs in the IBD was mapped to the categories and subcategories established in Section 2 (see Table 2-3). Many of the BMPs, particularly bioswales, are owned and operated by Caltrans and therefore implemented on roadways, maintenance stations, and park and ride facilities.

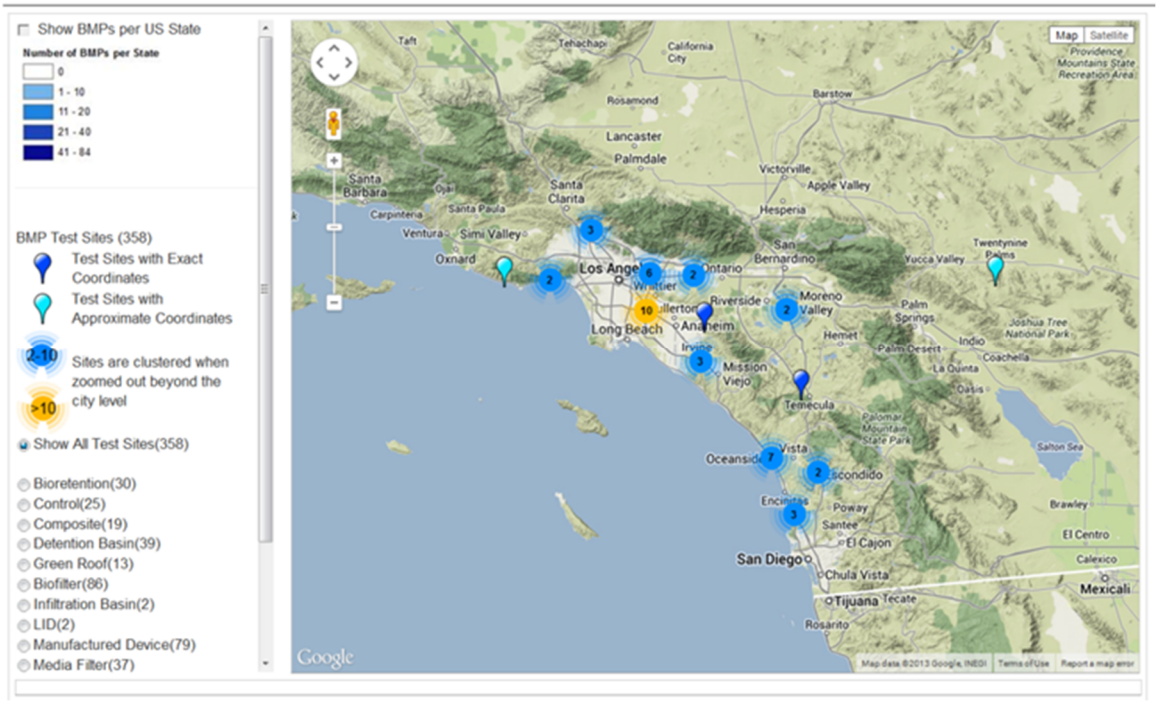

Figure 6.D-15 Southern California BMPs from the International BMP Database
(www.bmpdatabase.org)

Description of Analyzed Data

Analysis of BMP data in the International BMP database collected from Southern California provides a cross-section of structural BMP results and constituents. The following provides an overview of the data characteristics:

- **BMP types**: The BMPs in the IBD were categorized according to those defined in Appendix 4, after review of the BMP design details. Five of the BMP subcategories were represented in the IBD for the Southern California region, including the following:

  - Constructed wetlands
  - Site-scale detention
  - Bioswales
  - Flow through Treatment BMPs
  - Catch basin inserts

- **Constituents**: The IBD contains sample data for hundreds of constituents ranging from metals to pesticides. This analysis herein emphasized a subset of constituents referred to herein as "common constituents of concern", as follows:
  - Total suspended solids (TSS)
  - Fecal coliform
  - Total copper
  - Total lead, and
  - Total zinc

Beyond these five constituents, the database was screened for additional constituents with sufficient data to perform analysis and results. Based on this screening, an additional 18 constituents were identified, for a total of 23 constituents. To assist with organization and presentation of the results, each of the 23 constituents was categorized into four groups as follows (shown in Table 6.D-4):

  - Metals
  - Bacteria
  - Solids, and
  - Nutrients.

- **Land uses**: A majority of the BMPs are located primarily for transportation related sites. Other major land use categories such as residential, commercial, and industrial are not heavily represented in the analysis herein. However, the effluent concentrations and performance metrics are still generally considered applicable to non-transportation land uses. Many bioswales were included in the analysis, which allowed for grouping of bioswales into three categories: "all", "Caltrans", and "Non-Caltrans."

- **Monitoring methods:** The majority of the data from the IBD are based on flow-weighted composite (FWC) samples which is the generally preferred practice. FWC samples provide a better measurement of the total load from a storm event and most accurately portray the removal efficiency of BMPs. These types of samples can be used to generate good event mean concentrations (EMCs) that can be used to calibrate water quality models. The analysis herein emphasizes reduction in concentrations of constituents. Flow reduction is heavily site- and storm-specific (depended on rainfall intensity, soil types, antecedent conditions, etc.) and can be predicted through other means (e.g., modeling during the RAA).

Statistical Analysis

The statistical analysis herein is primary based on three metrics:

- Tabular summary statistics of inflow and outflow from BMPs (mean, median, percentiles, etc.)
- Graphical presentation of the inflow and outflow using box plots
- Tabular presentation of constituent reductions and tests for statistical significance of differences between inflow and outflow

It is acknowledged that "percent reduction" is a BMP performance metric that deserves caveats (see the article "Voodoo Hydrology" in the July 2006 article of Stormwater Magazine, http://www.stormh2o.com/SW/Articles/Voodoo_Hydrology_37.aspx). Percent reduction is a readily-understandable BMP performance metric, and it also convenient for reporting a compact form (as shown in Table 6.D-4). However, BMP performance is ultimately characterized by both the reduction of pollutants from inflow to outflow and the concentration of constituents in the outflow. For this analysis, percent reduction is presented as a simple metric to compare different BMPs across different storm and land use conditions. In addition, inflow and outflow datasets were analyzed separately, in order to characterize the quality of BMP outfalls and allow for future comparison to permit limitations.

An emphasis of the analysis herein was handling of non-detected samples. The approach to handling non-detects can greatly affect estimated summary statistics. For the BMP performance analysis herein, statistical analyses of measured concentrations were based on regression-on-order statistics (ROS). The primary advantage/purpose of the ROS approach is to account for sample limits of detection (SLODs) in samples that were non-detect (referred to as "censored"). An Excel add-in developed by Caltrans was used to generate ROS, for which the primary references for the statistical procedures are Shumway and Azari (2000) and Helsel (1990).

Table 6.D-4 Mean and Median Percent Removal from Inflow to Outflow for All Pollutants and BMP Categories

Constituent Group	Pollutant	BioSwale (All)		BioSwale (Caltrans)		BioSwale (Non-Caltrans)		Constructed Wetland		Flow Through Treatment BMP		Site Scale Detention	
		% Change, Mean	% Change, Median	% Change, Mean	% Change, Median	% Change, Mean	% Change, Median	% Change, Mean	% Change, Median	% Change, Mean	% Change, Median	% Change, Mean	% Change, Median
Metals	Total Arsenic	-51.14%	-21.85%	21.19%	29.33%	-70.90%	-44.19%	**-64.23%**	-65.00%	-11.57%	-18.52%	-19.56%	-24.00%
	Total Cadmium	-51.15%	-58.47%	-15.99%	-49.52%	-68.14%	-66.32%	**-74.50%**	-62.40%	1.22%	-48.00%	**-53.72%**	-49.44%
	Total Chromium	-24.85%	-42.03%	-21.11%	-28.38%	-27.37%	-61.06%	**-81.54%**	-88.30%	**-35.10%**	-37.04%	-60.67%	-50.00%
	Total Copper	-69.02%	-68.29%	-59.24%	-60.98%	-70.39%	-60.32%	-98.02%	-85.81%	-55.03%	-38.89%	**-51.83%**	-48.04%
	Total Iron	-57.30%	-61.20%	-48.56%	-47.57%	---	---	---	---	---	---	---	---
	Total Lead	-75.46%	-77.05%	-69.92%	-75.02%	-76.11%	-67.68%	-98.11%	-97.41%	**-63.71%**	-76.15%	**-66.23%**	-59.26%
	Total Nickel	-59.02%	-64.38%	-41.24%	-46.58%	-69.50%	-72.97%	-48.11%	-36.78%	-21.04%	-28.57%	-62.53%	-45.21%
	Total Zinc	-74.08%	-75.66%	-71.53%	-76.14%	-71.42%	-68.65%	**-84.48%**	-85.56%	**-62.40%**	-74.89%	**-68.98%**	-64.64%
Bacteria	Fecal Coliform	-13.70%	-82.00%	---	---	-13.70%	-82.00%	-94.54%	-92.69%	-26.36%	-91.43%	99.1%	41.7%
	Total Coliform	---	---	---	---	---	---	-0.18%	-62.97%	**-99.91%**	-99.90%	---	---
Solids	Total Suspended Solids	-50.46%	-59.21%	-24.21%	-51.28%	-61.37%	**-58.33%**	**-94.55%**	-95.22%	**-65.0%**	-82.28%	**-62.82%**	-62.00%
	Total Dissolved Solids	-3.72%	7.32%	17.58%	12.36%	-17.36%	-2.50%	**+1169%**	1739%	12.12%	16.67%	-0.29%	0.00%
	Turbidity	-62.65%	-50.67%	-62.65%	-50.67%	---	---	---	---	---	---	---	---
Nutrients	Kjeldahl nitrogen (TKN)	-18.52%	-15.00%	29.02%	16.67%	-31.74%	-25.24%	-22.91%	8.33%	-24.22%	-30.97%	-14.86%	-20.21%
	Nitrogen, ammonia as N	15.93%	-25.50%	40.91%	-9.04%	---	---	-61.86%	-57.14%	28.35%	50.00%	---	---
	Nitrogen, Nitrate (NO3) as N	-12.14%	-21.25%	13.77%	-1.31%	-22.54%	-23.29%	-66.90%	-87.87%	24.13%	41.41%	-13.89%	-10.59%
	Nitrogen, Nitrite (NO2) as N	89.01%	31.91%	89.01%	31.91%	---	---	**-100%**	-100%	---	---	---	---
	Nitrogen, unionized ammonia (NH3) as N	---	---	---	---	---	---	---	---	**-56.11%**	-62.50%	---	---
	Organic carbon, Dissolved	-10.96%	7.50%	17.74%	34.02%	-28.27%	-14.14%	-32.54%	-40.91%	-1.43%	-7.14%	6.92%	9.09%
	Organic carbon, Total	-13.17%	0.00%	15.30%	18.18%	-29.70%	-5.56%	-23.90%	-6.67%	-4.78%	-12.79%	0.68%	6.06%
	Phosphorus as P, Dissolved	+263%	+250%	---	---	+263.42%	+250.00%	+186.92%	90.18%	-7.14%	-11.11%	-3.15%	22.22%
	Phosphorus as P, Total	+125%	+100%	+219%	+269%	92.89%	68.18%	-19.33%	-14.29%	**-34.10%**	-25.00%	**-35.61%**	-19.44%
	Phosphorus, orthophosphate as P	+369%	+553%	+531%	+795%	59.09%	31.91%	---	---	---	---	---	---

Notes

1: Bolded, orange values indicate statistically different inflow and outflow concentrations based on 95% confidence intervals.

2: If insufficient data were available to calculate the % removal, then --- is shown.

3: Catch basin inserts are not shown because effluent data were insufficient.

Results

The analysis performed under this task produced thousands of statistical measures that can be used to evaluate BMPs. These results will support the RAA, by supporting assumptions regarding effluent concentrations from some BMPs. The results are presented in formats that are designed to allow readers to focus on both absolute (inflow and outflow concentrations) and relative performance of BMPs (percent reductions) for individual constituents and groups of constituents. As mentioned previously, extensive appendices were generated and are available for web download. The results of the analysis are presented as follows:

- **Percent removal**: the results in Table 2-4 provide mean and median removal percentages for the BMPs and for each of the 22 POCs analyzed. The table can be used to evaluate relative performance across constituent and BMP categories.
- **Inflow and outfall concentrations for common POCs**: Shown in Table 6.C-5 thru Table 6.C-9 are comparisons of standard statistics for the five available BMP categories across each of the common POCs. The corresponding box plots in Figures 6.C-16 thru Figure 6.C-20 graphically represent the range of inflow versus outflow performance for the BMP categories.
- **Inflow and outflow concentrations for all 22 constituents**: Standard statistics, including significance testing of percent reductions, for all constituents are included in Section 0.
- **Performance statistics and box plots for all constituents**: Extensive summary statistics and box plots of BMP performance across the BMP categories are included in Section 0.

The presented box plots include whiskers that span from the 10th to 90th percentiles and display outliers, defined as values that are more than 1.5 times the inner quartile range beyond the median. These outliers are included in all the generated summary statistics. This approach is consistent with technical memorandums on the IBD website.

Table 6.D-5 Inflow/Outflow Summary Statistics for TSS (mg/l)

BMP Category	Number of BMP Sampling Locations		Number of Samples Analyzed		25th Percentile		Median (50th Percentile)		75th Percentile	
	Inflow	Outflow	Inflow	Outflow	Inflow	Outflow	Inflow	Outflow	Inflow	Outflow
Site Scale Detention	5	5	76	69	75	23	100	38	169	59
Bioswales	31	31	159	103	45.0	18.0	76.0	31.0	130	54
Catch Basin Inserts	0	6	---	88	---	20	---	37.5	---	71
Flow Through Treatment BMPs	13	13	230	218	8.875	2.875	39.5	7.00	89.25	22.25
Constructed Wetlands	1	1	13	14	140	3.50	230	11.0	255	13.5

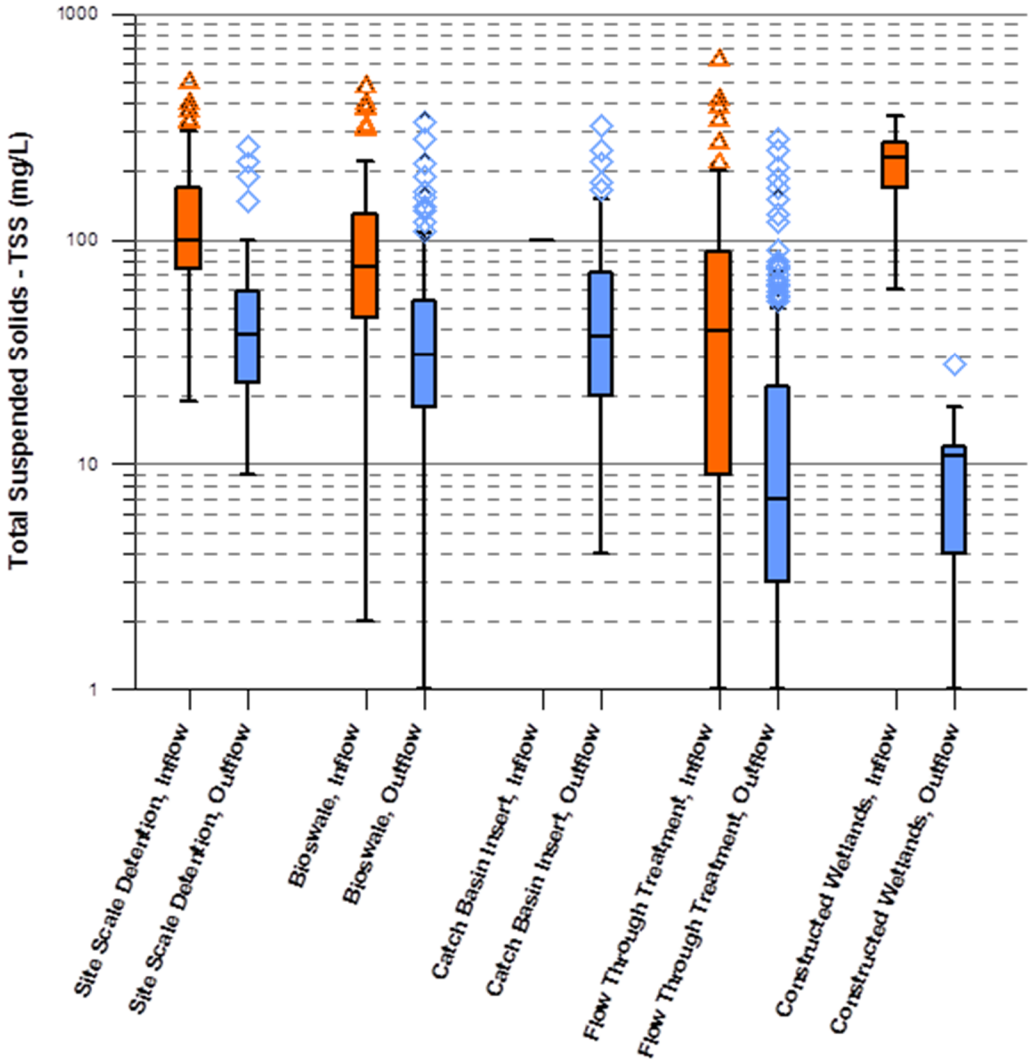

Figure 6.D-16 Box Plots of Inflow/Outflow TSS Concentrations in Southern California

Table 6.D-6 Inflow/Outflow Summary Statistics for Fecal Coliform (#/100mL)

BMP Category	Number of BMP Sampling Locations		Number of Samples Analyzed		25th Percentile		Median (50th Percentile)		75th Percentile	
	Inflow	Outflow	Inflow	Outflow	Inflow	Outflow	Inflow	Outflow	Inflow	Outflow
Site Scale Detention	9	9	34	30	300	475	600	850	1700	3075
Bioswales	8	8	33	19	500	130	5000	900	16500	5000
Catch Basin Inserts	0	6	---	---	---	---	---	---	---	---
Flow Through Treatment BMPs	11	11	172	152	300	7.47	900	77.1	3000	797
Constructed Wetlands	2	2	13	14	230	20.0	1300	95.0	3800	255

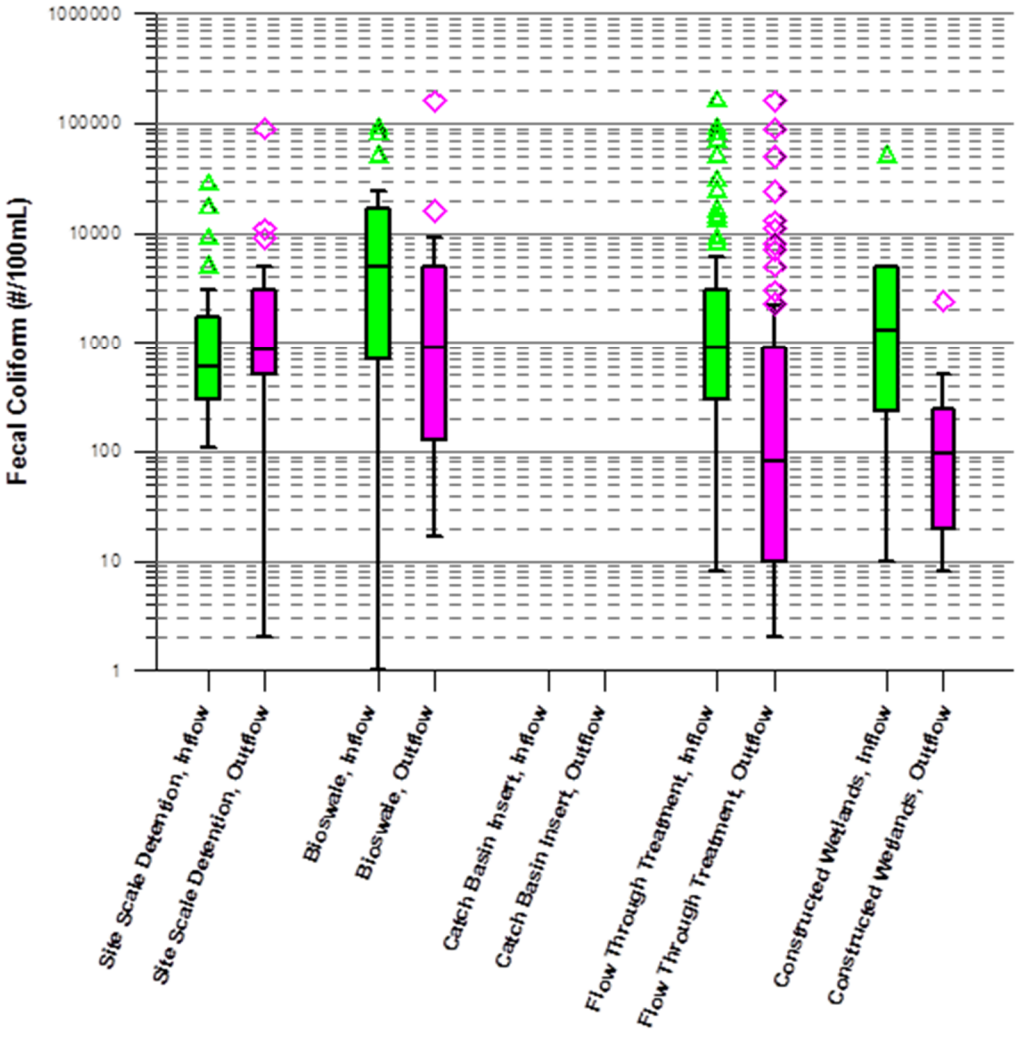

Figure 6.D-17 Box Plots of Inflow/Outflow Fecal Coliform Concentrations in Southern California

Table 6.D-7 Inflow/Outflow Summary Statistics for Copper (µg/l)

BMP Category	Number of BMP Sampling Locations		Number of Samples Analyzed		25th Percentile		Median (50th Percentile)		75th Percentile	
	Inflow	Outflow	Inflow	Outflow	Inflow	Outflow	Inflow	Outflow	Inflow	Outflow
Site Scale Detention	5	5	76	68	26.25	15.00	39.45	20.50	63.75	28.00
Bioswales	31	31	150	100	22.00	8.23	41.00	13.00	70.50	19.90
Catch Basin Inserts	0	6	---	88	---	5.95	---	13	---	22
Flow Through Treatment BMPs	11	11	150	146	11.98	6.20	18.00	11.00	33.00	21.25
Constructed Wetlands	2	2	21	22	11.15	5.55	62.00	8.80	110.00	14.75

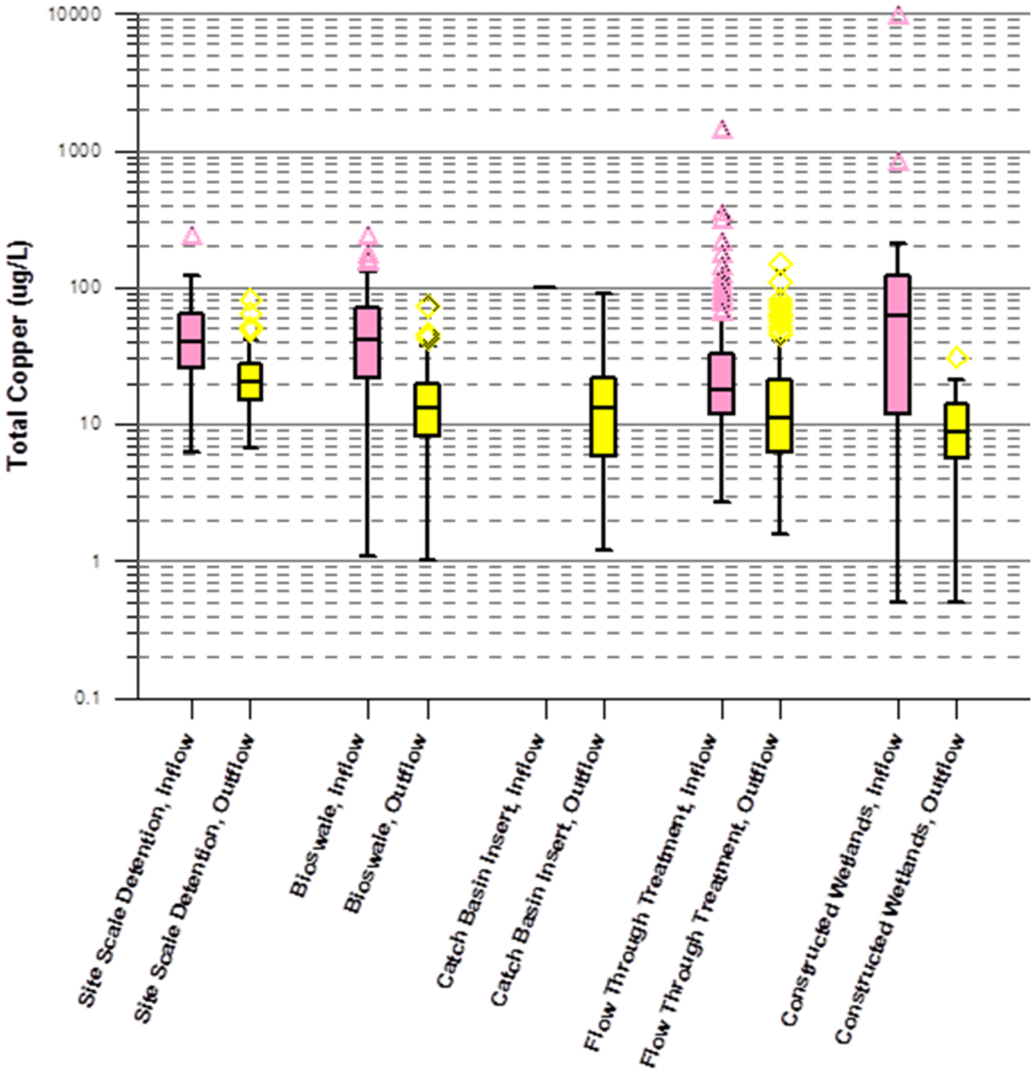

Figure 6.D-18Box Plots of Inflow/Outflow Copper Concentrations in Southern California

Table 6.D-8 Inflow/Outflow Summary Statistics for Lead (µg/l)

BMP Category	Number of BMP Sampling Locations		Number of Samples Analyzed		25th Percentile		Median (50th Percentile)		75th Percentile	
	Inflow	Outflow	Inflow	Outflow	Inflow	Outflow	Inflow	Outflow	Inflow	Outflow
Site Scale Detention	5	5	76	69	34.40	13.00	54.00	22.00	108.25	36.50
Bioswales	31	31	150	100	13.92	3.53	32.89	7.55	77.75	21.50
Catch Basin Inserts	0	6	---	88	---	2.3	---	6	---	12.45
Flow Through Treatment BMPs	11	11	149	146	6.50	1.00	13.00	3.10	25.50	7.10
Constructed Wetlands	2	2	21	22	3.32	2.70	170.00	4.40	315.00	8.32

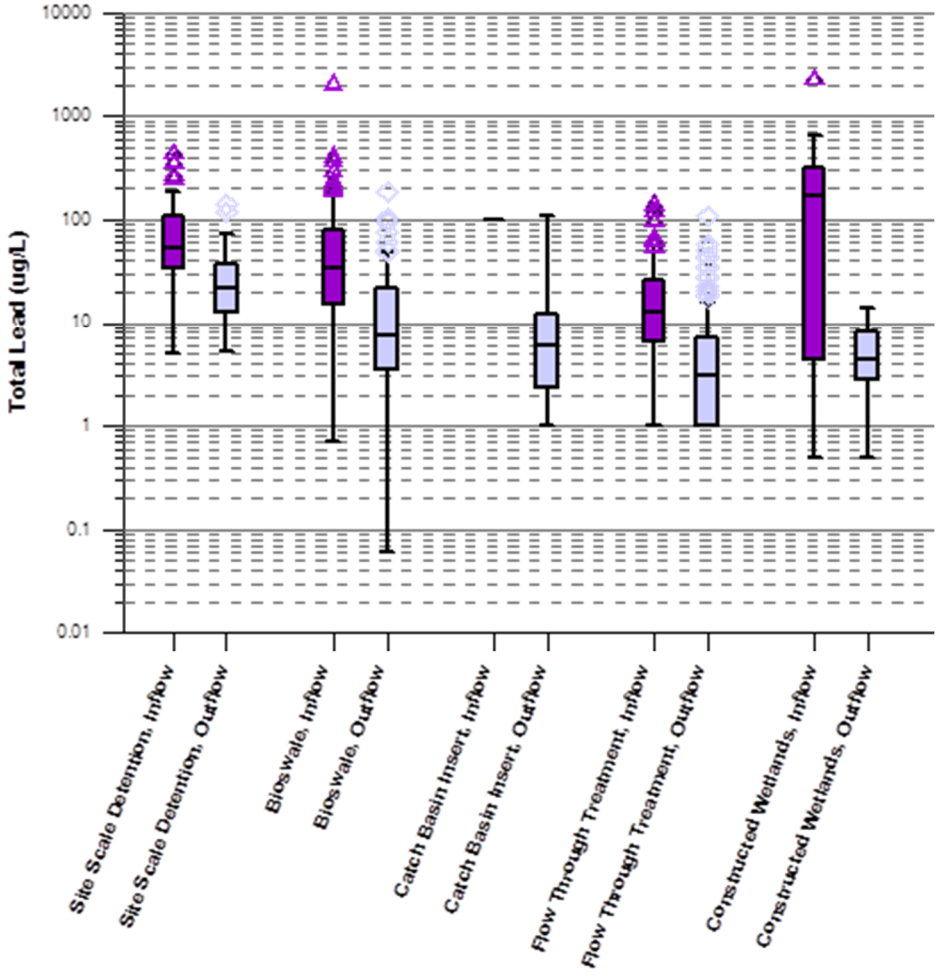

Figure 6.D-19 Box Plots of Inflow/Outflow Lead Concentrations in Southern California

Table 6.D-9 Inflow/Outflow Summary Statistics for Zinc (µg/l)

BMP Category	Number of BMP Sampling Locations		Number of Samples Analyzed		25th Percentile		Median (50th Percentile)		75th Percentile	
	Inflow	Outflow	Inflow	Outflow	Inflow	Outflow	Inflow	Outflow	Inflow	Outflow
Site Scale Detention	5	5	76	68	152.75	68.25	280.00	99.00	504.75	150.00
Bioswales	31	31	150	100	110	29.5	228	55.5	360	82.5
Catch Basin Inserts	0	6	---	88	---	50.5	---	107	---	220
Flow Through Treatment BMPs	11	11	150	146	110	23.00	221	55.5	400	131
Constructed Wetlands	2	2	21	22	109.00	28.53	270.00	39.00	450.00	84.35

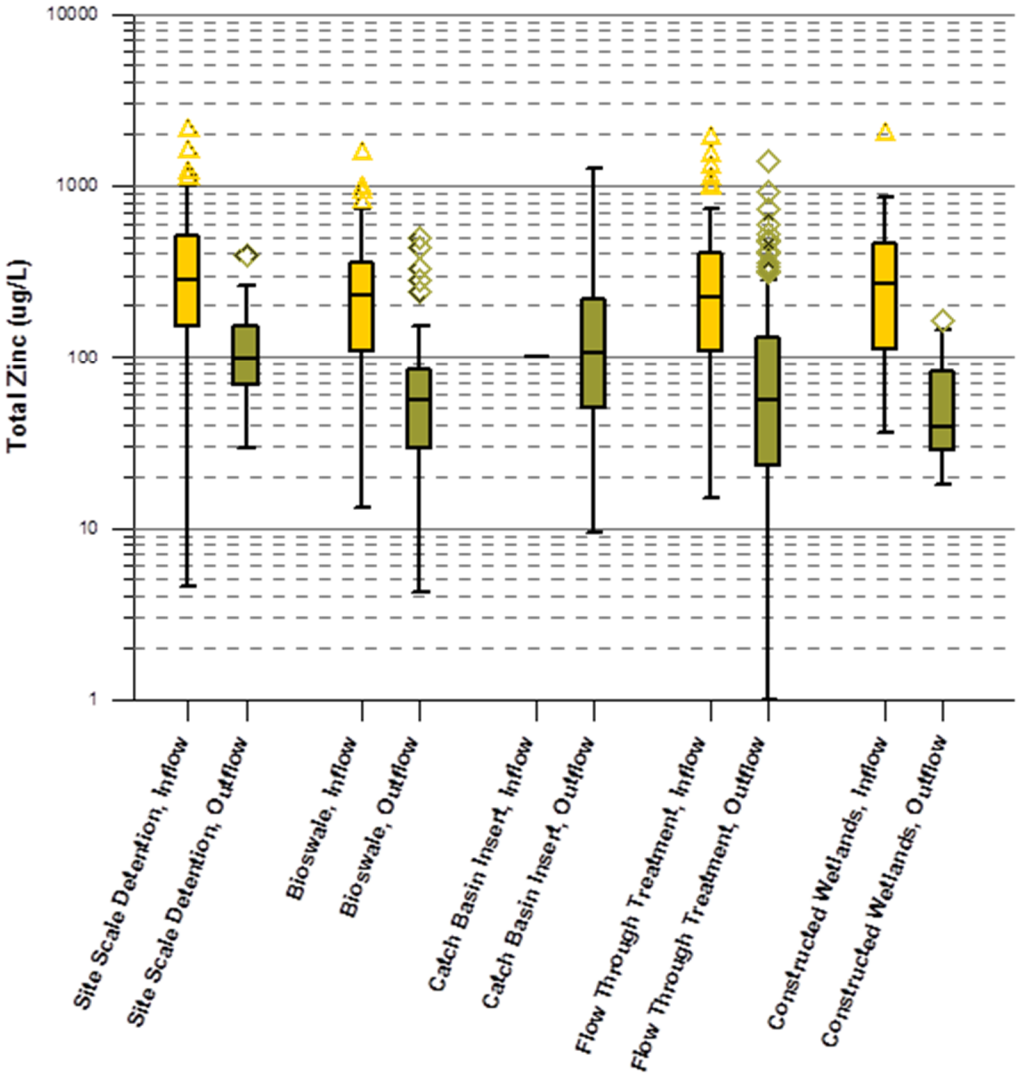

Figure 6.D-20 Box Plots of Inflow/Outflow Lead Concentrations in Southern California

Discussion and Observations regarding BMP Performance

The statistical analysis presented herein has many applications, including supporting the RAA for the EWMP. As future applications are undertaken, the results can be analyzed in more detail. For this Work Plan, several general observations are highlighted, as follows:

- **Comparison of outflow quality among BMPs**: the constructed wetland (n = 2) and flow through treatment BMPs (n = 31) generally exhibited the highest quality effluent. Reductions of TSS were generally higher compared to other BMPs and concentrations of TSS in outflows were generally lower (see Table 6.D-5 and Figure 6.D-16). Elevated performance is also apparent for other constituents. The constructed wetlands exhibited exceptional reductions (>84 percent) of total copper, lead, and zinc. Constituents were likely reduced in the constructed wetlands by means of sedimentation, chemical and biological conversions, and uptake. The flow through treatment BMPs in the dataset were mostly Caltrans BMPs including media filters and proprietary cartridge filters with a range of sand/peat and sand/gravel mixes.

- **BMP performance for individual constituents**: among the constituents analyzed, the percent removals were often the highest for total metals, especially lead and zinc (Tables 6.D-8 and 6.D-9). The poorest performance was often for nutrients, with phosphorous concentrations increasing in some cases (likely due to leaching). For bacteria, only the constructed wetlands and flow through treatment BMPs were able to generate outflows with median fecal coliform concentrations less than 235 most probable number (MPN) per 100mL (which is an applicable Permit limitation if fecal coliform is assumed equivalent to *Escherichia coli* [*E. coli*]) (see Table 6.D-6 and Figure 6.D-17).

- **Application of the data herein for the RAA effort**: in general, the majority of pollutant removal associated with potential stormwater BMPs in the RAA will be due to volume reduction (infiltration). SUSTAIN, which will be used for the RAA, is process-based and thus is able to estimate volume reduction and the proportion of inflow that is infiltrated, treated, and overflowed. Because the model is dynamic, these proportions change from storm to storm (i.e., overflows are less frequent during small storms than large storms). SUSTAIN also simulated first order decay of pollutants per the parameters listed in the Guidelines for Conducting Reasonable Assurance Analysis in a Watershed Management Program, Including an Enhanced Watershed Management Program (Nguyen et al., 2014).

For the subset of BMPs with a treatment component, some assumptions were needed regarding the quality of treated and discharged outflow (e.g., biofiltration BMPs, which have an underdrain). The analysis herein support those assumptions. It is noted that SUSTAIN does not provide a mechanism to apply effluent concentrations, so the median concentration reduction rates reported in Table 6.D-3 were applied to underdrain effluent (acknowledging the limitations of this metric discussed in Section 0).

Detailed Results

A detailed summary of BMP influent and effluent statistics for all 23 analyzed constituents, as well as detailed performance metrics for all BMP categories can be found in the *Summary of Existing and Potential Control Measures for the Ballona Creek Watershed* (Black & Veatch Team 2013).

References

Black & Veatch Team (December 2014). Technical Memorandum: RAA Memo #3: Initial Scenario of BMP Capacities for Each Jurisdiction to Achieve Final Wet Weather Permit Limitations. Submitted to Ballona Creek EWMP Group.

Black & Veatch Team (December 2013). Technical Memorandum: Summary of Existing and Potential Control Measures for the Ballona Creek Watershed. Submitted to Ballona Creek Watershed Management Group.

Los Angeles River Upper Reach 2 Watershed Management Area Cities (City of Bell, City of Bell Gardens, City of Cudahy, City of Maywood, Los Angeles Flood Control District). 2014. Los Angeles River Upper Reach 2 Watershed Management Area Watershed Management Program (WMP) Plan DRAFT. Prepared for the Los Angeles Gateway Region Integrated Regional Water Management Authority.

Appendix 6.E
Green Streets Results Synthesis and List of Opportunities

Appendix 6.E
Green Streets Results Synthesis and List of Opportunities

This appendix discusses the RAA results relevant to green infrastructure (specifically green streets), which comprises a substantial portion of the prescribed control measure capacity and cost in the EWMP.

Table 6.E-1 tabulates the average green street retrofit rates per jurisdiction that are prescribed by the EWMP, as informed by the RAA. Figure 6.E-1 nd Figure 6.E-2 provide further resolution by showing the spatial distribution of retrofit rates (e.g. green street density relative to the available opportunities).

Table 6.E-1. Green Street Retrofit Rates by Jurisdiction

Jurisdiction	Total Acre-Feet of Green Street BMPs (% of volume opportunity utilized)	*Approximate* Miles of Green Street BMPs (% of suitable frontage retrofitted) [1]
Beverly Hills	39.1 (42%)	63 (29%)
City of Los Angeles	277.8 (16%)	417 (15%)
Culver City	19.5 (26%)	31 (21%)
Inglewood	7.3 (17%)	12 (12%)
Santa Monica	1.7 (40%)	3 (28%)
Unincorporated LA County	7.3 (16%)	12 (12%)
West Hollywood	5.3 (16%)	9 (15%)

[1] Tabulated values are conceptual based on BMP lengths (not retrofitted street lengths) and assume bioretention and permeable pavement lengths are installed in tandem per the assumptions in Appendix 6.D. Note that EWMP compliance is based on the volumes reported in Appendix 7.A, *not* the conceptual length approximations.

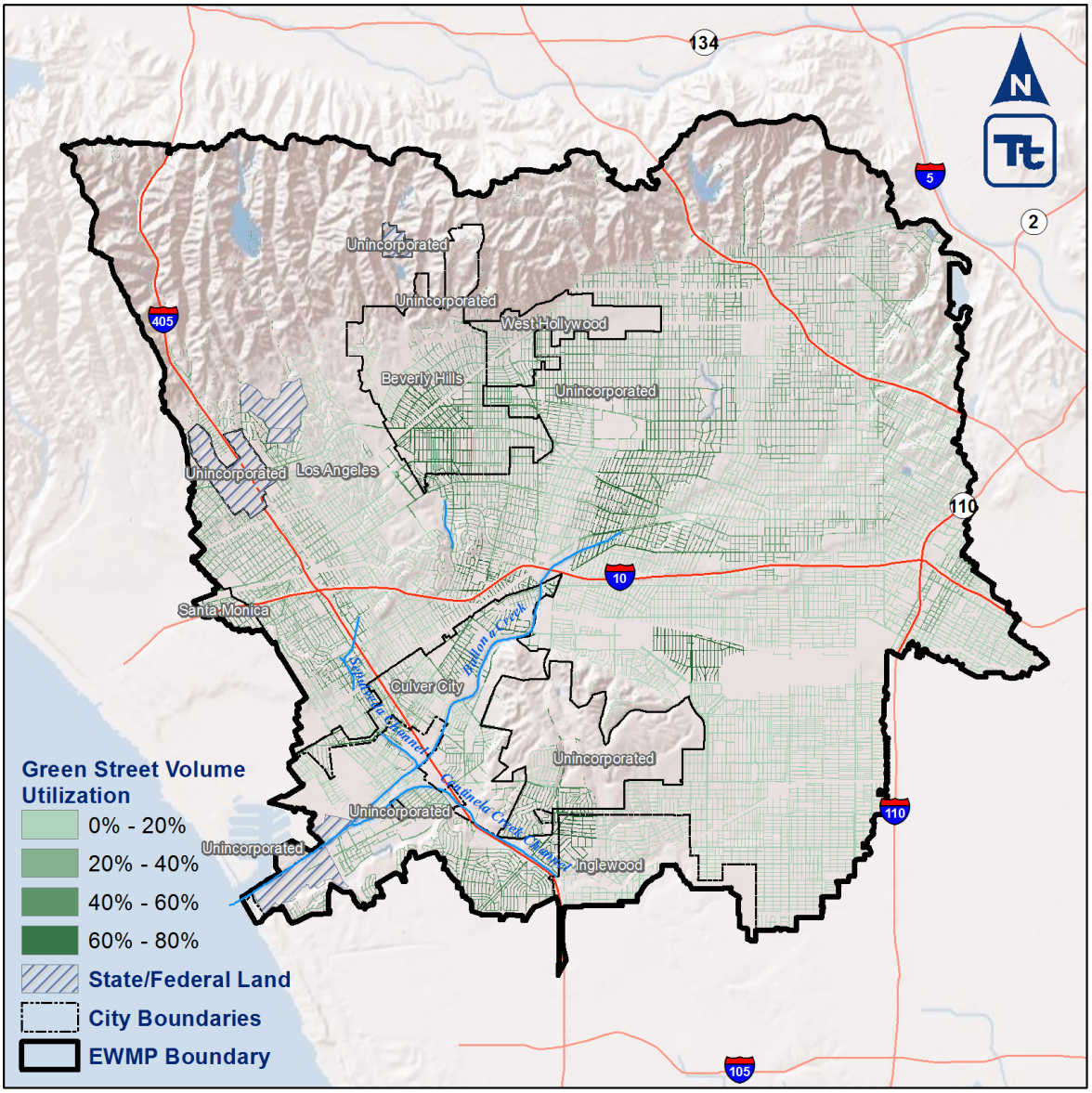

Figure 6.E-2. Model Output Green Street Utilization Per Subwatershed (Overlain on Screened Streets), Relative to Modeled Available Capacities

Table 6.E-2tabulates the data in **Error! Reference source not found.**, and **Error! Reference source not found.** lists all screened street opportunities that were considered in the RAA.

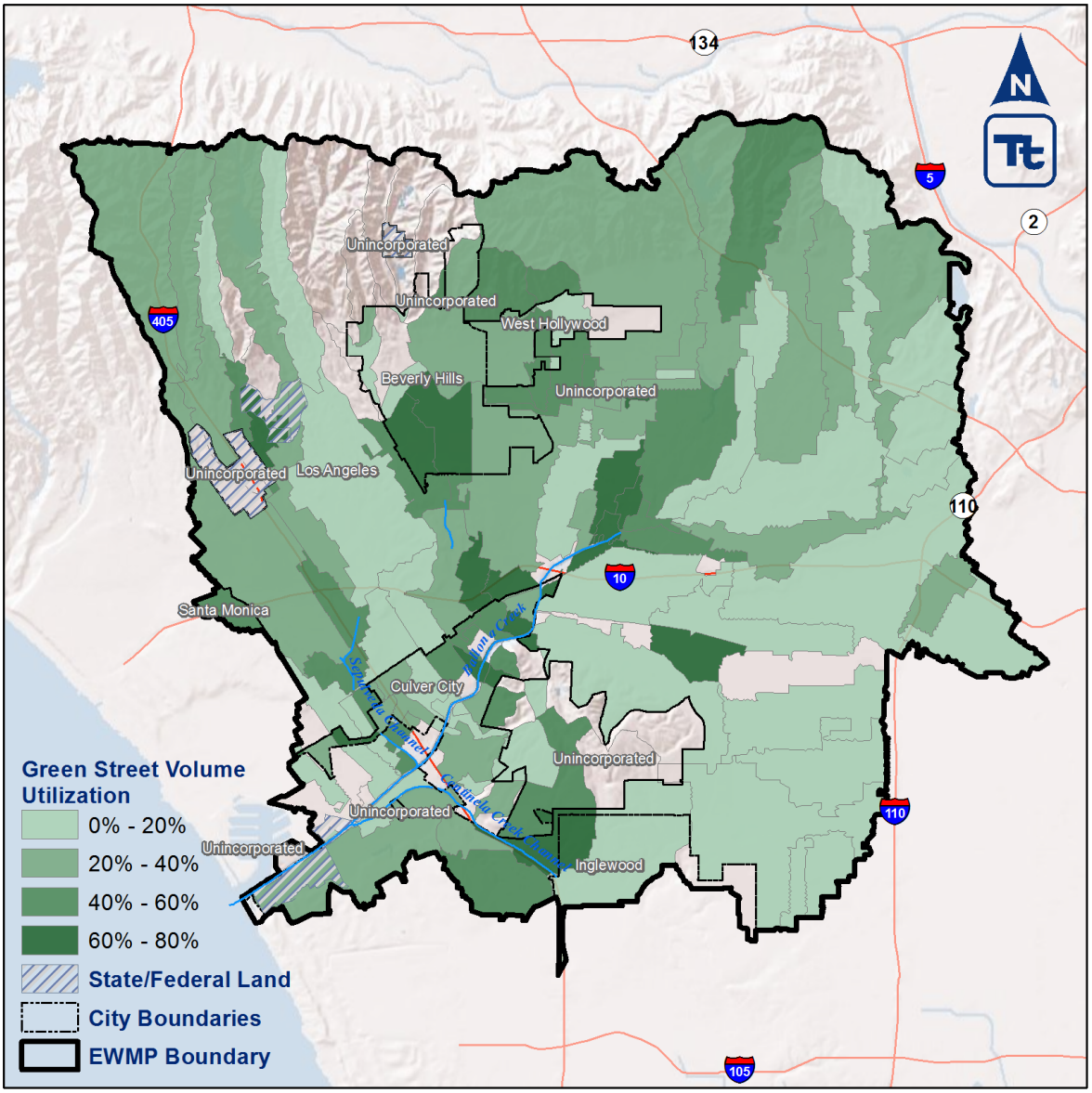

Figure 6.E-1. Model Output Green Street Utilization Per Subwatershed, Relative to Modeled Available Capacities

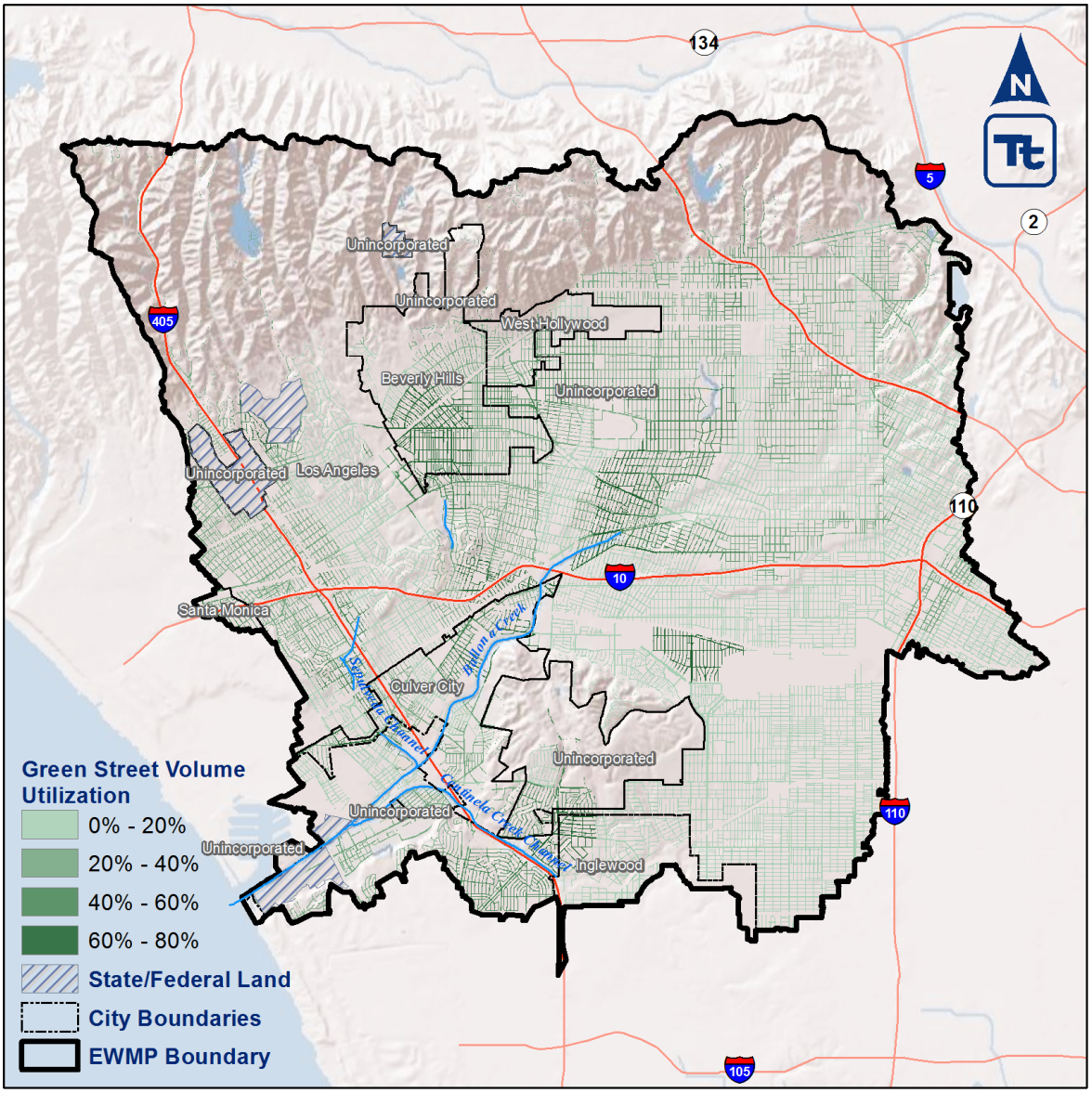

Figure 6.E-2. Model Output Green Street Utilization Per Subwatershed (Overlain on Screened Streets), Relative to Modeled Available Capacities

Table 6.E-2. Green Street Retrofit Rates by Subwatershed, Relative to Modeled Available Capacities

Jurisdiction	Subwatershed	EWMP Green Street Utilization (Percentage of Total Volume Prescribed)
Beverly Hills	105011	68%
Beverly Hills	105111	61%
Beverly Hills	105211	0%
Beverly Hills	105311	19%
Beverly Hills	105411	14%
Beverly Hills	105511	0%
Beverly Hills	105611	32%
Beverly Hills	105711	0%
Beverly Hills	105811	4%
Beverly Hills	105911	0%
Beverly Hills	106011	0%
Beverly Hills	108411	36%
Beverly Hills	108811	53%
Beverly Hills	109011	31%
Beverly Hills	109111	26%
Culver City	100422	61%
Culver City	100722	0%
Culver City	100922	1%
Culver City	101022	0%
Culver City	101122	6%
Culver City	101222	25%
Culver City	101322	66%
Culver City	101422	19%
Culver City	101522	31%
Culver City	101622	0%
Culver City	101722	60%
Culver City	101822	68%
Culver City	101922	5%
Culver City	102022	22%
Culver City	102122	10%
Culver City	102222	44%
Culver City	102322	0%
Culver City	102422	25%
Culver City	102522	1%
Culver City	102622	0%
Culver City	102722	29%
Culver City	102822	0%
Culver City	103122	28%
Culver City	104622	64%
Culver City	104722	0%

Jurisdiction	Subwatershed	EWMP Green Street Utilization (Percentage of Total Volume Prescribed)
Culver City	104822	50%
Culver City	104922	46%
Culver City	106122	71%
Culver City	106222	52%
Culver City	106322	0%
Culver City	106422	37%
Culver City	106522	60%
Culver City	106722	17%
Culver City	106822	0%
Culver City	106922	0%
Culver City	108322	36%
Culver City	109322	0%
Culver City	117522	0%
Inglewood	102837	68%
Inglewood	102937	0%
Inglewood	103037	10%
Inglewood	108037	0%
Los Angeles	100149	0%
Los Angeles	100449	6%
Los Angeles	100549	1%
Los Angeles	100649	0%
Los Angeles	100749	0%
Los Angeles	100849	0%
Los Angeles	100949	0%
Los Angeles	101049	0%
Los Angeles	101249	0%
Los Angeles	101349	19%
Los Angeles	101449	0%
Los Angeles	101849	19%
Los Angeles	101949	0%
Los Angeles	102049	9%
Los Angeles	102149	0%
Los Angeles	102249	14%
Los Angeles	102349	0%
Los Angeles	102449	0%
Los Angeles	102649	31%
Los Angeles	102849	71%
Los Angeles	102949	52%
Los Angeles	103049	3%
Los Angeles	103149	56%
Los Angeles	103249	24%

Jurisdiction	Subwatershed	EWMP Green Street Utilization (Percentage of Total Volume Prescribed)
Los Angeles	103349	40%
Los Angeles	103449	0%
Los Angeles	103549	0%
Los Angeles	103649	31%
Los Angeles	103749	33%
Los Angeles	103849	39%
Los Angeles	103949	39%
Los Angeles	104049	42%
Los Angeles	104149	11%
Los Angeles	104249	0%
Los Angeles	104349	71%
Los Angeles	104449	26%
Los Angeles	104549	0%
Los Angeles	104949	31%
Los Angeles	105049	55%
Los Angeles	105149	56%
Los Angeles	105249	0%
Los Angeles	105349	0%
Los Angeles	105449	0%
Los Angeles	105549	0%
Los Angeles	105649	0%
Los Angeles	105749	0%
Los Angeles	105849	0%
Los Angeles	105949	0%
Los Angeles	106049	0%
Los Angeles	106149	0%
Los Angeles	106249	69%
Los Angeles	106349	68%
Los Angeles	106449	0%
Los Angeles	106649	0%
Los Angeles	106749	0%
Los Angeles	106949	67%
Los Angeles	107049	0%
Los Angeles	107149	9%
Los Angeles	107249	0%
Los Angeles	107349	2%
Los Angeles	107449	22%
Los Angeles	107549	9%
Los Angeles	107649	66%
Los Angeles	107749	0%
Los Angeles	107849	0%

Jurisdiction	Subwatershed	EWMP Green Street Utilization (Percentage of Total Volume Prescribed)
Los Angeles	107949	0%
Los Angeles	108049	0%
Los Angeles	108149	11%
Los Angeles	108249	15%
Los Angeles	108349	70%
Los Angeles	108449	39%
Los Angeles	108549	56%
Los Angeles	108649	3%
Los Angeles	108749	62%
Los Angeles	108849	26%
Los Angeles	108949	11%
Los Angeles	109049	50%
Los Angeles	109149	49%
Los Angeles	109249	53%
Los Angeles	109349	0%
Los Angeles	109449	0%
Los Angeles	109549	65%
Los Angeles	109649	34%
Los Angeles	109749	62%
Los Angeles	109849	66%
Los Angeles	109949	47%
Los Angeles	110049	56%
Los Angeles	110149	12%
Los Angeles	110249	57%
Los Angeles	110349	28%
Los Angeles	110449	50%
Los Angeles	110549	38%
Los Angeles	110649	9%
Los Angeles	110749	21%
Los Angeles	110849	24%
Los Angeles	110949	10%
Los Angeles	111049	0%
Los Angeles	111149	0%
Los Angeles	111249	24%
Los Angeles	111349	21%
Los Angeles	111449	18%
Los Angeles	117549	36%
Santa Monica	101875	0%
Santa Monica	103275	40%
Unincorporated	100183	0%
Unincorporated	100383	0%

Jurisdiction	Subwatershed	EWMP Green Street Utilization (Percentage of Total Volume Prescribed)
Unincorporated	100583	0%
Unincorporated	100683	1%
Unincorporated	101483	0%
Unincorporated	101583	59%
Unincorporated	101783	0%
Unincorporated	102383	28%
Unincorporated	102583	4%
Unincorporated	102783	4%
Unincorporated	102883	54%
Unincorporated	103083	0%
Unincorporated	103283	0%
Unincorporated	103683	0%
Unincorporated	103783	0%
Unincorporated	104083	0%
Unincorporated	104383	0%
Unincorporated	105883	0%
Unincorporated	106083	0%
Unincorporated	106783	0%
Unincorporated	106983	1%
Unincorporated	108083	0%
Unincorporated	108183	0%
Unincorporated	108883	0%
Unincorporated	109183	0%
Unincorporated	117583	24%
West Hollywood	108887	0%
West Hollywood	109087	7%
West Hollywood	109187	20%
West Hollywood	109287	45%

Table 6.E-3 Screened Green Street Opportunities Considered in the EWMP

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
105011	Beverly Hills	(unknown)	Bioretention (No Underdrain)	50,609
105011	Beverly Hills	Alden Dr	Bioretention (No Underdrain)	686
105011	Beverly Hills	Alpine Dr	Bioretention (No Underdrain)	1,086
105011	Beverly Hills	Beverly Blvd	Bioretention (No Underdrain)	338
105011	Beverly Hills	Beverwil Dr	Bioretention (No Underdrain)	949
105011	Beverly Hills	Brighton Way	Bioretention (No Underdrain)	2,294
105011	Beverly Hills	Burton Way	Bioretention (No Underdrain)	3,077
105011	Beverly Hills	Carmelita Ave	Bioretention (No Underdrain)	1,894
105011	Beverly Hills	Charleville Blvd	Bioretention (No Underdrain)	2,995
105011	Beverly Hills	Civic Center Dr	Bioretention (No Underdrain)	819
105011	Beverly Hills	Clifton Way	Bioretention (No Underdrain)	1,558
105011	Beverly Hills	Commercial Center St	Bioretention (No Underdrain)	169
105011	Beverly Hills	Dayton Way	Bioretention (No Underdrain)	3,205

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
105011	Beverly Hills	Edris Dr	Bioretention (No Underdrain)	0
105011	Beverly Hills	el Camino Dr	Bioretention (No Underdrain)	3,643
105011	Beverly Hills	Elevado Ave	Bioretention (No Underdrain)	2,263
105011	Beverly Hills	Foothill Rd	Bioretention (No Underdrain)	2,462
105011	Beverly Hills	Gregory Way	Bioretention (No Underdrain)	2,979
105011	Beverly Hills	N Alpine Dr	Bioretention (No Underdrain)	467
105011	Beverly Hills	N Bedford Dr	Bioretention (No Underdrain)	1,934
105011	Beverly Hills	N Beverly Dr	Bioretention (No Underdrain)	4,565
105011	Beverly Hills	N Camden Dr	Bioretention (No Underdrain)	2,492
105011	Beverly Hills	N Canon Dr	Bioretention (No Underdrain)	4,974
105011	Beverly Hills	N Crescent Dr	Bioretention (No Underdrain)	5,283
105011	Beverly Hills	N Elm Dr	Bioretention (No Underdrain)	1,471
105011	Beverly Hills	N Foothill Rd	Bioretention (No Underdrain)	2,462
105011	Beverly Hills	N Maple Dr	Bioretention (No Underdrain)	6
105011	Beverly Hills	N Rexford Dr	Bioretention (No Underdrain)	3,098
105011	Beverly Hills	N Rodeo Dr	Bioretention (No Underdrain)	3,827
105011	Beverly Hills	N Roxbury Dr	Bioretention (No Underdrain)	3
105011	Beverly Hills	Park Way	Bioretention (No Underdrain)	1,203
105011	Beverly Hills	Peck Dr	Bioretention (No Underdrain)	3,022
105011	Beverly Hills	Reeves Dr	Bioretention (No Underdrain)	2,754
105011	Beverly Hills	S Beverly Dr	Bioretention (No Underdrain)	4,132
105011	Beverly Hills	S Beverwil Dr	Bioretention (No Underdrain)	926
105011	Beverly Hills	S Camden Dr	Bioretention (No Underdrain)	3,671
105011	Beverly Hills	S Canon Dr	Bioretention (No Underdrain)	3,452
105011	Beverly Hills	S Crescent Dr	Bioretention (No Underdrain)	3,633
105011	Beverly Hills	S el Camino Dr	Bioretention (No Underdrain)	3,643
105011	Beverly Hills	S Elm Dr	Bioretention (No Underdrain)	3,624
105011	Beverly Hills	S Peck Dr	Bioretention (No Underdrain)	3,022
105011	Beverly Hills	S Reeves Dr	Bioretention (No Underdrain)	2,754
105011	Beverly Hills	S Rexford Dr	Bioretention (No Underdrain)	3,625
105011	Beverly Hills	S Rodeo Dr	Bioretention (No Underdrain)	3,716
105011	Beverly Hills	Santa Monica Blvd	Bioretention (No Underdrain)	2,971
105011	Beverly Hills	Smithwood Dr	Bioretention (No Underdrain)	568
105011	Beverly Hills	Un-Named St	Bioretention (No Underdrain)	314
105011	Beverly Hills	Via Rodeo Dr	Bioretention (No Underdrain)	310
105011	Beverly Hills	Virginia Pl	Bioretention (No Underdrain)	497
105011	Beverly Hills	W 3rd St	Bioretention (No Underdrain)	1,444
105011	Beverly Hills	W Olympic Blvd	Bioretention (No Underdrain)	2,991
105011	Beverly Hills	Whitworth Dr	Bioretention (No Underdrain)	334
105011	Beverly Hills	Wilshire Blvd	Bioretention (No Underdrain)	3,054
105111	Beverly Hills	(unknown)	Bioretention (No Underdrain)	30,005
105111	Beverly Hills	Beverly Green Dr	Bioretention (No Underdrain)	123
105111	Beverly Hills	Brighton Way	Bioretention (No Underdrain)	124
105111	Beverly Hills	Carmelita Ave	Bioretention (No Underdrain)	2,595
105111	Beverly Hills	Charleville Blvd	Bioretention (No Underdrain)	2,550
105111	Beverly Hills	Daniels Dr	Bioretention (No Underdrain)	185
105111	Beverly Hills	Durant Dr	Bioretention (No Underdrain)	1,356
105111	Beverly Hills	Elevado Ave	Bioretention (No Underdrain)	2,733
105111	Beverly Hills	Gregory Way	Bioretention (No Underdrain)	1,643
105111	Beverly Hills	Heath Ave	Bioretention (No Underdrain)	2,339
105111	Beverly Hills	Hillgreen Dr	Bioretention (No Underdrain)	1,475
105111	Beverly Hills	Hillgreen Pl	Bioretention (No Underdrain)	402
105111	Beverly Hills	Lasky Dr	Bioretention (No Underdrain)	1,779
105111	Beverly Hills	McCarty Dr	Bioretention (No Underdrain)	2,680
105111	Beverly Hills	Moreno Dr	Bioretention (No Underdrain)	1,861

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
105111	Beverly Hills	N Bedford Dr	Bioretention (No Underdrain)	1,334
105111	Beverly Hills	N Camden Dr	Bioretention (No Underdrain)	1,165
105111	Beverly Hills	N Linden Dr	Bioretention (No Underdrain)	2,296
105111	Beverly Hills	N Roxbury Dr	Bioretention (No Underdrain)	2,759
105111	Beverly Hills	N Whittier Dr	Bioretention (No Underdrain)	964
105111	Beverly Hills	Peck Dr	Bioretention (No Underdrain)	659
105111	Beverly Hills	Robbins Dr	Bioretention (No Underdrain)	827
105111	Beverly Hills	S Bedford Dr	Bioretention (No Underdrain)	3,625
105111	Beverly Hills	S Lasky Dr	Bioretention (No Underdrain)	1,779
105111	Beverly Hills	S Linden Dr	Bioretention (No Underdrain)	2,683
105111	Beverly Hills	S McCarty Dr	Bioretention (No Underdrain)	2,680
105111	Beverly Hills	S Moreno Dr	Bioretention (No Underdrain)	1,861
105111	Beverly Hills	S Peck Dr	Bioretention (No Underdrain)	598
105111	Beverly Hills	S Roxbury Dr	Bioretention (No Underdrain)	3,627
105111	Beverly Hills	S Spalding Dr	Bioretention (No Underdrain)	4,361
105111	Beverly Hills	Santa Monica Blvd	Bioretention (No Underdrain)	2,631
105111	Beverly Hills	Shirley Pl	Bioretention (No Underdrain)	353
105111	Beverly Hills	Spalding Dirve	Bioretention (No Underdrain)	4,361
105111	Beverly Hills	Trenton Dr	Bioretention (No Underdrain)	1,342
105111	Beverly Hills	Virginia Pl	Bioretention (No Underdrain)	217
105111	Beverly Hills	W Olympic Blvd	Bioretention (No Underdrain)	2,817
105111	Beverly Hills	Walden Dr	Bioretention (No Underdrain)	1,738
105111	Beverly Hills	Whittier Dr	Bioretention (No Underdrain)	964
105111	Beverly Hills	Wilshire Blvd	Bioretention (No Underdrain)	3,474
105111	Beverly Hills	Young Dr	Bioretention (No Underdrain)	423
105211	Beverly Hills	Copley Pl	Bioretention (No Underdrain)	350
105311	Beverly Hills	(unknown)	Bioretention (No Underdrain)	11,539
105311	Beverly Hills	Benedict Canon	Bioretention (No Underdrain)	101
105311	Beverly Hills	Benedict Canyon Dr	Bioretention (No Underdrain)	101
105311	Beverly Hills	Elevado Ave	Bioretention (No Underdrain)	261
105311	Beverly Hills	Lomitas Ave	Bioretention (No Underdrain)	4,933
105311	Beverly Hills	N Bedford Dr	Bioretention (No Underdrain)	1,336
105311	Beverly Hills	N Beverly Dr	Bioretention (No Underdrain)	1,288
105311	Beverly Hills	N Camden Dr	Bioretention (No Underdrain)	1,464
105311	Beverly Hills	N Canon Dr	Bioretention (No Underdrain)	1,168
105311	Beverly Hills	N Crescent Dr	Bioretention (No Underdrain)	1,108
105311	Beverly Hills	N Linden Dr	Bioretention (No Underdrain)	1,149
105311	Beverly Hills	N Rexford Dr	Bioretention (No Underdrain)	1,063
105311	Beverly Hills	N Rodeo Dr	Bioretention (No Underdrain)	1,376
105311	Beverly Hills	N Roxbury Dr	Bioretention (No Underdrain)	1,277
105311	Beverly Hills	N Whittier Dr	Bioretention (No Underdrain)	1,001
105311	Beverly Hills	Trenton Dr	Bioretention (No Underdrain)	174
105311	Beverly Hills	Walden Dr	Bioretention (No Underdrain)	1,062
105311	Beverly Hills	Whittier Dr	Bioretention (No Underdrain)	1,001
105411	Beverly Hills	(unknown)	Bioretention (No Underdrain)	3,590
105411	Beverly Hills	Angelo Dr	Bioretention (No Underdrain)	1,272
105411	Beverly Hills	Benedict Canon	Bioretention (No Underdrain)	1,268
105411	Beverly Hills	Benedict Canon Dr	Bioretention (No Underdrain)	285
105411	Beverly Hills	Benedict Canyon Dr	Bioretention (No Underdrain)	1,553
105411	Beverly Hills	Bridle Ln	Bioretention (No Underdrain)	539
105411	Beverly Hills	Chevy Chase Dr	Bioretention (No Underdrain)	1,216
105411	Beverly Hills	Copley Dr	Bioretention (No Underdrain)	79
105411	Beverly Hills	Copley Pl	Bioretention (No Underdrain)	152
105411	Beverly Hills	Cove Way	Bioretention (No Underdrain)	1,258
105411	Beverly Hills	Della Dr	Bioretention (No Underdrain)	72

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
105411	Beverly Hills	Green Acres Dr	Bioretention (No Underdrain)	115
105411	Beverly Hills	Greenacres Dr	Bioretention (No Underdrain)	115
105411	Beverly Hills	Greenway Dr	Bioretention (No Underdrain)	1,452
105411	Beverly Hills	Hanover Dr	Bioretention (No Underdrain)	358
105411	Beverly Hills	Hartford Way	Bioretention (No Underdrain)	1,902
105411	Beverly Hills	Ladera Dr	Bioretention (No Underdrain)	74
105411	Beverly Hills	Lexington Rd	Bioretention (No Underdrain)	297
105411	Beverly Hills	N Angelo Dr	Bioretention (No Underdrain)	378
105411	Beverly Hills	N Whittier Dr	Bioretention (No Underdrain)	2,895
105411	Beverly Hills	Pamela Dr	Bioretention (No Underdrain)	328
105411	Beverly Hills	Ridgedale Dr	Bioretention (No Underdrain)	1,039
105411	Beverly Hills	Summit Dr	Bioretention (No Underdrain)	1,069
105411	Beverly Hills	Tower Rd	Bioretention (No Underdrain)	35
105411	Beverly Hills	Walden Dr	Bioretention (No Underdrain)	187
105411	Beverly Hills	Whittier Dr	Bioretention (No Underdrain)	2,895
105511	Beverly Hills	Benedict Canon	Bioretention (No Underdrain)	705
105511	Beverly Hills	Benedict Canon Dr	Bioretention (No Underdrain)	1,181
105511	Beverly Hills	Benedict Canyon Dr	Bioretention (No Underdrain)	476
105511	Beverly Hills	Green Acres Dr	Bioretention (No Underdrain)	312
105511	Beverly Hills	Greenacres Dr	Bioretention (No Underdrain)	312
105511	Beverly Hills	Leona Dr	Bioretention (No Underdrain)	179
105511	Beverly Hills	Tropical Ave	Bioretention (No Underdrain)	259
105611	Beverly Hills	Ambassador Ave	Bioretention (No Underdrain)	528
105611	Beverly Hills	Benedict Canon Dr	Bioretention (No Underdrain)	532
105611	Beverly Hills	Benedict Canyon Dr	Bioretention (No Underdrain)	532
105611	Beverly Hills	N Tower Rd	Bioretention (No Underdrain)	1,085
105611	Beverly Hills	Pickfair Way	Bioretention (No Underdrain)	166
105611	Beverly Hills	San Ysidro Dr	Bioretention (No Underdrain)	1,068
105611	Beverly Hills	Tower Rd	Bioretention (No Underdrain)	1,668
105611	Beverly Hills	Tropical Ave	Bioretention (No Underdrain)	71
105711	Beverly Hills	(unknown)	Bioretention (No Underdrain)	8,483
105711	Beverly Hills	Benedict Canon	Bioretention (No Underdrain)	2,074
105711	Beverly Hills	Benedict Canyon Dr	Bioretention (No Underdrain)	2,074
105711	Beverly Hills	Carolyn Way	Bioretention (No Underdrain)	355
105711	Beverly Hills	Chanruss Pl	Bioretention (No Underdrain)	30
105711	Beverly Hills	Elden Way	Bioretention (No Underdrain)	427
105711	Beverly Hills	Garden Ln	Bioretention (No Underdrain)	175
105711	Beverly Hills	Glen Way	Bioretention (No Underdrain)	884
105711	Beverly Hills	Hartford Way	Bioretention (No Underdrain)	1,649
105711	Beverly Hills	Laurel Ln	Bioretention (No Underdrain)	43
105711	Beverly Hills	Laurel Way	Bioretention (No Underdrain)	1,835
105711	Beverly Hills	Lexington Rd	Bioretention (No Underdrain)	3,613
105711	Beverly Hills	Marilyn Dr	Bioretention (No Underdrain)	323
105711	Beverly Hills	N Bedford Dr	Bioretention (No Underdrain)	1,455
105711	Beverly Hills	N Beverly Dr	Bioretention (No Underdrain)	435
105711	Beverly Hills	N Camden Dr	Bioretention (No Underdrain)	723
105711	Beverly Hills	N Crescent Dr	Bioretention (No Underdrain)	2,617
105711	Beverly Hills	N Linden Dr	Bioretention (No Underdrain)	861
105711	Beverly Hills	N Rexford Dr	Bioretention (No Underdrain)	1,740
105711	Beverly Hills	N Rodeo Dr	Bioretention (No Underdrain)	372
105711	Beverly Hills	N Roxbury Dr	Bioretention (No Underdrain)	2,165
105711	Beverly Hills	N Whittier Dr	Bioretention (No Underdrain)	592
105711	Beverly Hills	Oxford Way	Bioretention (No Underdrain)	568
105711	Beverly Hills	Pine Dr	Bioretention (No Underdrain)	127
105711	Beverly Hills	Shadow Hill Way	Bioretention (No Underdrain)	335

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
105711	Beverly Hills	Steven Way	Bioretention (No Underdrain)	29
105711	Beverly Hills	Summit Dr	Bioretention (No Underdrain)	1,122
105711	Beverly Hills	Sunnyvale Way	Bioretention (No Underdrain)	168
105711	Beverly Hills	Walden Dr	Bioretention (No Underdrain)	22
105711	Beverly Hills	Whittier Dr	Bioretention (No Underdrain)	592
105711	Beverly Hills	Woodland Dr	Bioretention (No Underdrain)	463
105811	Beverly Hills	(unknown)	Bioretention (No Underdrain)	53
105811	Beverly Hills	N Beverly Dr	Bioretention (No Underdrain)	154
105811	Beverly Hills	Sutton Way	Bioretention (No Underdrain)	118
105911	Beverly Hills	(unknown)	Bioretention (No Underdrain)	47
105911	Beverly Hills	Carla Ridge	Bioretention (No Underdrain)	855
105911	Beverly Hills	Castle Pl	Bioretention (No Underdrain)	347
105911	Beverly Hills	Chalette Dr	Bioretention (No Underdrain)	52
105911	Beverly Hills	Clinton Pl	Bioretention (No Underdrain)	100
105911	Beverly Hills	Evelyn Pl	Bioretention (No Underdrain)	1,205
105911	Beverly Hills	Haynes Ave	Bioretention (No Underdrain)	9
105911	Beverly Hills	Lago Vista Dr	Bioretention (No Underdrain)	223
105911	Beverly Hills	Lago Vista Pl	Bioretention (No Underdrain)	19
105911	Beverly Hills	Lindacrest Dr	Bioretention (No Underdrain)	160
105911	Beverly Hills	Loma Linda Dr	Bioretention (No Underdrain)	30
105911	Beverly Hills	Loma Vista Dr	Bioretention (No Underdrain)	235
105911	Beverly Hills	Monte Cielo Dr	Bioretention (No Underdrain)	83
105911	Beverly Hills	N Carla Ridge	Bioretention (No Underdrain)	143
105911	Beverly Hills	N Evelyn Pl	Bioretention (No Underdrain)	337
105911	Beverly Hills	W Castle Pl	Bioretention (No Underdrain)	347
105911	Beverly Hills	W Loma Vista Dr	Bioretention (No Underdrain)	235
108411	Beverly Hills	(unknown)	Bioretention (No Underdrain)	51,850
108411	Beverly Hills	Alden Dr	Bioretention (No Underdrain)	936
108411	Beverly Hills	Arnaz Dr	Bioretention (No Underdrain)	0
108411	Beverly Hills	Beverly Blvd	Bioretention (No Underdrain)	868
108411	Beverly Hills	Burton Way	Bioretention (No Underdrain)	3,786
108411	Beverly Hills	Cardiff Ave	Bioretention (No Underdrain)	0
108411	Beverly Hills	Chalmers Dr	Bioretention (No Underdrain)	30
108411	Beverly Hills	Charleville Blvd	Bioretention (No Underdrain)	4,967
108411	Beverly Hills	Clifton Way	Bioretention (No Underdrain)	5,499
108411	Beverly Hills	Commercial Center St	Bioretention (No Underdrain)	200
108411	Beverly Hills	Dayton Way	Bioretention (No Underdrain)	2,687
108411	Beverly Hills	Gregory Way	Bioretention (No Underdrain)	4,889
108411	Beverly Hills	la Peer Dr	Bioretention (No Underdrain)	1,836
108411	Beverly Hills	N Almont Dr	Bioretention (No Underdrain)	1,835
108411	Beverly Hills	N Arnaz Dr	Bioretention (No Underdrain)	1,064
108411	Beverly Hills	N Carson Rd	Bioretention (No Underdrain)	1,354
108411	Beverly Hills	N Clark Dr	Bioretention (No Underdrain)	1,838
108411	Beverly Hills	N Doheny Dr	Bioretention (No Underdrain)	1,830
108411	Beverly Hills	N Gale Dr	Bioretention (No Underdrain)	910
108411	Beverly Hills	N Hamel Dr	Bioretention (No Underdrain)	1,157
108411	Beverly Hills	N Hamilton Dr	Bioretention (No Underdrain)	1,433
108411	Beverly Hills	N la Cienega Blvd	Bioretention (No Underdrain)	1,539
108411	Beverly Hills	N la Peer Dr	Bioretention (No Underdrain)	1,836
108411	Beverly Hills	N Le Doux Rd	Bioretention (No Underdrain)	1,549
108411	Beverly Hills	N Maple Dr	Bioretention (No Underdrain)	3,597
108411	Beverly Hills	N Oakhurst Dr	Bioretention (No Underdrain)	3,646
108411	Beverly Hills	N Palm Dr	Bioretention (No Underdrain)	3,791
108411	Beverly Hills	N Robertson Blvd	Bioretention (No Underdrain)	971
108411	Beverly Hills	N San Vicente Blvd	Bioretention (No Underdrain)	1,727

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
108411	Beverly Hills	N Stanley Dr	Bioretention (No Underdrain)	1,449
108411	Beverly Hills	N Swall Dr	Bioretention (No Underdrain)	1,840
108411	Beverly Hills	N Wetherly Dr	Bioretention (No Underdrain)	1,828
108411	Beverly Hills	N Willaman Dr	Bioretention (No Underdrain)	1,257
108411	Beverly Hills	Robertson Blvd	Bioretention (No Underdrain)	1,485
108411	Beverly Hills	S Almont Dr	Bioretention (No Underdrain)	3,623
108411	Beverly Hills	S Arnaz Dr	Bioretention (No Underdrain)	951
108411	Beverly Hills	S Bedford St	Bioretention (No Underdrain)	0
108411	Beverly Hills	S Carson Rd	Bioretention (No Underdrain)	1,104
108411	Beverly Hills	S Clark Dr	Bioretention (No Underdrain)	3,613
108411	Beverly Hills	S Crest Dr	Bioretention (No Underdrain)	0
108411	Beverly Hills	S Doheny Dr	Bioretention (No Underdrain)	3,636
108411	Beverly Hills	S Gale Dr	Bioretention (No Underdrain)	930
108411	Beverly Hills	S Hamel Dr	Bioretention (No Underdrain)	1,301
108411	Beverly Hills	S Hamilton Dr	Bioretention (No Underdrain)	927
108411	Beverly Hills	S la Cienega Blvd	Bioretention (No Underdrain)	1,779
108411	Beverly Hills	S la Peer Dr	Bioretention (No Underdrain)	3,620
108411	Beverly Hills	S Le Doux Rd	Bioretention (No Underdrain)	1,483
108411	Beverly Hills	S Maple Dr	Bioretention (No Underdrain)	3,626
108411	Beverly Hills	S Oakhurst Dr	Bioretention (No Underdrain)	3,627
108411	Beverly Hills	S Orlando Ave	Bioretention (No Underdrain)	21
108411	Beverly Hills	S Palm Dr	Bioretention (No Underdrain)	3,628
108411	Beverly Hills	S Robertson Blvd	Bioretention (No Underdrain)	3,609
108411	Beverly Hills	S Sherbourne Dr	Bioretention (No Underdrain)	0
108411	Beverly Hills	S Stanley Dr	Bioretention (No Underdrain)	1,010
108411	Beverly Hills	S Swall Dr	Bioretention (No Underdrain)	3,615
108411	Beverly Hills	S Tower Dr	Bioretention (No Underdrain)	914
108411	Beverly Hills	S Wetherly Dr	Bioretention (No Underdrain)	3,629
108411	Beverly Hills	S Willaman Dr	Bioretention (No Underdrain)	1,201
108411	Beverly Hills	S Wooster St	Bioretention (No Underdrain)	0
108411	Beverly Hills	San Vicente Blvd	Bioretention (No Underdrain)	1,727
108411	Beverly Hills	Tower Dr	Bioretention (No Underdrain)	914
108411	Beverly Hills	W 3rd St	Bioretention (No Underdrain)	917
108411	Beverly Hills	W 6th St	Bioretention (No Underdrain)	10
108411	Beverly Hills	W Olympic Blvd	Bioretention (No Underdrain)	3,066
108411	Beverly Hills	Whitworth Dr	Bioretention (No Underdrain)	1,272
108411	Beverly Hills	Wilshire Blvd	Bioretention (No Underdrain)	6,572
108811	Beverly Hills	N Walker Dr	Biofiltration (Underdrain)	316
108811	Beverly Hills	Walker Dr	Biofiltration (Underdrain)	316
109111	Beverly Hills	(unknown)	Bioretention (No Underdrain)	41,315
109111	Beverly Hills	Alexis Pl	Bioretention (No Underdrain)	160
109111	Beverly Hills	Alpine Dr	Bioretention (No Underdrain)	5,654
109111	Beverly Hills	Alta Dr	Bioretention (No Underdrain)	3,395
109111	Beverly Hills	Arden Dr	Bioretention (No Underdrain)	3,232
109111	Beverly Hills	Arkell Dr	Bioretention (No Underdrain)	156
109111	Beverly Hills	Barrie Dr	Bioretention (No Underdrain)	301
109111	Beverly Hills	Beverly Blvd	Bioretention (No Underdrain)	386
109111	Beverly Hills	Burk Pl	Bioretention (No Underdrain)	86
109111	Beverly Hills	Calle Vista Dr	Bioretention (No Underdrain)	162
109111	Beverly Hills	Carla Ln	Bioretention (No Underdrain)	269
109111	Beverly Hills	Carla Ridge	Bioretention (No Underdrain)	1,299
109111	Beverly Hills	Carmelita Ave	Bioretention (No Underdrain)	4,632
109111	Beverly Hills	Carol Dr	Bioretention (No Underdrain)	6
109111	Beverly Hills	Chalette Dr	Bioretention (No Underdrain)	500
109111	Beverly Hills	Civic Center Dr	Bioretention (No Underdrain)	3,446

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109111	Beverly Hills	Clinton Pl	Bioretention (No Underdrain)	93
109111	Beverly Hills	Cord Cir	Bioretention (No Underdrain)	236
109111	Beverly Hills	Cory Ave	Bioretention (No Underdrain)	15
109111	Beverly Hills	Cynthia St	Bioretention (No Underdrain)	1,109
109111	Beverly Hills	Dabney Ln	Bioretention (No Underdrain)	100
109111	Beverly Hills	Doheny Rd	Bioretention (No Underdrain)	3,009
109111	Beverly Hills	Drury Ln	Bioretention (No Underdrain)	306
109111	Beverly Hills	el Retiro Way	Bioretention (No Underdrain)	92
109111	Beverly Hills	Elevado Ave	Bioretention (No Underdrain)	5,363
109111	Beverly Hills	Endrino Pl	Bioretention (No Underdrain)	87
109111	Beverly Hills	Foothill Rd	Bioretention (No Underdrain)	5,328
109111	Beverly Hills	Haynes Ave	Bioretention (No Underdrain)	36
109111	Beverly Hills	Hillcrest Rd	Bioretention (No Underdrain)	1,263
109111	Beverly Hills	la Altura Rd	Bioretention (No Underdrain)	16
109111	Beverly Hills	la Collina Dr	Bioretention (No Underdrain)	12
109111	Beverly Hills	Leslie Ln	Bioretention (No Underdrain)	182
109111	Beverly Hills	Lexington Rd	Bioretention (No Underdrain)	383
109111	Beverly Hills	Loma Vista Dr	Bioretention (No Underdrain)	2,966
109111	Beverly Hills	Lomitas Ave	Bioretention (No Underdrain)	2,182
109111	Beverly Hills	Martin Ln	Bioretention (No Underdrain)	270
109111	Beverly Hills	Maytor Pl	Bioretention (No Underdrain)	140
109111	Beverly Hills	Monte Leon Dr	Bioretention (No Underdrain)	664
109111	Beverly Hills	Monte Leon Ln	Bioretention (No Underdrain)	697
109111	Beverly Hills	Mountain Dr	Bioretention (No Underdrain)	1,483
109111	Beverly Hills	N Alexis Pl	Bioretention (No Underdrain)	160
109111	Beverly Hills	N Alpine Dr	Bioretention (No Underdrain)	5,518
109111	Beverly Hills	N Alta Dr	Bioretention (No Underdrain)	3,395
109111	Beverly Hills	N Arden Dr	Bioretention (No Underdrain)	3,232
109111	Beverly Hills	N Elm Dr	Bioretention (No Underdrain)	4,223
109111	Beverly Hills	N Foothill Rd	Bioretention (No Underdrain)	5,328
109111	Beverly Hills	N Hillcrest Rd	Bioretention (No Underdrain)	5,449
109111	Beverly Hills	N la Collina Dr	Bioretention (No Underdrain)	12
109111	Beverly Hills	N Maple Dr	Bioretention (No Underdrain)	3,421
109111	Beverly Hills	N Oakhurst Dr	Bioretention (No Underdrain)	3,556
109111	Beverly Hills	N Palm Dr	Bioretention (No Underdrain)	4,032
109111	Beverly Hills	N Rexford Dr	Bioretention (No Underdrain)	2,839
109111	Beverly Hills	N Sierra Alta Way	Bioretention (No Underdrain)	12
109111	Beverly Hills	N Sierra Dr	Bioretention (No Underdrain)	3,311
109111	Beverly Hills	N Sierra Pl	Bioretention (No Underdrain)	140
109111	Beverly Hills	Phyllis St	Bioretention (No Underdrain)	532
109111	Beverly Hills	Robert Ln	Bioretention (No Underdrain)	780
109111	Beverly Hills	Schuyler Rd	Bioretention (No Underdrain)	945
109111	Beverly Hills	Sierra Alta Way	Bioretention (No Underdrain)	12
109111	Beverly Hills	Sierra Dr	Bioretention (No Underdrain)	3,311
109111	Beverly Hills	Trousdale Pl	Bioretention (No Underdrain)	172
109111	Beverly Hills	Vick Pl	Bioretention (No Underdrain)	3
109111	Beverly Hills	W Doheny Rd	Bioretention (No Underdrain)	353
109111	Beverly Hills	W Loma Vista Dr	Bioretention (No Underdrain)	855
109111	Beverly Hills	W Wallace Rdg	Bioretention (No Underdrain)	69
109111	Beverly Hills	Wallace Ridge	Bioretention (No Underdrain)	180
109111	Beverly Hills	Williams Ln	Bioretention (No Underdrain)	41
100422	Culver City	W Washington Blvd	Bioretention (No Underdrain)	815
100422	Culver City	Washington Blvd	Bioretention (No Underdrain)	815
100722	Culver City	(unknown)	Bioretention (No Underdrain)	39
100722	Culver City	Ocean Dr	Bioretention (No Underdrain)	227

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
100722	Culver City	Overland Ave	Bioretention (No Underdrain)	78
100722	Culver City	Sepulveda Blvd	Bioretention (No Underdrain)	39
100722	Culver City	Westwood Blvd	Bioretention (No Underdrain)	9
100922	Culver City	Cota St	Bioretention (No Underdrain)	56
100922	Culver City	Dobson Way	Bioretention (No Underdrain)	329
100922	Culver City	Fairbanks Way	Bioretention (No Underdrain)	484
100922	Culver City	Karen Cir	Bioretention (No Underdrain)	192
100922	Culver City	Pickford Way	Bioretention (No Underdrain)	348
100922	Culver City	Rhoda Way	Bioretention (No Underdrain)	436
100922	Culver City	Stevens Cir	Bioretention (No Underdrain)	189
100922	Culver City	Westwood Blvd	Bioretention (No Underdrain)	593
101022	Culver City	(unknown)	Bioretention (No Underdrain)	20
101022	Culver City	Argan Ave	Bioretention (No Underdrain)	0
101022	Culver City	Braddock Dr	Bioretention (No Underdrain)	227
101022	Culver City	Franklin Ave	Bioretention (No Underdrain)	785
101022	Culver City	Garfield Ave	Bioretention (No Underdrain)	464
101022	Culver City	Huntley Ave	Bioretention (No Underdrain)	1,001
101022	Culver City	Huntley Pl	Bioretention (No Underdrain)	423
101022	Culver City	W Tavener Ave	Bioretention (No Underdrain)	0
101122	Culver City	(unknown)	Bioretention (No Underdrain)	1,241
101122	Culver City	Fairbanks Way	Bioretention (No Underdrain)	1,014
101122	Culver City	Ocean Dr	Bioretention (No Underdrain)	659
101122	Culver City	Pickford Way	Bioretention (No Underdrain)	1,110
101122	Culver City	Rhoda Way	Bioretention (No Underdrain)	438
101122	Culver City	Studio Dr	Bioretention (No Underdrain)	888
101122	Culver City	Virginia Ave	Bioretention (No Underdrain)	1,052
101122	Culver City	Westwood Blvd	Bioretention (No Underdrain)	797
101222	Culver City	(unknown)	Bioretention (No Underdrain)	3,397
101222	Culver City	Boise Ave	Bioretention (No Underdrain)	610
101222	Culver City	Chase Ave	Bioretention (No Underdrain)	150
101222	Culver City	Colonial Ave	Bioretention (No Underdrain)	919
101222	Culver City	Frances Ave	Bioretention (No Underdrain)	50
101222	Culver City	Kenyon Ave	Bioretention (No Underdrain)	150
101222	Culver City	Louise Ave	Bioretention (No Underdrain)	629
101222	Culver City	Maxella Ave	Bioretention (No Underdrain)	275
101222	Culver City	McConnell Ave	Bioretention (No Underdrain)	2,927
101222	Culver City	McConnell Blvd	Bioretention (No Underdrain)	2,927
101222	Culver City	Meier St	Bioretention (No Underdrain)	607
101222	Culver City	Mildred Ave	Bioretention (No Underdrain)	2,052
101222	Culver City	Moore St	Bioretention (No Underdrain)	145
101222	Culver City	Neosho Ave	Bioretention (No Underdrain)	185
101222	Culver City	Rosabell St	Bioretention (No Underdrain)	839
101222	Culver City	W Washington Blvd	Bioretention (No Underdrain)	2,874
101222	Culver City	Wade St	Bioretention (No Underdrain)	1,204
101222	Culver City	Wasatch Ave	Bioretention (No Underdrain)	830
101222	Culver City	Washington Blvd	Bioretention (No Underdrain)	2,874
101222	Culver City	Washington Pl	Bioretention (No Underdrain)	1,930
101222	Culver City	Zanja St	Bioretention (No Underdrain)	154
101322	Culver City	(unknown)	Bioretention (No Underdrain)	159
101322	Culver City	Atlantic Ave	Bioretention (No Underdrain)	709
101322	Culver City	East Blvd	Bioretention (No Underdrain)	376
101322	Culver City	Inglewood Blvd	Bioretention (No Underdrain)	504
101322	Culver City	Kensington Rd	Bioretention (No Underdrain)	106
101322	Culver City	Louise Ave	Bioretention (No Underdrain)	192
101322	Culver City	Marcasel Ave	Bioretention (No Underdrain)	310

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
101322	Culver City	W Washington Blvd	Bioretention (No Underdrain)	1,758
101322	Culver City	Washington Blvd	Bioretention (No Underdrain)	1,758
101422	Culver City	(unknown)	Bioretention (No Underdrain)	1,280
101422	Culver City	Clarmon Pl	Bioretention (No Underdrain)	469
101422	Culver City	Cota St	Bioretention (No Underdrain)	479
101422	Culver City	Deshire Pl	Bioretention (No Underdrain)	521
101422	Culver City	Drakewood Ave	Bioretention (No Underdrain)	186
101422	Culver City	Fairbanks Way	Bioretention (No Underdrain)	590
101422	Culver City	Flaxton Ave	Bioretention (No Underdrain)	143
101422	Culver City	Flaxton St	Bioretention (No Underdrain)	1,752
101422	Culver City	Galvin St	Bioretention (No Underdrain)	583
101422	Culver City	Hazelton Ave	Bioretention (No Underdrain)	847
101422	Culver City	Jefferson Blvd	Bioretention (No Underdrain)	887
101422	Culver City	Kingston Ave	Bioretention (No Underdrain)	1,752
101422	Culver City	Kinston	Bioretention (No Underdrain)	248
101422	Culver City	Kinston Ave	Bioretention (No Underdrain)	2,349
101422	Culver City	Northgate St	Bioretention (No Underdrain)	196
101422	Culver City	Ocean Dr	Bioretention (No Underdrain)	1,532
101422	Culver City	Overland Ave	Bioretention (No Underdrain)	590
101422	Culver City	Pickford Way	Bioretention (No Underdrain)	745
101422	Culver City	Rhoda Way	Bioretention (No Underdrain)	1,095
101422	Culver City	Westwood Blvd	Bioretention (No Underdrain)	1,139
101422	Culver City	Whitburn St	Bioretention (No Underdrain)	1,372
101422	Culver City	Youngworth Rd	Bioretention (No Underdrain)	52
101522	Culver City	(unknown)	Bioretention (No Underdrain)	4,590
101522	Culver City	Clarmon Pl	Bioretention (No Underdrain)	123
101522	Culver City	Deshire Pl	Bioretention (No Underdrain)	94
101522	Culver City	Galvin St	Bioretention (No Underdrain)	863
101522	Culver City	Hollow Corner Rd	Bioretention (No Underdrain)	27
101522	Culver City	Indian Wood Rd	Bioretention (No Underdrain)	23
101522	Culver City	Indianwood Rd	Bioretention (No Underdrain)	23
101522	Culver City	Jefferson Blvd	Bioretention (No Underdrain)	2,661
101522	Culver City	Jordan Way	Bioretention (No Underdrain)	689
101522	Culver City	Marietta Ln	Bioretention (No Underdrain)	48
101522	Culver City	Northgate St	Bioretention (No Underdrain)	816
101522	Culver City	Ocean Dr	Bioretention (No Underdrain)	74
101522	Culver City	Overland Ave	Bioretention (No Underdrain)	2,954
101522	Culver City	Raintree Cir	Bioretention (No Underdrain)	28
101522	Culver City	Saratoga Ln	Bioretention (No Underdrain)	29
101522	Culver City	Virginia Ave	Bioretention (No Underdrain)	815
101622	Culver City	(unknown)	Bioretention (No Underdrain)	324
101622	Culver City	Farragut Dr	Bioretention (No Underdrain)	1,088
101622	Culver City	Jasmine Ave	Bioretention (No Underdrain)	2,739
101622	Culver City	Keystone Ave	Bioretention (No Underdrain)	1,720
101622	Culver City	Le Bourget Ave	Bioretention (No Underdrain)	1,540
101622	Culver City	Mentone Ave	Bioretention (No Underdrain)	1,230
101622	Culver City	Motor Ave	Bioretention (No Underdrain)	1,173
101622	Culver City	Overland Ave	Bioretention (No Underdrain)	108
101622	Culver City	Vinton Ave	Bioretention (No Underdrain)	1,624
101722	Culver City	(unknown)	Bioretention (No Underdrain)	363
101722	Culver City	Jefferson Blvd	Bioretention (No Underdrain)	1,605
101722	Culver City	Leahy St	Bioretention (No Underdrain)	55
101722	Culver City	Pearson St	Bioretention (No Underdrain)	71
101822	Culver City	(unknown)	Bioretention (No Underdrain)	874
101822	Culver City	Campbell Dr	Bioretention (No Underdrain)	180

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
101822	Culver City	Grand View Blvd	Bioretention (No Underdrain)	1,900
101822	Culver City	Herbert St	Bioretention (No Underdrain)	871
101822	Culver City	Herbert Way	Bioretention (No Underdrain)	152
101822	Culver City	Inglewood Blvd	Bioretention (No Underdrain)	61
101822	Culver City	Lindblade Dr	Bioretention (No Underdrain)	192
101822	Culver City	S Centinela Ave	Bioretention (No Underdrain)	1,324
101822	Culver City	W Washington Blvd	Bioretention (No Underdrain)	1,824
101822	Culver City	Washington Blvd	Bioretention (No Underdrain)	1,824
101822	Culver City	Washington Pl	Bioretention (No Underdrain)	1,010
101922	Culver City	(unknown)	Bioretention (No Underdrain)	7,821
101922	Culver City	Aletta Ave	Bioretention (No Underdrain)	1,368
101922	Culver City	Alley North of Washington Blvd	Bioretention (No Underdrain)	124
101922	Culver City	Alley South of Washington	Bioretention (No Underdrain)	892
101922	Culver City	Alley Way South of Washington Blvd	Bioretention (No Underdrain)	635
101922	Culver City	Arizona Ave	Bioretention (No Underdrain)	784
101922	Culver City	Astaire Ave	Bioretention (No Underdrain)	636
101922	Culver City	Barman Ave	Bioretention (No Underdrain)	2,698
101922	Culver City	Braddock Dr	Bioretention (No Underdrain)	2,605
101922	Culver City	Charles Ave	Bioretention (No Underdrain)	778
101922	Culver City	Coogan Cir	Bioretention (No Underdrain)	371
101922	Culver City	Coombs Ave	Bioretention (No Underdrain)	1,982
101922	Culver City	Culver Blvd	Bioretention (No Underdrain)	3,891
101922	Culver City	Culver Center	Bioretention (No Underdrain)	59
101922	Culver City	Culver Center St	Bioretention (No Underdrain)	59
101922	Culver City	Elenda St	Bioretention (No Underdrain)	3,530
101922	Culver City	Farragut Dr	Bioretention (No Underdrain)	1,113
101922	Culver City	Franklin Ave	Bioretention (No Underdrain)	1,155
101922	Culver City	Garfield Ave	Bioretention (No Underdrain)	1,220
101922	Culver City	Garland Dr	Bioretention (No Underdrain)	1,322
101922	Culver City	Girard Ave	Bioretention (No Underdrain)	977
101922	Culver City	Harter Ave	Bioretention (No Underdrain)	2,403
101922	Culver City	Hepburn Cir	Bioretention (No Underdrain)	269
101922	Culver City	Huron Ave	Bioretention (No Underdrain)	2,459
101922	Culver City	Lamarr Ave	Bioretention (No Underdrain)	1,035
101922	Culver City	Lindblade St	Bioretention (No Underdrain)	2,125
101922	Culver City	Marietta Ave	Bioretention (No Underdrain)	839
101922	Culver City	Matteson Ave	Bioretention (No Underdrain)	74
101922	Culver City	Midway Ave	Bioretention (No Underdrain)	2,216
101922	Culver City	Milton Ave	Bioretention (No Underdrain)	514
101922	Culver City	Oregon Ave	Bioretention (No Underdrain)	1,532
101922	Culver City	Skelton Cir	Bioretention (No Underdrain)	347
101922	Culver City	Spad Pl	Bioretention (No Underdrain)	907
101922	Culver City	Tilden Ave	Bioretention (No Underdrain)	1,134
101922	Culver City	W Washington Blvd	Bioretention (No Underdrain)	1,629
101922	Culver City	Wagner St	Bioretention (No Underdrain)	2,162
101922	Culver City	Washington Blvd	Bioretention (No Underdrain)	1,629
101922	Culver City	Westwood Blvd	Bioretention (No Underdrain)	854
102022	Culver City	(unknown)	Bioretention (No Underdrain)	7,779
102022	Culver City	Albright Ave	Bioretention (No Underdrain)	107
102022	Culver City	Alley Way South of Washington Blvd	Bioretention (No Underdrain)	115
102022	Culver City	Barman Ave	Bioretention (No Underdrain)	962
102022	Culver City	Bentley Ave	Bioretention (No Underdrain)	1,631
102022	Culver City	Bledsoe Ave	Bioretention (No Underdrain)	9
102022	Culver City	Braddock Dr	Bioretention (No Underdrain)	947
102022	Culver City	Center St	Bioretention (No Underdrain)	1,122

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102022	Culver City	College Ave	Bioretention (No Underdrain)	641
102022	Culver City	Commonwealth Ave	Bioretention (No Underdrain)	1,499
102022	Culver City	Commonwealth Cir	Bioretention (No Underdrain)	68
102022	Culver City	Corinth Ave	Bioretention (No Underdrain)	155
102022	Culver City	Culver Blvd	Bioretention (No Underdrain)	2,577
102022	Culver City	Farragut Dr	Bioretention (No Underdrain)	354
102022	Culver City	Franklin Ave	Bioretention (No Underdrain)	389
102022	Culver City	Garfield Ave	Bioretention (No Underdrain)	420
102022	Culver City	Globe Ave	Bioretention (No Underdrain)	535
102022	Culver City	Harter Ave	Bioretention (No Underdrain)	1,016
102022	Culver City	Huntley Ave	Bioretention (No Underdrain)	503
102022	Culver City	Huron Ave	Bioretention (No Underdrain)	1,495
102022	Culver City	Lindblade St	Bioretention (No Underdrain)	955
102022	Culver City	Matteson Ave	Bioretention (No Underdrain)	2,352
102022	Culver City	Piggott Dr	Bioretention (No Underdrain)	498
102022	Culver City	Pigott Dr	Bioretention (No Underdrain)	498
102022	Culver City	Prospect Ave	Bioretention (No Underdrain)	1,263
102022	Culver City	Sawtelle Blvd	Bioretention (No Underdrain)	958
102022	Culver City	Sepulveda Blvd	Bioretention (No Underdrain)	5,378
102022	Culver City	Star Cir	Bioretention (No Underdrain)	69
102022	Culver City	Tilden Ave	Bioretention (No Underdrain)	1,693
102022	Culver City	Tuller Ave	Bioretention (No Underdrain)	1,560
102022	Culver City	W Washington Blvd	Bioretention (No Underdrain)	3,057
102022	Culver City	Wagner St	Bioretention (No Underdrain)	969
102022	Culver City	Washington Blvd	Bioretention (No Underdrain)	3,057
102022	Culver City	Washington Pl	Bioretention (No Underdrain)	1,955
102122	Culver City	(unknown)	Bioretention (No Underdrain)	115
102122	Culver City	Braddock Dr	Bioretention (No Underdrain)	27
102122	Culver City	Coombs Ave	Bioretention (No Underdrain)	22
102122	Culver City	Emerald Way	Bioretention (No Underdrain)	91
102122	Culver City	Farragut Dr	Bioretention (No Underdrain)	43
102122	Culver City	Huron Ave	Bioretention (No Underdrain)	149
102122	Culver City	Overland Ave	Bioretention (No Underdrain)	908
102222	Culver City	(unknown)	Bioretention (No Underdrain)	3,113
102222	Culver City	Alley South of Culver	Bioretention (No Underdrain)	305
102222	Culver City	Alley Way South of Washington Blvd	Bioretention (No Underdrain)	59
102222	Culver City	Barman Ave	Bioretention (No Underdrain)	156
102222	Culver City	Braddock Dr	Bioretention (No Underdrain)	2,389
102222	Culver City	Culver Blvd	Bioretention (No Underdrain)	2,221
102222	Culver City	Farragut Dr	Bioretention (No Underdrain)	809
102222	Culver City	Franklin Ave	Bioretention (No Underdrain)	155
102222	Culver City	Garfield Ave	Bioretention (No Underdrain)	148
102222	Culver City	Goldwyn Ter	Bioretention (No Underdrain)	30
102222	Culver City	Jasmine Ave	Bioretention (No Underdrain)	1,992
102222	Culver City	Jean Pl	Bioretention (No Underdrain)	46
102222	Culver City	Keystone Ave	Bioretention (No Underdrain)	1,709
102222	Culver City	Le Bourget Ave	Bioretention (No Underdrain)	1,896
102222	Culver City	Mentone Ave	Bioretention (No Underdrain)	1,828
102222	Culver City	Motor Ave	Bioretention (No Underdrain)	1,972
102222	Culver City	Oregon Ave	Bioretention (No Underdrain)	179
102222	Culver City	Overland Ave	Bioretention (No Underdrain)	3,326
102222	Culver City	Palm Court Way	Bioretention (No Underdrain)	50
102222	Culver City	Park Ave	Bioretention (No Underdrain)	299
102222	Culver City	Vinton Ave	Bioretention (No Underdrain)	1,979
102222	Culver City	W Washington Blvd	Bioretention (No Underdrain)	2,334

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102222	Culver City	Washington Blvd	Bioretention (No Underdrain)	2,334
102322	Culver City	Berryman Ave	Bioretention (No Underdrain)	535
102322	Culver City	Dawes Ave	Bioretention (No Underdrain)	502
102322	Culver City	Emporia Ave	Bioretention (No Underdrain)	1,329
102322	Culver City	Emporia Pl	Bioretention (No Underdrain)	11
102322	Culver City	Etheldo Ave	Bioretention (No Underdrain)	480
102322	Culver City	Hammack St	Bioretention (No Underdrain)	221
102322	Culver City	McDonald St	Bioretention (No Underdrain)	1,794
102322	Culver City	Orville St	Bioretention (No Underdrain)	689
102322	Culver City	Port Rd	Bioretention (No Underdrain)	844
102322	Culver City	Purdue Ave	Bioretention (No Underdrain)	854
102322	Culver City	S Slauson Ave	Bioretention (No Underdrain)	1,185
102322	Culver City	Selmaraine Dr	Bioretention (No Underdrain)	1,576
102322	Culver City	Slauson Ave	Bioretention (No Underdrain)	1,185
102322	Culver City	Woolford St	Bioretention (No Underdrain)	687
102422	Culver City	(unknown)	Bioretention (No Underdrain)	7,664
102422	Culver City	Alley East of Sepulveda	Bioretention (No Underdrain)	998
102422	Culver City	Alley North of Jefferson	Bioretention (No Underdrain)	1,599
102422	Culver City	Ballona Ln	Bioretention (No Underdrain)	57
102422	Culver City	Bernardo Rd	Bioretention (No Underdrain)	202
102422	Culver City	Berryman Ave	Bioretention (No Underdrain)	1,571
102422	Culver City	Blanco Way	Bioretention (No Underdrain)	1,121
102422	Culver City	Bush Way	Bioretention (No Underdrain)	831
102422	Culver City	Coolidge Ave	Bioretention (No Underdrain)	416
102422	Culver City	Corryne Pl	Bioretention (No Underdrain)	164
102422	Culver City	Cota St	Bioretention (No Underdrain)	795
102422	Culver City	Cranks Rd	Bioretention (No Underdrain)	1,595
102422	Culver City	Culver Park Dr	Bioretention (No Underdrain)	2,117
102422	Culver City	Culver Park Pl	Bioretention (No Underdrain)	220
102422	Culver City	Culview St	Bioretention (No Underdrain)	329
102422	Culver City	Diller Ave	Bioretention (No Underdrain)	1,141
102422	Culver City	Dobson Way	Bioretention (No Underdrain)	965
102422	Culver City	Drakewood Ave	Bioretention (No Underdrain)	45
102422	Culver City	el Rincon Way	Bioretention (No Underdrain)	345
102422	Culver City	Esterina Way	Bioretention (No Underdrain)	130
102422	Culver City	Eveward Rd	Bioretention (No Underdrain)	625
102422	Culver City	Fairbanks Way	Bioretention (No Underdrain)	737
102422	Culver City	Grayridge Dr	Bioretention (No Underdrain)	690
102422	Culver City	Hannum Ave	Bioretention (No Underdrain)	2,914
102422	Culver City	Hayter Ave	Bioretention (No Underdrain)	886
102422	Culver City	Heritage Pl	Bioretention (No Underdrain)	21
102422	Culver City	Hill Rd	Bioretention (No Underdrain)	324
102422	Culver City	Janisann Ave	Bioretention (No Underdrain)	1,178
102422	Culver City	Jefferson Blvd	Bioretention (No Underdrain)	4,220
102422	Culver City	Kalein Dr	Bioretention (No Underdrain)	803
102422	Culver City	Kelmore St	Bioretention (No Underdrain)	1,609
102422	Culver City	Kingston Ave	Bioretention (No Underdrain)	494
102422	Culver City	Kinston Ave	Bioretention (No Underdrain)	494
102422	Culver City	Knightsbridge Ave	Bioretention (No Underdrain)	70
102422	Culver City	Linda Way	Bioretention (No Underdrain)	288
102422	Culver City	Lugo Way	Bioretention (No Underdrain)	221
102422	Culver City	Machado Rd	Bioretention (No Underdrain)	771
102422	Culver City	Malat Way	Bioretention (No Underdrain)	1,077
102422	Culver City	McDonald St	Bioretention (No Underdrain)	547
102422	Culver City	Molony Rd	Bioretention (No Underdrain)	594

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102422	Culver City	North Dr	Bioretention (No Underdrain)	70
102422	Culver City	Orville St	Bioretention (No Underdrain)	1,129
102422	Culver City	Overland Ave	Bioretention (No Underdrain)	1,792
102422	Culver City	Patom Dr	Bioretention (No Underdrain)	1,605
102422	Culver City	Pickford Way	Bioretention (No Underdrain)	750
102422	Culver City	Playa Ct	Bioretention (No Underdrain)	876
102422	Culver City	Playa St	Bioretention (No Underdrain)	3,744
102422	Culver City	Port Rd	Bioretention (No Underdrain)	651
102422	Culver City	Purdue Ave	Bioretention (No Underdrain)	54
102422	Culver City	Ranch Rd	Bioretention (No Underdrain)	681
102422	Culver City	Rudman Dr	Bioretention (No Underdrain)	900
102422	Culver City	Ryandale Dr	Bioretention (No Underdrain)	783
102422	Culver City	S Sepulveda Blvd	Bioretention (No Underdrain)	4,499
102422	Culver City	S Slauson Ave	Bioretention (No Underdrain)	489
102422	Culver City	Sawtelle Blvd	Bioretention (No Underdrain)	3,777
102422	Culver City	Segrell Way	Bioretention (No Underdrain)	2,341
102422	Culver City	Selmaraine Dr	Bioretention (No Underdrain)	13
102422	Culver City	Sepulveda Blvd	Bioretention (No Underdrain)	4,499
102422	Culver City	Slauson Ave	Bioretention (No Underdrain)	10
102422	Culver City	South Dr	Bioretention (No Underdrain)	54
102422	Culver City	Stephon Ter	Bioretention (No Underdrain)	263
102422	Culver City	Stevens Ave	Bioretention (No Underdrain)	1,256
102422	Culver City	Stever Ct	Bioretention (No Underdrain)	195
102422	Culver City	Stever St	Bioretention (No Underdrain)	791
102422	Culver City	Stubbs Ln	Bioretention (No Underdrain)	585
102422	Culver City	Tellefson Rd	Bioretention (No Underdrain)	484
102422	Culver City	W Slauson Ave	Bioretention (No Underdrain)	10
102422	Culver City	Whitburn St	Bioretention (No Underdrain)	143
102422	Culver City	Woolford St	Bioretention (No Underdrain)	591
102422	Culver City	Youngworth Rd	Bioretention (No Underdrain)	19
102522	Culver City	(unknown)	Bioretention (No Underdrain)	1,469
102522	Culver City	Bristol Pkwy	Bioretention (No Underdrain)	6
102522	Culver City	Buckingham Pkwy	Bioretention (No Underdrain)	1,055
102522	Culver City	Corryne Pl	Bioretention (No Underdrain)	100
102522	Culver City	Cranks Rd	Bioretention (No Underdrain)	42
102522	Culver City	Esterina Way	Bioretention (No Underdrain)	313
102522	Culver City	Hannum Ave	Bioretention (No Underdrain)	421
102522	Culver City	Hill Rd	Bioretention (No Underdrain)	35
102522	Culver City	Jefferson Blvd	Bioretention (No Underdrain)	391
102522	Culver City	Knightsbridge Ave	Bioretention (No Underdrain)	83
102522	Culver City	Linda Way	Bioretention (No Underdrain)	12
102522	Culver City	Playa Ct	Bioretention (No Underdrain)	58
102522	Culver City	Playa St	Bioretention (No Underdrain)	109
102522	Culver City	S Sepulveda Blvd	Bioretention (No Underdrain)	1,355
102522	Culver City	Sepulveda Blvd	Bioretention (No Underdrain)	1,355
102522	Culver City	Slauson Ave	Bioretention (No Underdrain)	2,612
102522	Culver City	W Slauson Ave	Bioretention (No Underdrain)	2,640
102622	Culver City	(unknown)	Bioretention (No Underdrain)	962
102622	Culver City	Arizona Ave	Bioretention (No Underdrain)	103
102622	Culver City	Green Valley Cir	Bioretention (No Underdrain)	793
102622	Culver City	Hannum Ave	Bioretention (No Underdrain)	257
102622	Culver City	S Sepulveda Blvd	Bioretention (No Underdrain)	2,311
102622	Culver City	Selmaraine Dr	Bioretention (No Underdrain)	183
102622	Culver City	Sepulveda Blvd	Bioretention (No Underdrain)	2,311
102622	Culver City	W Centinela Ave	Bioretention (No Underdrain)	1,114

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102722	Culver City	(unknown)	Bioretention (No Underdrain)	308
102722	Culver City	Bristol Pkwy	Bioretention (No Underdrain)	1,770
102722	Culver City	Buckingham Pkwy	Bioretention (No Underdrain)	2,325
102722	Culver City	Cambridge Way	Bioretention (No Underdrain)	229
102722	Culver City	Canterbury Dr	Bioretention (No Underdrain)	1,638
102722	Culver City	Corporate Pointe	Bioretention (No Underdrain)	104
102722	Culver City	Corporate Pointe Walk	Bioretention (No Underdrain)	104
102722	Culver City	Doverwood Dr	Bioretention (No Underdrain)	615
102722	Culver City	Green Valley Cir	Bioretention (No Underdrain)	1,330
102722	Culver City	Hannum Ave	Bioretention (No Underdrain)	1,582
102722	Culver City	Kensington Way	Bioretention (No Underdrain)	274
102722	Culver City	N Summer Way	Bioretention (No Underdrain)	405
102722	Culver City	Sumner Way	Bioretention (No Underdrain)	405
102722	Culver City	Uplander Way	Bioretention (No Underdrain)	1,676
102722	Culver City	W Slauson Ave	Bioretention (No Underdrain)	2,092
102722	Culver City	Windsor Way	Bioretention (No Underdrain)	361
102822	Culver City	(unknown)	Bioretention (No Underdrain)	543
102822	Culver City	Bristol Pkwy	Bioretention (No Underdrain)	337
102822	Culver City	Canterbury Dr	Bioretention (No Underdrain)	932
102822	Culver City	Green Valley Cir	Bioretention (No Underdrain)	1,035
102822	Culver City	W Centinela Ave	Bioretention (No Underdrain)	1,982
102822	Culver City	W Slauson Ave	Bioretention (No Underdrain)	96
102822	Culver City	Windsor Way	Bioretention (No Underdrain)	66
103122	Culver City	(unknown)	Bioretention (No Underdrain)	7,200
103122	Culver City	Albright Ave	Bioretention (No Underdrain)	2,955
103122	Culver City	Barman Ave	Bioretention (No Underdrain)	861
103122	Culver City	Berryman Ave	Bioretention (No Underdrain)	1,937
103122	Culver City	Bledsoe Ave	Bioretention (No Underdrain)	1,504
103122	Culver City	Braddock Dr	Bioretention (No Underdrain)	655
103122	Culver City	Coolidge Ave	Bioretention (No Underdrain)	2,050
103122	Culver City	Culver Blvd	Bioretention (No Underdrain)	592
103122	Culver City	Globe Ave	Bioretention (No Underdrain)	1,861
103122	Culver City	Herbert St	Bioretention (No Underdrain)	1,632
103122	Culver City	Huntley Ave	Bioretention (No Underdrain)	390
103122	Culver City	Matteson Ave	Bioretention (No Underdrain)	414
103122	Culver City	McLaughlin Ave	Bioretention (No Underdrain)	292
103122	Culver City	Minerva Ave	Bioretention (No Underdrain)	1,659
103122	Culver City	Purdue Ave	Bioretention (No Underdrain)	152
103122	Culver City	Sawtelle Blvd	Bioretention (No Underdrain)	3,232
103122	Culver City	Tuller Ave	Bioretention (No Underdrain)	871
103122	Culver City	W Washington Blvd	Bioretention (No Underdrain)	2,012
103122	Culver City	Washington Blvd	Bioretention (No Underdrain)	2,012
104622	Culver City	(unknown)	Bioretention (No Underdrain)	52
104622	Culver City	Baldwin Ave	Bioretention (No Underdrain)	1,734
104622	Culver City	Braddock Dr	Bioretention (No Underdrain)	555
104622	Culver City	Culver Blvd	Bioretention (No Underdrain)	210
104622	Culver City	Farragut Dr	Bioretention (No Underdrain)	875
104622	Culver City	Jackson Ave	Bioretention (No Underdrain)	3,030
104622	Culver City	la Salle Ave	Bioretention (No Underdrain)	2,636
104622	Culver City	Leahy St	Bioretention (No Underdrain)	471
104622	Culver City	Madison Ave	Bioretention (No Underdrain)	7
104622	Culver City	Pearson St	Bioretention (No Underdrain)	413
104622	Culver City	Revere Pl	Bioretention (No Underdrain)	921
104722	Culver City	(unknown)	Bioretention (No Underdrain)	68
104722	Culver City	Duquesne Ave	Bioretention (No Underdrain)	186

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
104722	Culver City	Jefferson Blvd	Bioretention (No Underdrain)	32
104822	Culver City	(unknown)	Bioretention (No Underdrain)	150
104822	Culver City	Duquesne Ave	Bioretention (No Underdrain)	75
104822	Culver City	Jefferson Blvd	Bioretention (No Underdrain)	1,570
104922	Culver City	(unknown)	Bioretention (No Underdrain)	292
104922	Culver City	Bagley Ave	Bioretention (No Underdrain)	0
104922	Culver City	Braddock Dr	Bioretention (No Underdrain)	1,553
104922	Culver City	Cardiff Ave	Bioretention (No Underdrain)	433
104922	Culver City	Culver Blvd	Bioretention (No Underdrain)	2,969
104922	Culver City	Culver City Police Dept	Bioretention (No Underdrain)	40
104922	Culver City	Delmas Ter	Bioretention (No Underdrain)	469
104922	Culver City	Dunn Dr	Bioretention (No Underdrain)	31
104922	Culver City	Duquesne Ave	Bioretention (No Underdrain)	335
104922	Culver City	Farragut Dr	Bioretention (No Underdrain)	433
104922	Culver City	Grant Ave	Bioretention (No Underdrain)	75
104922	Culver City	Hughes Ave	Bioretention (No Underdrain)	26
104922	Culver City	Ince Blvd	Bioretention (No Underdrain)	302
104922	Culver City	Irving Pl	Bioretention (No Underdrain)	972
104922	Culver City	Lafayette Pl	Bioretention (No Underdrain)	1,043
104922	Culver City	Lincoln Ave	Bioretention (No Underdrain)	924
104922	Culver City	Madison Ave	Bioretention (No Underdrain)	3,596
104922	Culver City	Main St	Bioretention (No Underdrain)	368
104922	Culver City	S Canfield Ave	Bioretention (No Underdrain)	134
104922	Culver City	School St	Bioretention (No Underdrain)	382
104922	Culver City	Van Buren Pl	Bioretention (No Underdrain)	742
104922	Culver City	W Washington Blvd	Bioretention (No Underdrain)	884
104922	Culver City	Washington Blvd	Bioretention (No Underdrain)	1,166
104922	Culver City	Watseka Ave	Bioretention (No Underdrain)	510
106122	Culver City	(unknown)	Bioretention (No Underdrain)	315
106122	Culver City	Adams Blvd	Bioretention (No Underdrain)	763
106122	Culver City	Blackwelder St	Bioretention (No Underdrain)	971
106122	Culver City	Duquesne Ave	Bioretention (No Underdrain)	51
106122	Culver City	Fairfax Ave	Bioretention (No Underdrain)	149
106122	Culver City	Higuera St	Bioretention (No Underdrain)	9
106122	Culver City	Hines Ave	Bioretention (No Underdrain)	366
106122	Culver City	Lincoln Ave	Bioretention (No Underdrain)	10
106122	Culver City	Perry Dr	Bioretention (No Underdrain)	595
106122	Culver City	S Fairfax Ave	Bioretention (No Underdrain)	84
106122	Culver City	S la Cienega Blvd	Bioretention (No Underdrain)	1,189
106122	Culver City	Smiley Dr	Bioretention (No Underdrain)	866
106122	Culver City	W Washington Blvd	Bioretention (No Underdrain)	330
106122	Culver City	Washington Blvd	Bioretention (No Underdrain)	330
106222	Culver City	(unknown)	Bioretention (No Underdrain)	262
106222	Culver City	Carson St	Bioretention (No Underdrain)	1,971
106222	Culver City	Culver Blvd	Bioretention (No Underdrain)	1,704
106222	Culver City	Culver City Police Dept	Bioretention (No Underdrain)	28
106222	Culver City	Delmas Ter	Bioretention (No Underdrain)	56
106222	Culver City	Duquesne Ave	Bioretention (No Underdrain)	1,071
106222	Culver City	E Carson St	Bioretention (No Underdrain)	1,971
106222	Culver City	Exposition Blvd	Bioretention (No Underdrain)	396
106222	Culver City	Hayden Pl	Bioretention (No Underdrain)	754
106222	Culver City	Higuera St	Bioretention (No Underdrain)	1,903
106222	Culver City	Hoke Ave	Bioretention (No Underdrain)	150
106222	Culver City	Hubbard St	Bioretention (No Underdrain)	1,543
106222	Culver City	Hughes Ave	Bioretention (No Underdrain)	10

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
106222	Culver City	Ince Blvd	Bioretention (No Underdrain)	2,232
106222	Culver City	Krueger St	Bioretention (No Underdrain)	1,328
106222	Culver City	Lafayette Pl	Bioretention (No Underdrain)	20
106222	Culver City	Landmark St	Bioretention (No Underdrain)	764
106222	Culver City	Lindblade St	Bioretention (No Underdrain)	1,311
106222	Culver City	Lucerne Ave	Bioretention (No Underdrain)	846
106222	Culver City	National Blvd	Bioretention (No Underdrain)	546
106222	Culver City	Poinsettia Ct	Bioretention (No Underdrain)	716
106222	Culver City	Robertson Blvd	Bioretention (No Underdrain)	529
106222	Culver City	Van Buren Pl	Bioretention (No Underdrain)	71
106222	Culver City	W Washington Blvd	Bioretention (No Underdrain)	3,769
106222	Culver City	Washington Blvd	Bioretention (No Underdrain)	3,805
106222	Culver City	Watseka Ave	Bioretention (No Underdrain)	21
106222	Culver City	Wesley St	Bioretention (No Underdrain)	1,954
106222	Culver City	Willat Ave	Bioretention (No Underdrain)	329
106322	Culver City	(unknown)	Bioretention (No Underdrain)	274
106322	Culver City	Adams Blvd	Bioretention (No Underdrain)	7
106322	Culver City	Burchard Ave	Bioretention (No Underdrain)	96
106322	Culver City	Comey Ave	Bioretention (No Underdrain)	106
106322	Culver City	Dauphin Ave	Bioretention (No Underdrain)	170
106322	Culver City	Dauphin St	Bioretention (No Underdrain)	170
106322	Culver City	David Ave	Bioretention (No Underdrain)	97
106322	Culver City	Ernest Ave	Bioretention (No Underdrain)	75
106322	Culver City	Hines Ave	Bioretention (No Underdrain)	64
106322	Culver City	S la Cienega Blvd	Bioretention (No Underdrain)	231
106322	Culver City	W Washington Blvd	Bioretention (No Underdrain)	1,354
106322	Culver City	Washington Blvd	Bioretention (No Underdrain)	1,354
106422	Culver City	(unknown)	Bioretention (No Underdrain)	2,613
106422	Culver City	Caroline Ave	Bioretention (No Underdrain)	873
106422	Culver City	Cattaraugus Ave	Bioretention (No Underdrain)	1,154
106422	Culver City	Eastham Dr	Bioretention (No Underdrain)	14
106422	Culver City	Fay Ave	Bioretention (No Underdrain)	1,306
106422	Culver City	Hargis St	Bioretention (No Underdrain)	34
106422	Culver City	Hayden Ave	Bioretention (No Underdrain)	63
106422	Culver City	Helms Ave	Bioretention (No Underdrain)	760
106422	Culver City	Hutchison Ave	Bioretention (No Underdrain)	17
106422	Culver City	Jacob St	Bioretention (No Underdrain)	2,445
106422	Culver City	la Cienega Ave	Bioretention (No Underdrain)	28
106422	Culver City	McManus Ave	Bioretention (No Underdrain)	1,136
106422	Culver City	Melvil St	Bioretention (No Underdrain)	33
106422	Culver City	Reid Ave	Bioretention (No Underdrain)	1,047
106422	Culver City	Reid St	Bioretention (No Underdrain)	1,047
106422	Culver City	Roberts Ave	Bioretention (No Underdrain)	1,097
106422	Culver City	S Sherbourne Dr	Bioretention (No Underdrain)	22
106422	Culver City	Schaefer St	Bioretention (No Underdrain)	28
106422	Culver City	Sentney Ave	Bioretention (No Underdrain)	666
106422	Culver City	Sherbourne Dr	Bioretention (No Underdrain)	999
106422	Culver City	Smiley Dr	Bioretention (No Underdrain)	166
106422	Culver City	W Washington Blvd	Bioretention (No Underdrain)	2,674
106422	Culver City	Washington Blvd	Bioretention (No Underdrain)	2,674
106422	Culver City	Wesley St	Bioretention (No Underdrain)	27
106522	Culver City	(unknown)	Bioretention (No Underdrain)	455
106522	Culver City	Eastham Dr	Bioretention (No Underdrain)	1,020
106522	Culver City	Hayden Ave	Bioretention (No Underdrain)	1,162
106522	Culver City	Hayden Pl	Bioretention (No Underdrain)	1,168

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
106522	Culver City	Helms Ave	Bioretention (No Underdrain)	1,582
106522	Culver City	Higuera St	Bioretention (No Underdrain)	3,235
106522	Culver City	Schaefer St	Bioretention (No Underdrain)	1,607
106522	Culver City	Steller Dr	Bioretention (No Underdrain)	1,045
106522	Culver City	Warner Dr	Bioretention (No Underdrain)	1,055
106722	Culver City	(unknown)	Bioretention (No Underdrain)	446
106722	Culver City	Hollyview Ter	Bioretention (No Underdrain)	59
106722	Culver City	S la Cienega Blvd	Bioretention (No Underdrain)	1,793
106722	Culver City	Vicstone Ct	Bioretention (No Underdrain)	343
106722	Culver City	Wrightcrest Dr	Bioretention (No Underdrain)	69
106822	Culver City	(unknown)	Bioretention (No Underdrain)	2,597
106822	Culver City	Duquesne Ave	Bioretention (No Underdrain)	1,380
106822	Culver City	Farragut Dr	Bioretention (No Underdrain)	1,136
106822	Culver City	Irving Pl	Bioretention (No Underdrain)	1,302
106822	Culver City	Lafayette Pl	Bioretention (No Underdrain)	1,210
106822	Culver City	Lincoln Ave	Bioretention (No Underdrain)	1,620
106822	Culver City	Lucerne Ave	Bioretention (No Underdrain)	1,408
106822	Culver City	Van Buren Pl	Bioretention (No Underdrain)	1,488
106922	Culver City	(unknown)	Bioretention (No Underdrain)	1,085
106922	Culver City	Blairstone Dr	Bioretention (No Underdrain)	672
106922	Culver City	Crestview Rd	Bioretention (No Underdrain)	224
106922	Culver City	Hollyview Ter	Bioretention (No Underdrain)	93
106922	Culver City	Howardview Ct	Bioretention (No Underdrain)	112
106922	Culver City	Ivy Way	Bioretention (No Underdrain)	540
106922	Culver City	Jefferson Blvd	Bioretention (No Underdrain)	57
106922	Culver City	Leeview Ct	Bioretention (No Underdrain)	136
106922	Culver City	Lenawee Ave	Bioretention (No Underdrain)	1,148
106922	Culver City	Perham Dr	Bioretention (No Underdrain)	184
106922	Culver City	Stoneview Dr	Bioretention (No Underdrain)	716
106922	Culver City	Ver Halen Ct	Bioretention (No Underdrain)	238
106922	Culver City	Vicstone Ct	Bioretention (No Underdrain)	6
106922	Culver City	W Jefferson Blvd	Bioretention (No Underdrain)	429
106922	Culver City	Wrightcrest Dr	Bioretention (No Underdrain)	879
108322	Culver City	(unknown)	Bioretention (No Underdrain)	893
108322	Culver City	Cattaraugus Ave	Bioretention (No Underdrain)	191
108322	Culver City	Fay Ave	Bioretention (No Underdrain)	187
108322	Culver City	Hargis St	Bioretention (No Underdrain)	185
108322	Culver City	Helms Ave	Bioretention (No Underdrain)	58
108322	Culver City	Hutchison Ave	Bioretention (No Underdrain)	197
108322	Culver City	la Cienega Ave	Bioretention (No Underdrain)	198
108322	Culver City	McManus Ave	Bioretention (No Underdrain)	184
108322	Culver City	Melvil St	Bioretention (No Underdrain)	190
108322	Culver City	S Sherbourne Dr	Bioretention (No Underdrain)	194
108322	Culver City	W Washington Blvd	Bioretention (No Underdrain)	3,237
108322	Culver City	Washington Blvd	Bioretention (No Underdrain)	3,237
109322	Culver City	(unknown)	Bioretention (No Underdrain)	1,052
109322	Culver City	Burchard Ave	Bioretention (No Underdrain)	126
109322	Culver City	Comey Ave	Bioretention (No Underdrain)	116
109322	Culver City	Dauphin Ave	Bioretention (No Underdrain)	45
109322	Culver City	Dauphin St	Bioretention (No Underdrain)	45
109322	Culver City	David Ave	Bioretention (No Underdrain)	116
109322	Culver City	Ernest Ave	Bioretention (No Underdrain)	138
109322	Culver City	S Fairfax Ave	Bioretention (No Underdrain)	16
109322	Culver City	S la Cienega Blvd	Bioretention (No Underdrain)	22
117522	Culver City	W Centinela Ave	Bioretention (No Underdrain)	307

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102837	Inglewood	(unknown)	Bioretention (No Underdrain)	3,465
102837	Inglewood	Acacia St	Bioretention (No Underdrain)	1
102837	Inglewood	Austin Ave	Bioretention (No Underdrain)	47
102837	Inglewood	Centinela Ave	Bioretention (No Underdrain)	3,031
102837	Inglewood	Cory Dr	Bioretention (No Underdrain)	943
102837	Inglewood	Enterprise Ave	Bioretention (No Underdrain)	795
102837	Inglewood	Evergreen St	Bioretention (No Underdrain)	1,229
102837	Inglewood	Flora Dr	Bioretention (No Underdrain)	406
102837	Inglewood	Glenway Dr	Bioretention (No Underdrain)	1,731
102837	Inglewood	Hardin Dr	Bioretention (No Underdrain)	318
102837	Inglewood	Hill St	Bioretention (No Underdrain)	1,424
102837	Inglewood	Kew St	Bioretention (No Underdrain)	340
102837	Inglewood	Kincaid Ave	Bioretention (No Underdrain)	679
102837	Inglewood	Kincaid St	Bioretention (No Underdrain)	679
102837	Inglewood	Knowlton St	Bioretention (No Underdrain)	15
102837	Inglewood	la Tijera Blvd	Bioretention (No Underdrain)	1,366
102837	Inglewood	Laurelwood Dr	Bioretention (No Underdrain)	774
102837	Inglewood	N Acacia St	Bioretention (No Underdrain)	2,503
102837	Inglewood	N Beach St	Bioretention (No Underdrain)	281
102837	Inglewood	N Cedar St	Bioretention (No Underdrain)	861
102837	Inglewood	N Inglewood Ave	Bioretention (No Underdrain)	1,775
102837	Inglewood	S Copperwood Ave	Bioretention (No Underdrain)	990
102837	Inglewood	S Fairfax Ave	Bioretention (No Underdrain)	165
102837	Inglewood	S la Cienega Blvd	Bioretention (No Underdrain)	3,675
102837	Inglewood	S la Tijera Blvd	Bioretention (No Underdrain)	1,366
102837	Inglewood	S Laurelwood Dr	Bioretention (No Underdrain)	774
102837	Inglewood	Short St	Bioretention (No Underdrain)	716
102837	Inglewood	Venice Way	Bioretention (No Underdrain)	1,689
102837	Inglewood	Victor Ave	Bioretention (No Underdrain)	1,566
102837	Inglewood	W 64th Pl	Bioretention (No Underdrain)	2,533
102837	Inglewood	W 64th St	Bioretention (No Underdrain)	2,149
102837	Inglewood	W Amberwood Dr	Bioretention (No Underdrain)	588
102837	Inglewood	W Beach Ave	Bioretention (No Underdrain)	3,556
102837	Inglewood	W Centinela Ave	Bioretention (No Underdrain)	13
102837	Inglewood	W Ellis Ave	Bioretention (No Underdrain)	2,896
102837	Inglewood	W Fairview Blvd	Bioretention (No Underdrain)	2,935
102837	Inglewood	W Goldenwood Dr	Bioretention (No Underdrain)	299
102837	Inglewood	W Hillsdale St	Bioretention (No Underdrain)	2,987
102837	Inglewood	W Plymouth St	Bioretention (No Underdrain)	1,592
103037	Inglewood	(unknown)	Bioretention (No Underdrain)	31,942
103037	Inglewood	Alpha St	Bioretention (No Underdrain)	858
103037	Inglewood	Alviso Ave	Bioretention (No Underdrain)	303
103037	Inglewood	Austin Ave	Bioretention (No Underdrain)	527
103037	Inglewood	Buckler Ave	Bioretention (No Underdrain)	1,058
103037	Inglewood	Cable Pl	Bioretention (No Underdrain)	10
103037	Inglewood	Centinela Ave	Bioretention (No Underdrain)	4,740
103037	Inglewood	Condon Ave	Bioretention (No Underdrain)	120
103037	Inglewood	E 64th Pl	Bioretention (No Underdrain)	907
103037	Inglewood	E 65th St	Bioretention (No Underdrain)	3,619
103037	Inglewood	E 66th St	Bioretention (No Underdrain)	2,082
103037	Inglewood	E 67th St	Bioretention (No Underdrain)	4,555
103037	Inglewood	E 68th St	Bioretention (No Underdrain)	1,568
103037	Inglewood	E Beach Ave	Bioretention (No Underdrain)	2,288
103037	Inglewood	E Brett St	Bioretention (No Underdrain)	4,699
103037	Inglewood	E Ellis Ave	Bioretention (No Underdrain)	2,724

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103037	Inglewood	E Fair Pl	Bioretention (No Underdrain)	131
103037	Inglewood	E Fairview Blvd	Bioretention (No Underdrain)	6,186
103037	Inglewood	E Florence Ave	Bioretention (No Underdrain)	1,292
103037	Inglewood	E Hazel St	Bioretention (No Underdrain)	3,163
103037	Inglewood	E Hillsdale St	Bioretention (No Underdrain)	2,443
103037	Inglewood	E Hyde Park Blvd	Bioretention (No Underdrain)	7,265
103037	Inglewood	E Hyde Park Pl	Bioretention (No Underdrain)	1,386
103037	Inglewood	E Ivy Ave	Bioretention (No Underdrain)	972
103037	Inglewood	E Park Way	Bioretention (No Underdrain)	401
103037	Inglewood	E Plymouth St	Bioretention (No Underdrain)	1,583
103037	Inglewood	E Queen St	Bioretention (No Underdrain)	1,345
103037	Inglewood	E Regent St	Bioretention (No Underdrain)	2,078
103037	Inglewood	Edgewood St	Bioretention (No Underdrain)	3,139
103037	Inglewood	Eileen Ave	Bioretention (No Underdrain)	0
103037	Inglewood	Fair Pl	Bioretention (No Underdrain)	345
103037	Inglewood	Field Ave	Bioretention (No Underdrain)	896
103037	Inglewood	Forest St	Bioretention (No Underdrain)	680
103037	Inglewood	Glenway Dr	Bioretention (No Underdrain)	357
103037	Inglewood	Grace Ave	Bioretention (No Underdrain)	2,039
103037	Inglewood	Grosvenor St	Bioretention (No Underdrain)	740
103037	Inglewood	Hargrave St	Bioretention (No Underdrain)	3,076
103037	Inglewood	High St	Bioretention (No Underdrain)	272
103037	Inglewood	Industrial Ave	Bioretention (No Underdrain)	412
103037	Inglewood	Inglewood Ave	Bioretention (No Underdrain)	311
103037	Inglewood	Keniston Ave	Bioretention (No Underdrain)	0
103037	Inglewood	la Brea Ave	Bioretention (No Underdrain)	7,125
103037	Inglewood	Lamos St	Bioretention (No Underdrain)	485
103037	Inglewood	Meadowbrook Ln	Bioretention (No Underdrain)	39
103037	Inglewood	N Ash Ave	Bioretention (No Underdrain)	469
103037	Inglewood	N Cedar Ave	Bioretention (No Underdrain)	1,059
103037	Inglewood	N Chester Ave	Bioretention (No Underdrain)	2,339
103037	Inglewood	N Eucalyptus Ave	Bioretention (No Underdrain)	6,552
103037	Inglewood	N Exton Ave	Bioretention (No Underdrain)	1,491
103037	Inglewood	N Fir Ave	Bioretention (No Underdrain)	854
103037	Inglewood	N Gay St	Bioretention (No Underdrain)	2,558
103037	Inglewood	N Grevillea Ave	Bioretention (No Underdrain)	467
103037	Inglewood	N Hillcrest Blvd	Bioretention (No Underdrain)	1,727
103037	Inglewood	N Inglewood Ave	Bioretention (No Underdrain)	2,422
103037	Inglewood	N Lamos St	Bioretention (No Underdrain)	49
103037	Inglewood	N Locust St	Bioretention (No Underdrain)	1,427
103037	Inglewood	N Long St	Bioretention (No Underdrain)	2,367
103037	Inglewood	N Market St	Bioretention (No Underdrain)	5,209
103037	Inglewood	N Marlborough Ave	Bioretention (No Underdrain)	2,314
103037	Inglewood	N Oak St	Bioretention (No Underdrain)	3,297
103037	Inglewood	N Osage Ave	Bioretention (No Underdrain)	341
103037	Inglewood	N Park Ave	Bioretention (No Underdrain)	2,795
103037	Inglewood	N Prairie Ave	Bioretention (No Underdrain)	1,080
103037	Inglewood	Overhill Dr	Bioretention (No Underdrain)	512
103037	Inglewood	Pepper Ct	Bioretention (No Underdrain)	338
103037	Inglewood	Pine Ct	Bioretention (No Underdrain)	277
103037	Inglewood	S Ash Ave	Bioretention (No Underdrain)	282
103037	Inglewood	S Cedar Ave	Bioretention (No Underdrain)	290
103037	Inglewood	S Eucalyptus Ave	Bioretention (No Underdrain)	284
103037	Inglewood	S Fir Ave	Bioretention (No Underdrain)	296
103037	Inglewood	S Harcourt Ave	Bioretention (No Underdrain)	0

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103037	Inglewood	S Inglewood Ave	Bioretention (No Underdrain)	311
103037	Inglewood	S la Brea Ave	Bioretention (No Underdrain)	7,125
103037	Inglewood	S la Cienega Blvd	Bioretention (No Underdrain)	1,181
103037	Inglewood	S Locust St	Bioretention (No Underdrain)	187
103037	Inglewood	S Market St	Bioretention (No Underdrain)	182
103037	Inglewood	S Oak St	Bioretention (No Underdrain)	286
103037	Inglewood	S Verdun Ave	Bioretention (No Underdrain)	0
103037	Inglewood	Saint John Pl	Bioretention (No Underdrain)	1,112
103037	Inglewood	Stepney Pl	Bioretention (No Underdrain)	725
103037	Inglewood	Stepney St	Bioretention (No Underdrain)	3,470
103037	Inglewood	Thornburn St	Bioretention (No Underdrain)	12
103037	Inglewood	Venice Way	Bioretention (No Underdrain)	850
103037	Inglewood	Verdun Ave	Bioretention (No Underdrain)	306
103037	Inglewood	Vesta St	Bioretention (No Underdrain)	269
103037	Inglewood	W 64th Pl	Bioretention (No Underdrain)	996
103037	Inglewood	W 64th St	Bioretention (No Underdrain)	2,705
103037	Inglewood	W Beach Ave	Bioretention (No Underdrain)	3,676
103037	Inglewood	W Ellis Ave	Bioretention (No Underdrain)	830
103037	Inglewood	W Fairview Blvd	Bioretention (No Underdrain)	796
103037	Inglewood	W Florence Ave	Bioretention (No Underdrain)	1,983
103037	Inglewood	W Hazel St	Bioretention (No Underdrain)	549
103037	Inglewood	W Hillsdale St	Bioretention (No Underdrain)	848
103037	Inglewood	W Hyde Park Blvd	Bioretention (No Underdrain)	5,118
103037	Inglewood	W Ivy Ave	Bioretention (No Underdrain)	953
103037	Inglewood	W Juniper St	Bioretention (No Underdrain)	571
103037	Inglewood	W Plymouth St	Bioretention (No Underdrain)	1,099
103037	Inglewood	W Queen St	Bioretention (No Underdrain)	4,122
103037	Inglewood	W Regent St	Bioretention (No Underdrain)	3,819
103037	Inglewood	Warren Ln	Bioretention (No Underdrain)	2,998
103037	Inglewood	Welton Way	Bioretention (No Underdrain)	2,479
103037	Inglewood	Wexham Way	Bioretention (No Underdrain)	1,750
108037	Inglewood	(unknown)	Bioretention (No Underdrain)	8,900
108037	Inglewood	5th Ave	Bioretention (No Underdrain)	87
108037	Inglewood	7th Ave	Bioretention (No Underdrain)	2,205
108037	Inglewood	8th Ave	Bioretention (No Underdrain)	1,889
108037	Inglewood	Crenshaw Blvd	Bioretention (No Underdrain)	674
108037	Inglewood	E Florence Ave	Bioretention (No Underdrain)	534
108037	Inglewood	Maitland Ave	Bioretention (No Underdrain)	1,677
108037	Inglewood	Park Cir	Bioretention (No Underdrain)	743
108037	Inglewood	S 10th Ave	Bioretention (No Underdrain)	479
108037	Inglewood	S 2nd Ave	Bioretention (No Underdrain)	4,080
108037	Inglewood	S 3rd Ave	Bioretention (No Underdrain)	4,015
108037	Inglewood	S 4th Ave	Bioretention (No Underdrain)	1,818
108037	Inglewood	S 5th Ave	Bioretention (No Underdrain)	4,154
108037	Inglewood	S Byrd Ave	Bioretention (No Underdrain)	1,510
108037	Inglewood	S Van Ness Ave	Bioretention (No Underdrain)	4,866
108037	Inglewood	S Victoria Ave	Bioretention (No Underdrain)	663
108037	Inglewood	W 3rd Ave	Bioretention (No Underdrain)	973
108037	Inglewood	W 74th Pl	Bioretention (No Underdrain)	540
108037	Inglewood	W 75th Pl	Bioretention (No Underdrain)	458
108037	Inglewood	W 77th St	Bioretention (No Underdrain)	2,681
108037	Inglewood	W 78th Pl	Bioretention (No Underdrain)	3,178
108037	Inglewood	W 78th St	Bioretention (No Underdrain)	3,175
108037	Inglewood	W 79th St	Bioretention (No Underdrain)	3,172
108037	Inglewood	W 80th St	Bioretention (No Underdrain)	4,817

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
108037	Inglewood	W 81st St	Bioretention (No Underdrain)	4,761
108037	Inglewood	W 82nd Pl	Bioretention (No Underdrain)	200
108037	Inglewood	W 82nd St	Bioretention (No Underdrain)	1,086
108037	Inglewood	W 83rd St	Bioretention (No Underdrain)	843
108037	Inglewood	W 84th Pl	Bioretention (No Underdrain)	1,087
108037	Inglewood	W 84th St	Bioretention (No Underdrain)	534
108037	Inglewood	W 85th St	Bioretention (No Underdrain)	1,110
108037	Inglewood	W 88th St	Bioretention (No Underdrain)	1,314
108037	Inglewood	W 90th St	Bioretention (No Underdrain)	659
108037	Inglewood	West Blvd	Bioretention (No Underdrain)	1,613
103275	Los Angeles	Ballona Promenade Park	Bioretention (No Underdrain)	135
103275	Los Angeles	Bay St	Bioretention (No Underdrain)	83
103275	Los Angeles	S Pacific Ave	Bioretention (No Underdrain)	263
103275	Los Angeles	(unknown)	Bioretention (No Underdrain)	622
103275	Los Angeles	Admiral Ave	Bioretention (No Underdrain)	1,373
103275	Los Angeles	Alla Rd	Bioretention (No Underdrain)	5,576
103275	Los Angeles	Beach Ave	Bioretention (No Underdrain)	18
103275	Los Angeles	Beethoven St	Bioretention (No Underdrain)	5,506
103275	Los Angeles	Bonaparte Ave	Bioretention (No Underdrain)	1,308
103275	Los Angeles	Culver Blvd	Bioretention (No Underdrain)	1,229
103275	Los Angeles	Gilmore Ave	Bioretention (No Underdrain)	1,281
103275	Los Angeles	Glencoe Ave	Bioretention (No Underdrain)	327
103275	Los Angeles	Greene Ave	Bioretention (No Underdrain)	1,238
103275	Los Angeles	Hager Ave	Bioretention (No Underdrain)	1,033
103275	Los Angeles	Ida Ave	Bioretention (No Underdrain)	1,671
103275	Los Angeles	Lyceum Ave	Bioretention (No Underdrain)	3,617
103275	Los Angeles	Maxella Ave	Bioretention (No Underdrain)	1,923
103275	Los Angeles	Michael Ave	Bioretention (No Underdrain)	2,071
103275	Los Angeles	Mindanao Way	Bioretention (No Underdrain)	95
103275	Los Angeles	Moore St	Bioretention (No Underdrain)	769
103275	Los Angeles	Panama St	Bioretention (No Underdrain)	697
103275	Los Angeles	Redwood Ave	Bioretention (No Underdrain)	2,093
103275	Los Angeles	Rubens Ave	Bioretention (No Underdrain)	1,358
103275	Los Angeles	S Alla Rd	Bioretention (No Underdrain)	29
103275	Los Angeles	S Beethoven St	Bioretention (No Underdrain)	41
103275	Los Angeles	S Tivoli Ave	Bioretention (No Underdrain)	23
103275	Los Angeles	Short Ave	Bioretention (No Underdrain)	1,177
103275	Los Angeles	Sunnyside Ave	Bioretention (No Underdrain)	1,226
103275	Los Angeles	Tivoli Ave	Bioretention (No Underdrain)	2,050
101483	Los Angeles	W Marina Fwy	Bioretention (No Underdrain)	35
101583	Los Angeles	Walsh Ave	Bioretention (No Underdrain)	1,227
101583	Los Angeles	Zanja St	Bioretention (No Underdrain)	494
101583	Los Angeles	Culver Blvd	Bioretention (No Underdrain)	1,258
101583	Los Angeles	(unknown)	Bioretention (No Underdrain)	200
101583	Los Angeles	Alla Rd	Bioretention (No Underdrain)	319
101583	Los Angeles	Alley	Bioretention (No Underdrain)	51
101583	Los Angeles	Culver Blvd	Bioretention (No Underdrain)	1,033
102383	Los Angeles	Fiji Way	Bioretention (No Underdrain)	1,094
102383	Los Angeles	Glencoe Ave	Bioretention (No Underdrain)	2,649
102383	Los Angeles	la Villa Marina	Bioretention (No Underdrain)	850
102583	Los Angeles	Mindanao Way	Bioretention (No Underdrain)	1,955
102583	Los Angeles	Panama St	Bioretention (No Underdrain)	695
102583	Los Angeles	Redwood Ave	Bioretention (No Underdrain)	779
102583	Los Angeles	(unknown)	Bioretention (No Underdrain)	43
102583	Los Angeles	Culver Dr	Bioretention (No Underdrain)	40

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102583	Los Angeles	Inglewood Blvd	Bioretention (No Underdrain)	65
102583	Los Angeles	Marshall Dr	Bioretention (No Underdrain)	12
102583	Los Angeles	Purdue Ave	Bioretention (No Underdrain)	5
102583	Los Angeles	S Centinela Ave	Bioretention (No Underdrain)	101
102583	Los Angeles	S Sepulveda Blvd	Bioretention (No Underdrain)	60
102583	Los Angeles	S Slauson Ave	Bioretention (No Underdrain)	125
102583	Los Angeles	S Sycamore Dr	Bioretention (No Underdrain)	81
102583	Los Angeles	Sawtelle Blvd	Bioretention (No Underdrain)	53
102583	Los Angeles	Sepulveda Blvd	Bioretention (No Underdrain)	157
102583	Los Angeles	Allin St	Bioretention (No Underdrain)	449
102583	Los Angeles	Braddock Dr	Bioretention (No Underdrain)	759
102583	Los Angeles	Havelock Ave	Bioretention (No Underdrain)	578
102583	Los Angeles	Mascagni St	Bioretention (No Underdrain)	1,296
102583	Los Angeles	Milton St	Bioretention (No Underdrain)	1,225
102583	Los Angeles	Patrae St	Bioretention (No Underdrain)	112
102583	Los Angeles	Presnell St	Bioretention (No Underdrain)	450
102583	Los Angeles	Wagner St	Bioretention (No Underdrain)	174
102583	Los Angeles	(unknown)	Bioretention (No Underdrain)	57
102583	Los Angeles	Argan Ave	Bioretention (No Underdrain)	251
102883	Los Angeles	Beloit Ave	Bioretention (No Underdrain)	1,003
102883	Los Angeles	Berryman Ave	Bioretention (No Underdrain)	1,610
102883	Los Angeles	Braddock Dr	Bioretention (No Underdrain)	1,275
102883	Los Angeles	Bradson Pl	Bioretention (No Underdrain)	239
102883	Los Angeles	Coolidge Ave	Bioretention (No Underdrain)	1,834
102883	Los Angeles	Greenlawn Ave	Bioretention (No Underdrain)	578
102883	Los Angeles	Havelock Ave	Bioretention (No Underdrain)	772
102883	Los Angeles	Huntley Ave	Bioretention (No Underdrain)	9
102883	Los Angeles	Imlay Ave	Bioretention (No Underdrain)	1,049
102883	Los Angeles	Lucerne Ave	Bioretention (No Underdrain)	601
102883	Los Angeles	Nina Pl	Bioretention (No Underdrain)	549
102883	Los Angeles	Purdue Ave	Bioretention (No Underdrain)	754
102883	Los Angeles	S Slauson Ave	Bioretention (No Underdrain)	2,257
102883	Los Angeles	Sawtelle Blvd	Bioretention (No Underdrain)	1,823
102883	Los Angeles	Sepulveda Blvd	Bioretention (No Underdrain)	204
102883	Los Angeles	Slauson Ave	Bioretention (No Underdrain)	193
102883	Los Angeles	Sycamore Dr	Bioretention (No Underdrain)	242
102883	Los Angeles	Utopia Ave	Bioretention (No Underdrain)	1,065
102883	Los Angeles	W Tavener Ave	Bioretention (No Underdrain)	30
102883	Los Angeles	Youngworth St	Bioretention (No Underdrain)	423
102883	Los Angeles	(unknown)	Bioretention (No Underdrain)	2,069
102883	Los Angeles	Admiral Ave	Bioretention (No Underdrain)	1,378
102883	Los Angeles	Barbara Ave	Bioretention (No Underdrain)	972
102883	Los Angeles	Boise Ave	Bioretention (No Underdrain)	1,288
102883	Los Angeles	Bonaparte Ave	Bioretention (No Underdrain)	763
102883	Los Angeles	Braddock Dr	Bioretention (No Underdrain)	786
102883	Los Angeles	Caswell Ave	Bioretention (No Underdrain)	2,433
102883	Los Angeles	Chase Ave	Bioretention (No Underdrain)	2,338
102883	Los Angeles	Colonial Ave	Bioretention (No Underdrain)	1,067
102883	Los Angeles	Culver Blvd	Bioretention (No Underdrain)	5,088
102883	Los Angeles	del Ray Blvd	Bioretention (No Underdrain)	99
102883	Los Angeles	Frances Ave	Bioretention (No Underdrain)	1,622
102883	Los Angeles	Gilmore Ave	Bioretention (No Underdrain)	2,237
102883	Los Angeles	Greene Ave	Bioretention (No Underdrain)	2,415
102883	Los Angeles	Harding Ave	Bioretention (No Underdrain)	802
102883	Los Angeles	Havelock Ave	Bioretention (No Underdrain)	240

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102883	Los Angeles	Ida Ave	Bioretention (No Underdrain)	109
102883	Los Angeles	Kelly St	Bioretention (No Underdrain)	75
102883	Los Angeles	Kenyon Ave	Bioretention (No Underdrain)	2,191
102883	Los Angeles	Louise Ave	Bioretention (No Underdrain)	1,531
102883	Los Angeles	Mascagni St	Bioretention (No Underdrain)	1,593
102883	Los Angeles	Matteson Ave	Bioretention (No Underdrain)	2,433
102883	Los Angeles	Maxella Ave	Bioretention (No Underdrain)	151
102883	Los Angeles	May St	Bioretention (No Underdrain)	548
102883	Los Angeles	Mc Cune Ave	Bioretention (No Underdrain)	1,671
102883	Los Angeles	McConnell Ave	Bioretention (No Underdrain)	3,421
102883	Los Angeles	McConnell Blvd	Bioretention (No Underdrain)	42
102883	Los Angeles	McCune Ave	Bioretention (No Underdrain)	1,671
102883	Los Angeles	Meier St	Bioretention (No Underdrain)	223
102883	Los Angeles	Milton St	Bioretention (No Underdrain)	322
102883	Los Angeles	Mitchell Ave	Bioretention (No Underdrain)	2,109
102883	Los Angeles	Moore St	Bioretention (No Underdrain)	3,779
102883	Los Angeles	Neosho Ave	Bioretention (No Underdrain)	2,256
102883	Los Angeles	Pacific Ave	Bioretention (No Underdrain)	2,375
103083	Los Angeles	Panama St	Bioretention (No Underdrain)	115
103083	Los Angeles	Patrae St	Bioretention (No Underdrain)	615
103083	Los Angeles	Presnell St	Bioretention (No Underdrain)	94
103083	Los Angeles	Rosabell St	Bioretention (No Underdrain)	25
103083	Los Angeles	Rubens Ave	Bioretention (No Underdrain)	2,043
103083	Los Angeles	S Westlawn Ave	Bioretention (No Underdrain)	883
103083	Los Angeles	Short Ave	Bioretention (No Underdrain)	2,213
103083	Los Angeles	Stewart Ave	Bioretention (No Underdrain)	2,727
103083	Los Angeles	Verdi St	Bioretention (No Underdrain)	86
103083	Los Angeles	Victoria Ave	Bioretention (No Underdrain)	1,051
103083	Los Angeles	Wade St	Bioretention (No Underdrain)	2,269
103083	Los Angeles	Wagner St	Bioretention (No Underdrain)	1,067
103083	Los Angeles	Walsh Ave	Bioretention (No Underdrain)	2,450
103083	Los Angeles	Wasatch Ave	Bioretention (No Underdrain)	2,990
103083	Los Angeles	Westlawn Ave	Bioretention (No Underdrain)	2,507
103083	Los Angeles	Windward Ave	Bioretention (No Underdrain)	786
103083	Los Angeles	Zanja St	Bioretention (No Underdrain)	807
103083	Los Angeles	(unknown)	Bioretention (No Underdrain)	129
103083	Los Angeles	Allin St	Bioretention (No Underdrain)	270
103083	Los Angeles	Atlantic Ave	Bioretention (No Underdrain)	163
103083	Los Angeles	Avon Way	Bioretention (No Underdrain)	1,269
103083	Los Angeles	Braddock Dr	Bioretention (No Underdrain)	985
103083	Los Angeles	Courtleigh Dr	Bioretention (No Underdrain)	1,245
103083	Los Angeles	Culver Blvd	Bioretention (No Underdrain)	2,257
103083	Los Angeles	East Blvd	Bioretention (No Underdrain)	3,268
103083	Los Angeles	Fire and Svc Rd	Bioretention (No Underdrain)	33
103083	Los Angeles	Havelock Ave	Bioretention (No Underdrain)	214
103083	Los Angeles	Inglewood Blvd	Bioretention (No Underdrain)	3,697
103083	Los Angeles	Kensington Rd	Bioretention (No Underdrain)	911
103083	Los Angeles	Lindblade St	Bioretention (No Underdrain)	773
103083	Los Angeles	Louise Ave	Bioretention (No Underdrain)	519
103083	Los Angeles	Marcasel Ave	Bioretention (No Underdrain)	3,513
103083	Los Angeles	Marcasel Ct	Bioretention (No Underdrain)	50
103083	Los Angeles	Marshall St	Bioretention (No Underdrain)	895
103083	Los Angeles	N Park Ave	Bioretention (No Underdrain)	1,983
103083	Los Angeles	Pacific Ave	Bioretention (No Underdrain)	1,014
103083	Los Angeles	Rowles Ct	Bioretention (No Underdrain)	50

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103083	Los Angeles	S Park Ave	Bioretention (No Underdrain)	1,454
103083	Los Angeles	Stoner Ave	Bioretention (No Underdrain)	1,223
103083	Los Angeles	W South Park Ave	Bioretention (No Underdrain)	468
103083	Los Angeles	Wagner St	Bioretention (No Underdrain)	899
103083	Los Angeles	Washington Pl	Bioretention (No Underdrain)	959
103083	Los Angeles	(unknown)	Bioretention (No Underdrain)	242
103083	Los Angeles	Allin St	Bioretention (No Underdrain)	2,087
103083	Los Angeles	Barbara Ave	Bioretention (No Underdrain)	170
103083	Los Angeles	Braddock Dr	Bioretention (No Underdrain)	2,340
103083	Los Angeles	Campbell Dr	Bioretention (No Underdrain)	2,319
103083	Los Angeles	Caswell Ave	Bioretention (No Underdrain)	160
103083	Los Angeles	Charnock Rd	Bioretention (No Underdrain)	1,270
103083	Los Angeles	Colonial Ave	Bioretention (No Underdrain)	606
103083	Los Angeles	Culver Blvd	Bioretention (No Underdrain)	2,830
103083	Los Angeles	Culver Dr	Bioretention (No Underdrain)	366
103083	Los Angeles	del Ray Blvd	Bioretention (No Underdrain)	40
103083	Los Angeles	Farias Ave	Bioretention (No Underdrain)	295
103083	Los Angeles	Gilmore Ave	Bioretention (No Underdrain)	1,181
103083	Los Angeles	Grand View Blvd	Bioretention (No Underdrain)	6,102
103083	Los Angeles	Greene Ave	Bioretention (No Underdrain)	1,184
103083	Los Angeles	Harding Ave	Bioretention (No Underdrain)	53
103083	Los Angeles	Havelock Ave	Bioretention (No Underdrain)	2,101
103083	Los Angeles	Herbert St	Bioretention (No Underdrain)	860
103083	Los Angeles	Inglewood Blvd	Bioretention (No Underdrain)	4,430
103283	Los Angeles	Keeshen Dr	Bioretention (No Underdrain)	1,125
103283	Los Angeles	Lamanda St	Bioretention (No Underdrain)	590
103283	Los Angeles	Lindblade Dr	Bioretention (No Underdrain)	3,590
103283	Los Angeles	Louise Ave	Bioretention (No Underdrain)	1,585
103283	Los Angeles	Marshall Dr	Bioretention (No Underdrain)	1,799
103283	Los Angeles	Marshall St	Bioretention (No Underdrain)	1,892
103283	Los Angeles	Matteson Ave	Bioretention (No Underdrain)	179
103283	Los Angeles	Mc Cune Ave	Bioretention (No Underdrain)	675
103783	Los Angeles	McCune Ave	Bioretention (No Underdrain)	675
103783	Los Angeles	Milton St	Bioretention (No Underdrain)	395
104083	Los Angeles	Mitchell Ave	Bioretention (No Underdrain)	1,865
105883	Los Angeles	Modjeska Pl	Bioretention (No Underdrain)	308
105883	Los Angeles	Mountain View Ave	Bioretention (No Underdrain)	1,074
106083	Los Angeles	Ocean View Ave	Bioretention (No Underdrain)	2,439
106083	Los Angeles	Pacific Ave	Bioretention (No Underdrain)	1,886
106083	Los Angeles	Palms Blvd	Bioretention (No Underdrain)	1,108
106783	Los Angeles	Preston Way	Bioretention (No Underdrain)	1
106783	Los Angeles	Rose Ave	Bioretention (No Underdrain)	66
106783	Los Angeles	S Barrington Ave	Bioretention (No Underdrain)	1,429
106783	Los Angeles	S Bundy Dr	Bioretention (No Underdrain)	4
106783	Los Angeles	S Centinela Ave	Bioretention (No Underdrain)	10,435
106783	Los Angeles	Sanford Dr	Bioretention (No Underdrain)	726
106783	Los Angeles	Short Ave	Bioretention (No Underdrain)	50
106783	Los Angeles	Stanwood Dr	Bioretention (No Underdrain)	358
106783	Los Angeles	Stewart Ave	Bioretention (No Underdrain)	147
106783	Los Angeles	Stoner Ave	Bioretention (No Underdrain)	317
106783	Los Angeles	Sylvester St	Bioretention (No Underdrain)	491
106783	Los Angeles	Verdi St	Bioretention (No Underdrain)	412
106783	Los Angeles	Victoria Ave	Bioretention (No Underdrain)	2,404
106783	Los Angeles	W Wagner St	Bioretention (No Underdrain)	154
106783	Los Angeles	Wagner St	Bioretention (No Underdrain)	909

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
106783	Los Angeles	Walsh Ave	Bioretention (No Underdrain)	43
106783	Los Angeles	Washington Pl	Bioretention (No Underdrain)	1,171
106783	Los Angeles	Westlawn Ave	Bioretention (No Underdrain)	1,181
106783	Los Angeles	Westminster Ave	Bioretention (No Underdrain)	204
106783	Los Angeles	Windward Ave	Bioretention (No Underdrain)	642
106783	Los Angeles	Woodbine St	Bioretention (No Underdrain)	193
106783	Los Angeles	Woodgreen St	Bioretention (No Underdrain)	202
106783	Los Angeles	Lucerne Ave	Bioretention (No Underdrain)	25
106783	Los Angeles	Saint Nicholas Ave	Bioretention (No Underdrain)	427
106783	Los Angeles	(unknown)	Bioretention (No Underdrain)	149
106783	Los Angeles	Biona Dr	Bioretention (No Underdrain)	1,117
106783	Los Angeles	Bledsoe Ave	Bioretention (No Underdrain)	38
106783	Los Angeles	Butler Ave	Bioretention (No Underdrain)	199
106783	Los Angeles	Charnock Rd	Bioretention (No Underdrain)	3,847
106783	Los Angeles	Corinth Ave	Bioretention (No Underdrain)	1,018
106783	Los Angeles	Culver Blvd	Bioretention (No Underdrain)	110
106783	Los Angeles	Dufresne Ct	Bioretention (No Underdrain)	420
106783	Los Angeles	Ellenda Ave	Bioretention (No Underdrain)	470
106783	Los Angeles	Ellenda Pl	Bioretention (No Underdrain)	212
106783	Los Angeles	Francis Pl	Bioretention (No Underdrain)	479
106783	Los Angeles	Glendon Ave	Bioretention (No Underdrain)	5,024
106783	Los Angeles	Greenfield Ave	Bioretention (No Underdrain)	4,170
106783	Los Angeles	Greenlawn Ave	Bioretention (No Underdrain)	865
106783	Los Angeles	Harter Ave	Bioretention (No Underdrain)	0
106783	Los Angeles	Kelton Ave	Bioretention (No Underdrain)	4,595
106783	Los Angeles	Kingsland St	Bioretention (No Underdrain)	568
106783	Los Angeles	Las Flores Ct	Bioretention (No Underdrain)	114
106783	Los Angeles	Lawler St	Bioretention (No Underdrain)	1,038
106783	Los Angeles	Lucerne Ave	Bioretention (No Underdrain)	834
106783	Los Angeles	Luy Rd	Bioretention (No Underdrain)	20
106783	Los Angeles	Malcolm Ave	Bioretention (No Underdrain)	1,856
106783	Los Angeles	Mc Cune Ave	Bioretention (No Underdrain)	333
106783	Los Angeles	McCune Ave	Bioretention (No Underdrain)	805
106783	Los Angeles	Midvale Ave	Bioretention (No Underdrain)	3,722
106783	Los Angeles	Military Ave	Bioretention (No Underdrain)	3,365
106783	Los Angeles	National Blvd	Bioretention (No Underdrain)	1,026
106783	Los Angeles	National Pl	Bioretention (No Underdrain)	893
106783	Los Angeles	Nutmeg Ave	Bioretention (No Underdrain)	241
106783	Los Angeles	Overland Ave	Bioretention (No Underdrain)	476
106783	Los Angeles	Palms Blvd	Bioretention (No Underdrain)	3,824
106783	Los Angeles	Purdue Ave	Bioretention (No Underdrain)	254
106783	Los Angeles	Queensland St	Bioretention (No Underdrain)	1,775
106783	Los Angeles	Regent St	Bioretention (No Underdrain)	1,696
106783	Los Angeles	Rose Ave	Bioretention (No Underdrain)	2,878
106783	Los Angeles	S Bentley Ave	Bioretention (No Underdrain)	2,873
106783	Los Angeles	S Overland Ave	Bioretention (No Underdrain)	175
106783	Los Angeles	S Sepulveda Blvd	Bioretention (No Underdrain)	2,858
106983	Los Angeles	Saint Nicholas Ave	Bioretention (No Underdrain)	253
108083	Los Angeles	Sawtelle Blvd	Bioretention (No Underdrain)	740
108083	Los Angeles	Selby Ave	Bioretention (No Underdrain)	869
108083	Los Angeles	Sepulveda Blvd	Bioretention (No Underdrain)	746
108083	Los Angeles	Tabor St	Bioretention (No Underdrain)	1,033
108083	Los Angeles	Tenino Ave	Bioretention (No Underdrain)	212
108083	Los Angeles	Tilden Ave	Bioretention (No Underdrain)	3,387
108083	Los Angeles	Veteran Ave	Bioretention (No Underdrain)	4,261

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
108083	Los Angeles	Victoria Ave	Bioretention (No Underdrain)	149
108083	Los Angeles	Washington Pl	Bioretention (No Underdrain)	250
108083	Los Angeles	Westminster Ave	Bioretention (No Underdrain)	1,153
108083	Los Angeles	Westwood Blvd	Bioretention (No Underdrain)	2,188
108183	Los Angeles	Woodbine St	Bioretention (No Underdrain)	1,600
108883	Los Angeles	(unknown)	Bioretention (No Underdrain)	584
117583	Los Angeles	Bannockburn Dr	Bioretention (No Underdrain)	1,037
117583	Los Angeles	Bridlevale Dr	Bioretention (No Underdrain)	638
117583	Los Angeles	Cavendish Dr	Bioretention (No Underdrain)	2,129
117583	Los Angeles	Charnock Rd	Bioretention (No Underdrain)	201
117583	Los Angeles	Cheviot Dr	Bioretention (No Underdrain)	2,173
117583	Los Angeles	Cheviot Vista Pl	Bioretention (No Underdrain)	552
117583	Los Angeles	Clarkson Rd	Bioretention (No Underdrain)	452
117583	Los Angeles	Club Dr	Bioretention (No Underdrain)	746
117583	Los Angeles	Cresta Dr	Bioretention (No Underdrain)	7
117583	Los Angeles	Dunleer Dr	Bioretention (No Underdrain)	3,189
108887	Los Angeles	Dunleer Pl	Bioretention (No Underdrain)	412
108887	Los Angeles	Earlmar Dr	Bioretention (No Underdrain)	2,510
108887	Los Angeles	Edith St	Bioretention (No Underdrain)	445
108887	Los Angeles	Empire Dr	Bioretention (No Underdrain)	918
108887	Los Angeles	Forrester Dr	Bioretention (No Underdrain)	1,179
108887	Los Angeles	Francis Pl	Bioretention (No Underdrain)	202
108887	Los Angeles	Gilmerton Ave	Bioretention (No Underdrain)	825
108887	Los Angeles	Glenbarr Ave	Bioretention (No Underdrain)	210
108887	Los Angeles	Goldwyn Ter	Bioretention (No Underdrain)	559
108887	Los Angeles	Haddington Dr	Bioretention (No Underdrain)	1,818
108887	Los Angeles	Irene St	Bioretention (No Underdrain)	447
108887	Los Angeles	Ivy Glen Way	Bioretention (No Underdrain)	319
108887	Los Angeles	Jasmine Ave	Bioretention (No Underdrain)	3,492
108887	Los Angeles	Keystone Ave	Bioretention (No Underdrain)	4,219
108887	Los Angeles	Kilrenney Ave	Bioretention (No Underdrain)	379
108887	Los Angeles	Kincardine Ave	Bioretention (No Underdrain)	537
108887	Los Angeles	Lawler St	Bioretention (No Underdrain)	199
108887	Los Angeles	Lorenzo Dr	Bioretention (No Underdrain)	206
108887	Los Angeles	Lovelane Pl	Bioretention (No Underdrain)	274
108887	Los Angeles	Manning Ave	Bioretention (No Underdrain)	2,486
108887	Los Angeles	McCune Ave	Bioretention (No Underdrain)	203
108887	Los Angeles	Mentone Ave	Bioretention (No Underdrain)	4,194
108887	Los Angeles	Motor Ave	Bioretention (No Underdrain)	9,311
108887	Los Angeles	Motor Pl	Bioretention (No Underdrain)	251
108887	Los Angeles	National Blvd	Bioretention (No Underdrain)	2,918
108887	Los Angeles	Northvale Rd	Bioretention (No Underdrain)	1,208
108887	Los Angeles	Old Motor Ave	Bioretention (No Underdrain)	85
108887	Los Angeles	Overland Ave	Bioretention (No Underdrain)	4,990
108887	Los Angeles	Palms Blvd	Bioretention (No Underdrain)	2,400
108887	Los Angeles	Patricia Ave	Bioretention (No Underdrain)	2,424
108887	Los Angeles	Philo St	Bioretention (No Underdrain)	340
109087	Los Angeles	Queensbury Dr	Bioretention (No Underdrain)	2,251
109087	Los Angeles	Regent St	Bioretention (No Underdrain)	2,178
109087	Los Angeles	Rose Ave	Bioretention (No Underdrain)	924
109087	Los Angeles	Rossbury Pl	Bioretention (No Underdrain)	1,028
109087	Los Angeles	Tabor St	Bioretention (No Underdrain)	2,445
109087	Los Angeles	Valparaiso St	Bioretention (No Underdrain)	500
109087	Los Angeles	Vinton Ave	Bioretention (No Underdrain)	3,871
109087	Los Angeles	Walavista Rd	Bioretention (No Underdrain)	209

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109087	Los Angeles	Westminster Ave	Bioretention (No Underdrain)	200
109087	Los Angeles	Wicklow Rd	Bioretention (No Underdrain)	387
109087	Los Angeles	Woodbine St	Bioretention (No Underdrain)	3,532
109087	Los Angeles	(unknown)	Bioretention (No Underdrain)	21
109087	Los Angeles	Aneta St	Bioretention (No Underdrain)	10
109087	Los Angeles	Babette Ave	Bioretention (No Underdrain)	164
109087	Los Angeles	Beatrice St	Bioretention (No Underdrain)	1,090
109087	Los Angeles	Beethoven St	Bioretention (No Underdrain)	954
109087	Los Angeles	Bray St	Bioretention (No Underdrain)	860
109087	Los Angeles	Coral Tree Pl	Bioretention (No Underdrain)	864
109087	Los Angeles	Edsel Ave	Bioretention (No Underdrain)	160
109087	Los Angeles	Emporia Ave	Bioretention (No Underdrain)	284
109087	Los Angeles	Etheldo Ave	Bioretention (No Underdrain)	758
109187	Los Angeles	Hammack St	Bioretention (No Underdrain)	70
109187	Los Angeles	Inglewood Blvd	Bioretention (No Underdrain)	619
109187	Los Angeles	Jandy Pl	Bioretention (No Underdrain)	376
109187	Los Angeles	Keli Ct	Bioretention (No Underdrain)	84
109187	Los Angeles	Lindblade Dr	Bioretention (No Underdrain)	334
109187	Los Angeles	McConnell Ave	Bioretention (No Underdrain)	705
109187	Los Angeles	McDonald St	Bioretention (No Underdrain)	1,616
109187	Los Angeles	Mesmer Ave	Bioretention (No Underdrain)	1,535
109187	Los Angeles	Port Rd	Bioretention (No Underdrain)	420
109187	Los Angeles	Randall St	Bioretention (No Underdrain)	288
109187	Los Angeles	Rosy Cir	Bioretention (No Underdrain)	1,557
109187	Los Angeles	Russo St	Bioretention (No Underdrain)	406
109187	Los Angeles	S Centinela Ave	Bioretention (No Underdrain)	17
109187	Los Angeles	Sanford St	Bioretention (No Underdrain)	3,061
109187	Los Angeles	W Port Rd	Bioretention (No Underdrain)	87
109187	Los Angeles	W Sanford St	Bioretention (No Underdrain)	149
109187	Los Angeles	Weir St	Bioretention (No Underdrain)	1,078
109187	Los Angeles	Westlawn Ave	Bioretention (No Underdrain)	325
109187	Los Angeles	S Sycamore Dr	Bioretention (No Underdrain)	44
109187	Los Angeles	(unknown)	Bioretention (No Underdrain)	649
109187	Los Angeles	Airport Blvd	Bioretention (No Underdrain)	179
109187	Los Angeles	Alverstone Ave	Bioretention (No Underdrain)	1,937
109187	Los Angeles	Arizona Ave	Bioretention (No Underdrain)	2,034
109187	Los Angeles	Arizona Cir	Bioretention (No Underdrain)	1,079
109187	Los Angeles	Arizona Pl	Bioretention (No Underdrain)	571
109187	Los Angeles	Center Dr	Bioretention (No Underdrain)	420
109187	Los Angeles	Center Dr W	Bioretention (No Underdrain)	520
109187	Los Angeles	Dunfield Ave	Bioretention (No Underdrain)	1,767
109187	Los Angeles	el Manor Ave	Bioretention (No Underdrain)	1,517
109187	Los Angeles	Firebrand St	Bioretention (No Underdrain)	117
109187	Los Angeles	Henefer Ave	Bioretention (No Underdrain)	196
109187	Los Angeles	Jefferson Blvd	Bioretention (No Underdrain)	146
109187	Los Angeles	Kentwood Ave	Bioretention (No Underdrain)	2,521
109187	Los Angeles	Kentwood Bluffs Dr	Bioretention (No Underdrain)	1,424
109187	Los Angeles	McCool Ave	Bioretention (No Underdrain)	1,313
109187	Los Angeles	Nancy St	Bioretention (No Underdrain)	1,471
109187	Los Angeles	Naylor Ave	Bioretention (No Underdrain)	7
109187	Los Angeles	Oglesby Ave	Bioretention (No Underdrain)	1,838
109187	Los Angeles	Park Ter	Bioretention (No Underdrain)	515
109187	Los Angeles	Piper Ave	Bioretention (No Underdrain)	72
109187	Los Angeles	Riggs Pl	Bioretention (No Underdrain)	2,020
109187	Los Angeles	S Center Dr W	Bioretention (No Underdrain)	504

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Los Angeles	S Park Ter	Bioretention (No Underdrain)	284
109187	Los Angeles	S Sepulveda Blvd	Bioretention (No Underdrain)	2,728
109187	Los Angeles	Sepulveda Blvd	Bioretention (No Underdrain)	2,728
109187	Los Angeles	W 74th St	Bioretention (No Underdrain)	3,580
109187	Los Angeles	W 77th St	Bioretention (No Underdrain)	97
109187	Los Angeles	W Center Dr	Bioretention (No Underdrain)	326
109187	Los Angeles	Wynkoop St	Bioretention (No Underdrain)	57
109187	Los Angeles	(unknown)	Bioretention (No Underdrain)	930
109187	Los Angeles	Acacia St	Bioretention (No Underdrain)	547
109187	Los Angeles	Alvern Cir	Bioretention (No Underdrain)	893
109187	Los Angeles	Alvern St	Bioretention (No Underdrain)	1,056
109187	Los Angeles	Aly	Bioretention (No Underdrain)	26
109187	Los Angeles	Bradley Pl	Bioretention (No Underdrain)	677
109187	Los Angeles	Centinela Ave	Bioretention (No Underdrain)	494
109187	Los Angeles	Damask Ave	Bioretention (No Underdrain)	348
109187	Los Angeles	Fairview Blvd	Bioretention (No Underdrain)	478
109187	Los Angeles	Flight Ave	Bioretention (No Underdrain)	1,656
109187	Los Angeles	Flores Ave	Bioretention (No Underdrain)	372
109187	Los Angeles	Glasgow Ave	Bioretention (No Underdrain)	1,301
109187	Los Angeles	Glasgow Ct	Bioretention (No Underdrain)	264
109187	Los Angeles	Glasgow Way	Bioretention (No Underdrain)	388
109187	Los Angeles	Kittyhawk Ave	Bioretention (No Underdrain)	1,663
109187	Los Angeles	Knowlton Pl	Bioretention (No Underdrain)	1,357
109187	Los Angeles	Knowlton St	Bioretention (No Underdrain)	1,039
109187	Los Angeles	la Cienega Westway St	Bioretention (No Underdrain)	175
109187	Los Angeles	la Tijera Blvd	Bioretention (No Underdrain)	3,785
109187	Los Angeles	Midfield Ave	Bioretention (No Underdrain)	163
109187	Los Angeles	Morley Ave	Bioretention (No Underdrain)	343
109187	Los Angeles	Mosley Ave	Bioretention (No Underdrain)	346
109187	Los Angeles	Osage Ave	Bioretention (No Underdrain)	310
109187	Los Angeles	Piper Ave	Bioretention (No Underdrain)	137
109187	Los Angeles	Ramsgate Ave	Bioretention (No Underdrain)	1,320
109187	Los Angeles	Ramsgate Pl	Bioretention (No Underdrain)	467
109187	Los Angeles	S Croft Ave	Bioretention (No Underdrain)	326
109187	Los Angeles	S Fairfax Ave	Bioretention (No Underdrain)	512
109187	Los Angeles	S Kings Rd	Bioretention (No Underdrain)	377
109187	Los Angeles	S la Cienega Blvd	Bioretention (No Underdrain)	6,613
109187	Los Angeles	S la Tijera Blvd	Bioretention (No Underdrain)	4,257
109187	Los Angeles	Thornburn St	Bioretention (No Underdrain)	3,213
109187	Los Angeles	W 63rd St	Bioretention (No Underdrain)	1,707
109187	Los Angeles	W 64th St	Bioretention (No Underdrain)	1,360
109187	Los Angeles	W 74th St	Bioretention (No Underdrain)	1,153
109187	Los Angeles	W Centinela Ave	Bioretention (No Underdrain)	502
109187	Los Angeles	W Fairview Blvd	Bioretention (No Underdrain)	23
109187	Los Angeles	Abernathy Dr	Bioretention (No Underdrain)	1,912
109187	Los Angeles	Abigail Pl	Bioretention (No Underdrain)	116
109187	Los Angeles	Airlane Ave	Bioretention (No Underdrain)	2,911
109287	Los Angeles	Airport Blvd	Bioretention (No Underdrain)	5,559
109287	Los Angeles	Alverstone Ave	Bioretention (No Underdrain)	2,134
109287	Los Angeles	Arizona Ave	Bioretention (No Underdrain)	652
109287	Los Angeles	Barnsley Ave	Bioretention (No Underdrain)	1,864
109287	Los Angeles	Belford Ave	Bioretention (No Underdrain)	2,249
109287	Los Angeles	Bellanca Ave	Bioretention (No Underdrain)	67
109287	Los Angeles	Benjamin Ave	Bioretention (No Underdrain)	1,031
109287	Los Angeles	Bleriot Ave	Bioretention (No Underdrain)	2,720

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109287	Los Angeles	Boeing Ave	Bioretention (No Underdrain)	2,618
109287	Los Angeles	Boeing Pl	Bioretention (No Underdrain)	289
109287	Los Angeles	Breen Ave	Bioretention (No Underdrain)	1,401
109287	Los Angeles	Compass Dr	Bioretention (No Underdrain)	791
109287	Los Angeles	Croydon Ave	Bioretention (No Underdrain)	2,840
109287	Los Angeles	Dunfield Ave	Bioretention (No Underdrain)	39
109287	Los Angeles	el Manor Ave	Bioretention (No Underdrain)	508
109287	Los Angeles	Flight Ave	Bioretention (No Underdrain)	4,964
109287	Los Angeles	Flight Pl	Bioretention (No Underdrain)	1,194
109287	Los Angeles	Glider Ave	Bioretention (No Underdrain)	1,396
109287	Los Angeles	Goddard Ave	Bioretention (No Underdrain)	1,508
109287	Los Angeles	Grimsby Ave	Bioretention (No Underdrain)	657
109287	Los Angeles	Handley Ave	Bioretention (No Underdrain)	1,088
109287	Los Angeles	Hindry Ave	Bioretention (No Underdrain)	1,753
109287	Los Angeles	Hosford Ave	Bioretention (No Underdrain)	7
109287	Los Angeles	Isis Ave	Bioretention (No Underdrain)	2,097
109287	Los Angeles	Kentwood Ave	Bioretention (No Underdrain)	845
109287	Los Angeles	Kittyhawk Ave	Bioretention (No Underdrain)	3,548
109287	Los Angeles	la Tijera Blvd	Bioretention (No Underdrain)	5,290
109287	Los Angeles	Lilienthal Ave	Bioretention (No Underdrain)	739
109287	Los Angeles	Midfield Ave	Bioretention (No Underdrain)	2,899
109287	Los Angeles	Naylor Ave	Bioretention (No Underdrain)	3,622
109287	Los Angeles	Osage Ave	Bioretention (No Underdrain)	3,653
109287	Los Angeles	Piper Ave	Bioretention (No Underdrain)	904
103275	Los Angeles	Piper Pl	Bioretention (No Underdrain)	158
103275	Los Angeles	Portal Ave	Bioretention (No Underdrain)	308
103275	Los Angeles	Ramsgate Ave	Bioretention (No Underdrain)	2,827
103275	Los Angeles	Reading Ave	Bioretention (No Underdrain)	2,586
103275	Los Angeles	S la Tijera Blvd	Bioretention (No Underdrain)	5,426
103275	Los Angeles	S Sepulveda Blvd	Bioretention (No Underdrain)	2,342
103275	Los Angeles	Sepulveda Blvd	Bioretention (No Underdrain)	2,342
103275	Los Angeles	Stetson Ave	Bioretention (No Underdrain)	275
103275	Los Angeles	Toland Ave	Bioretention (No Underdrain)	1,758
103275	Los Angeles	Truxton Ave	Bioretention (No Underdrain)	3,652
103275	Los Angeles	Vicksburg Ave	Bioretention (No Underdrain)	2,057
103275	Los Angeles	W 74th St	Bioretention (No Underdrain)	490
103275	Los Angeles	W 75th Pl	Bioretention (No Underdrain)	875
103275	Los Angeles	W 75th St	Bioretention (No Underdrain)	4,117
103275	Los Angeles	W 76th Pl	Bioretention (No Underdrain)	310
103275	Los Angeles	W 76th St	Bioretention (No Underdrain)	6,412
103275	Los Angeles	W 77th Pl	Bioretention (No Underdrain)	2,349
103275	Los Angeles	W 77th St	Bioretention (No Underdrain)	5,277
103275	Los Angeles	W 78th Pl	Bioretention (No Underdrain)	1,031
103275	Los Angeles	W 78th St	Bioretention (No Underdrain)	7,144
103275	Los Angeles	W 79th Pl	Bioretention (No Underdrain)	155
103275	Los Angeles	W 79th St	Bioretention (No Underdrain)	7,148
103275	Los Angeles	W 80th Pl	Bioretention (No Underdrain)	75
103275	Los Angeles	W 80th St	Bioretention (No Underdrain)	1,819
103275	Los Angeles	W 82nd St	Bioretention (No Underdrain)	4,237
103275	Los Angeles	W 83rd Pl	Bioretention (No Underdrain)	1,545
103275	Los Angeles	W 83rd St	Bioretention (No Underdrain)	6,273
103275	Los Angeles	W 84th St	Bioretention (No Underdrain)	386
103275	Los Angeles	W 85th Pl	Bioretention (No Underdrain)	2,653
101483	Los Angeles	Wiley Post Ave	Bioretention (No Underdrain)	1,045
101583	Los Angeles	Winsford Ave	Bioretention (No Underdrain)	2,478

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
101583	Los Angeles	Wynkoop St	Bioretention (No Underdrain)	119
101583	Los Angeles	Yorktown Ave	Bioretention (No Underdrain)	1,608
101583	Los Angeles	Yorktown Pl	Bioretention (No Underdrain)	517
101583	Los Angeles	(unknown)	Bioretention (No Underdrain)	872
101583	Los Angeles	Alsace Ave	Bioretention (No Underdrain)	701
101583	Los Angeles	Alviso Ave	Bioretention (No Underdrain)	2,800
102383	Los Angeles	Angeles Vista Blvd	Bioretention (No Underdrain)	178
102383	Los Angeles	Buckler Ave	Bioretention (No Underdrain)	2,637
102383	Los Angeles	Condon Ave	Bioretention (No Underdrain)	500
102583	Los Angeles	Deane Ave	Bioretention (No Underdrain)	1,137
102583	Los Angeles	E 65th St	Bioretention (No Underdrain)	30
102583	Los Angeles	E 66th St	Bioretention (No Underdrain)	30
102583	Los Angeles	E 67th St	Bioretention (No Underdrain)	30
102583	Los Angeles	E 68th St	Bioretention (No Underdrain)	30
102583	Los Angeles	E Hyde Park Blvd	Bioretention (No Underdrain)	28
102583	Los Angeles	Edgemar Ave	Bioretention (No Underdrain)	1,548
102583	Los Angeles	Eileen Ave	Bioretention (No Underdrain)	1,315
102583	Los Angeles	Fair Pl	Bioretention (No Underdrain)	289
102583	Los Angeles	Hyde Park Blvd	Bioretention (No Underdrain)	7
102583	Los Angeles	Keniston Ave	Bioretention (No Underdrain)	2,452
102583	Los Angeles	la Brea Ave	Bioretention (No Underdrain)	469
102583	Los Angeles	Long St	Bioretention (No Underdrain)	1,317
102583	Los Angeles	Mecham Way	Bioretention (No Underdrain)	1,355
102583	Los Angeles	Midfield Ave	Bioretention (No Underdrain)	174
102583	Los Angeles	N Long St	Bioretention (No Underdrain)	20
102583	Los Angeles	Overhill Dr	Bioretention (No Underdrain)	445
102583	Los Angeles	S Harcourt Ave	Bioretention (No Underdrain)	1,316
102583	Los Angeles	S la Brea Ave	Bioretention (No Underdrain)	469
102583	Los Angeles	S la Cienega Blvd	Bioretention (No Underdrain)	94
102583	Los Angeles	S Rimpau Blvd	Bioretention (No Underdrain)	2,453
102583	Los Angeles	S Verdun Ave	Bioretention (No Underdrain)	2,841
102583	Los Angeles	Thornburn St	Bioretention (No Underdrain)	33
102583	Los Angeles	Valley Ridge Ave	Bioretention (No Underdrain)	170
102883	Los Angeles	W 58th Pl	Bioretention (No Underdrain)	4,994
102883	Los Angeles	W 59th Pl	Bioretention (No Underdrain)	4,785
102883	Los Angeles	W 59th St	Bioretention (No Underdrain)	4,806
102883	Los Angeles	W 60th St	Bioretention (No Underdrain)	4,510
102883	Los Angeles	W 61st St	Bioretention (No Underdrain)	2,759
102883	Los Angeles	W 62nd Pl	Bioretention (No Underdrain)	438
102883	Los Angeles	W 62nd St	Bioretention (No Underdrain)	2,752
102883	Los Angeles	W 63rd St	Bioretention (No Underdrain)	4,400
102883	Los Angeles	W 64th Pl	Bioretention (No Underdrain)	6
102883	Los Angeles	W 64th St	Bioretention (No Underdrain)	3,205
102883	Los Angeles	W 67th St	Bioretention (No Underdrain)	100
102883	Los Angeles	W Slauson Ave	Bioretention (No Underdrain)	2,495
102883	Los Angeles	West Blvd	Bioretention (No Underdrain)	4,134
102883	Los Angeles	Wexham Way	Bioretention (No Underdrain)	0
102883	Los Angeles	(unknown)	Bioretention (No Underdrain)	410
102883	Los Angeles	Allin St	Bioretention (No Underdrain)	1,371
102883	Los Angeles	Barman Ave	Bioretention (No Underdrain)	1,436
102883	Los Angeles	Barman St	Bioretention (No Underdrain)	1,436
102883	Los Angeles	Barry Ave	Bioretention (No Underdrain)	3,029
102883	Los Angeles	Berryman Ave	Bioretention (No Underdrain)	4,211
102883	Los Angeles	Biona Dr	Bioretention (No Underdrain)	425
102883	Los Angeles	Bledsoe Ave	Bioretention (No Underdrain)	1,661

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102883	Los Angeles	Braddock Dr	Bioretention (No Underdrain)	779
102883	Los Angeles	Butler Ave	Bioretention (No Underdrain)	1,360
102883	Los Angeles	Charnock Rd	Bioretention (No Underdrain)	3,969
102883	Los Angeles	Coolidge Ave	Bioretention (No Underdrain)	3,517
102883	Los Angeles	Corinth Ave	Bioretention (No Underdrain)	2,676
102883	Los Angeles	Culver Blvd	Bioretention (No Underdrain)	3,325
102883	Los Angeles	Dawes Ave	Bioretention (No Underdrain)	648
102883	Los Angeles	East Blvd	Bioretention (No Underdrain)	199
102883	Los Angeles	Federal Ave	Bioretention (No Underdrain)	2,371
102883	Los Angeles	Francis Pl	Bioretention (No Underdrain)	471
102883	Los Angeles	Grand View Blvd	Bioretention (No Underdrain)	757
102883	Los Angeles	Granville Ave	Bioretention (No Underdrain)	895
102883	Los Angeles	Herbert St	Bioretention (No Underdrain)	30
102883	Los Angeles	Indianapolis St	Bioretention (No Underdrain)	530
102883	Los Angeles	Inglewood Blvd	Bioretention (No Underdrain)	2,809
102883	Los Angeles	Keeshen Dr	Bioretention (No Underdrain)	939
102883	Los Angeles	Lawler St	Bioretention (No Underdrain)	1,474
102883	Los Angeles	Lindblade Pl	Bioretention (No Underdrain)	145
102883	Los Angeles	Lindblade St	Bioretention (No Underdrain)	885
102883	Los Angeles	Marco Pl	Bioretention (No Underdrain)	127
102883	Los Angeles	Marionwood Dr	Bioretention (No Underdrain)	1,569
102883	Los Angeles	Matteson Ave	Bioretention (No Underdrain)	1,414
102883	Los Angeles	Mc Cune Ave	Bioretention (No Underdrain)	317
102883	Los Angeles	McCune Ave	Bioretention (No Underdrain)	317
102883	Los Angeles	McLaughlin Ave	Bioretention (No Underdrain)	6,859
102883	Los Angeles	Minerva Ave	Bioretention (No Underdrain)	1,708
102883	Los Angeles	Mountain View Ave	Bioretention (No Underdrain)	2,289
102883	Los Angeles	Nutmeg Ave	Bioretention (No Underdrain)	216
102883	Los Angeles	Palms Blvd	Bioretention (No Underdrain)	2,135
102883	Los Angeles	Purdue Ave	Bioretention (No Underdrain)	3,552
102883	Los Angeles	Regent St	Bioretention (No Underdrain)	382
102883	Los Angeles	S Barrington Ave	Bioretention (No Underdrain)	1,189
103083	Los Angeles	S Barry Ave	Bioretention (No Underdrain)	807
103083	Los Angeles	S Corinth Ave	Bioretention (No Underdrain)	27
103083	Los Angeles	S Purdue Ave	Bioretention (No Underdrain)	27
103083	Los Angeles	S Slauson Ave	Bioretention (No Underdrain)	2,072
103083	Los Angeles	Saint Susan Pl	Bioretention (No Underdrain)	372
103083	Los Angeles	Sawtelle Blvd	Bioretention (No Underdrain)	2,123
103083	Los Angeles	Slauson Ave	Bioretention (No Underdrain)	1,006
103083	Los Angeles	Stoner Ave	Bioretention (No Underdrain)	2,798
103083	Los Angeles	Tabor St	Bioretention (No Underdrain)	762
103083	Los Angeles	Tenino Ave	Bioretention (No Underdrain)	182
103083	Los Angeles	Tuller Ave	Bioretention (No Underdrain)	342
103083	Los Angeles	Victoria Ave	Bioretention (No Underdrain)	2,460
103083	Los Angeles	Vienna Way	Bioretention (No Underdrain)	135
103083	Los Angeles	W Barman St	Bioretention (No Underdrain)	40
103083	Los Angeles	W Charnock Rd	Bioretention (No Underdrain)	1,086
103083	Los Angeles	Wagner St	Bioretention (No Underdrain)	392
103083	Los Angeles	Washington Pl	Bioretention (No Underdrain)	1,467
103083	Los Angeles	Westminster Ave	Bioretention (No Underdrain)	3,208
103083	Los Angeles	Westminster Pl	Bioretention (No Underdrain)	283
103083	Los Angeles	Woodbine St	Bioretention (No Underdrain)	1,386
103083	Los Angeles	(unknown)	Bioretention (No Underdrain)	4,718
103083	Los Angeles	Allaseba Dr	Bioretention (No Underdrain)	508
103083	Los Angeles	Amherst Ave	Bioretention (No Underdrain)	6,148

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103083	Los Angeles	Armacost Ave	Bioretention (No Underdrain)	8,639
103083	Los Angeles	Artemis Pl	Bioretention (No Underdrain)	298
103083	Los Angeles	Ayres Ave	Bioretention (No Underdrain)	1,868
103083	Los Angeles	Ayrshire Rd	Bioretention (No Underdrain)	616
103083	Los Angeles	Barrington Ct	Bioretention (No Underdrain)	395
103083	Los Angeles	Barrington Walk	Bioretention (No Underdrain)	91
103083	Los Angeles	Barry Ave	Bioretention (No Underdrain)	12,385
103083	Los Angeles	Beloit Ave	Bioretention (No Underdrain)	2,572
103083	Los Angeles	Beyond Way	Bioretention (No Underdrain)	56
103083	Los Angeles	Bonsall Ave	Bioretention (No Underdrain)	30
103083	Los Angeles	Bringham Ave	Bioretention (No Underdrain)	1,102
103083	Los Angeles	Broadway	Bioretention (No Underdrain)	30
103083	Los Angeles	Broadway St	Bioretention (No Underdrain)	30
103083	Los Angeles	Brockton Ave	Bioretention (No Underdrain)	4,352
103083	Los Angeles	Brookhaven Ave	Bioretention (No Underdrain)	3,227
103083	Los Angeles	Burkshire Ave	Bioretention (No Underdrain)	1,321
103083	Los Angeles	Butler Ave	Bioretention (No Underdrain)	12,155
103083	Los Angeles	Ceilhunt Ave	Bioretention (No Underdrain)	996
103083	Los Angeles	Centinela Ave	Bioretention (No Underdrain)	3,576
103083	Los Angeles	Chaparal St	Bioretention (No Underdrain)	5
103083	Los Angeles	Chayote St	Bioretention (No Underdrain)	294
103083	Los Angeles	Chenault St	Bioretention (No Underdrain)	971
103083	Los Angeles	Clarkson Rd	Bioretention (No Underdrain)	2,483
103083	Los Angeles	Clover Ave	Bioretention (No Underdrain)	2,707
103083	Los Angeles	Colbert Ave	Bioretention (No Underdrain)	1,265
103083	Los Angeles	Colbert St	Bioretention (No Underdrain)	1,265
103083	Los Angeles	Colby Ave	Bioretention (No Underdrain)	10,723
103083	Los Angeles	Colorado Ave	Bioretention (No Underdrain)	36
103083	Los Angeles	Coolidge Ave	Bioretention (No Underdrain)	4,171
103083	Los Angeles	Coolidge Pl	Bioretention (No Underdrain)	267
103083	Los Angeles	Corinth Ave	Bioretention (No Underdrain)	9,050
103083	Los Angeles	Cotner Ave	Bioretention (No Underdrain)	2,864
103083	Los Angeles	Craigview Ave	Bioretention (No Underdrain)	145
103083	Los Angeles	Crescenda St	Bioretention (No Underdrain)	17
103083	Los Angeles	Dahlgren Ave	Bioretention (No Underdrain)	297
103083	Los Angeles	Darlington Ave	Bioretention (No Underdrain)	2,996
103083	Los Angeles	Delaware Ave	Bioretention (No Underdrain)	30
103083	Los Angeles	Dewey St	Bioretention (No Underdrain)	849
103283	Los Angeles	Dorothy St	Bioretention (No Underdrain)	1,108
103283	Los Angeles	Dunstan Way	Bioretention (No Underdrain)	46
103283	Los Angeles	E Downes Rd	Bioretention (No Underdrain)	30
103283	Los Angeles	Eisenhower Ave	Bioretention (No Underdrain)	11
103283	Los Angeles	Evensong Dr	Bioretention (No Underdrain)	422
103283	Los Angeles	Everglade St	Bioretention (No Underdrain)	290
103283	Los Angeles	Exposition Blvd	Bioretention (No Underdrain)	46
103283	Los Angeles	Federal Ave	Bioretention (No Underdrain)	12,059
103783	Los Angeles	Gateway Blvd	Bioretention (No Underdrain)	2,640
103783	Los Angeles	Gorham Ave	Bioretention (No Underdrain)	1,570
104083	Los Angeles	Gorham Pl	Bioretention (No Underdrain)	607
105883	Los Angeles	Goshen Ave	Bioretention (No Underdrain)	2,982
105883	Los Angeles	Graham Pl	Bioretention (No Underdrain)	611
106083	Los Angeles	Grand View Blvd	Bioretention (No Underdrain)	3,190
106083	Los Angeles	Granville Ave	Bioretention (No Underdrain)	12,241
106083	Los Angeles	Halvern Dr	Bioretention (No Underdrain)	268
106783	Los Angeles	Idaho Ave	Bioretention (No Underdrain)	4,849

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
106783	Los Angeles	Indianapolis St	Bioretention (No Underdrain)	952
106783	Los Angeles	Inglewood Ave	Bioretention (No Underdrain)	85
106783	Los Angeles	Inglewood Blvd	Bioretention (No Underdrain)	2,088
106783	Los Angeles	Iowa Ave	Bioretention (No Underdrain)	6,456
106783	Los Angeles	Ivy Pl	Bioretention (No Underdrain)	268
106783	Los Angeles	Keeshen Dr	Bioretention (No Underdrain)	352
106783	Los Angeles	Kingsland St	Bioretention (No Underdrain)	1,495
106783	Los Angeles	Kiowa Ave	Bioretention (No Underdrain)	2,846
106783	Los Angeles	la Grange Ave	Bioretention (No Underdrain)	5,123
106783	Los Angeles	Lawler St	Bioretention (No Underdrain)	170
106783	Los Angeles	Lorna Ct	Bioretention (No Underdrain)	43
106783	Los Angeles	Malone St	Bioretention (No Underdrain)	338
106783	Los Angeles	Marine St	Bioretention (No Underdrain)	887
106783	Los Angeles	Massachusetts Ave	Bioretention (No Underdrain)	915
106783	Los Angeles	Mayfield Ave	Bioretention (No Underdrain)	2,761
106783	Los Angeles	McLaughlin Ave	Bioretention (No Underdrain)	1,564
106783	Los Angeles	Mississippi Ave	Bioretention (No Underdrain)	5,002
106783	Los Angeles	Missouri Ave	Bioretention (No Underdrain)	5,223
106783	Los Angeles	Montana Ave	Bioretention (No Underdrain)	1,015
106783	Los Angeles	Mountain View Ave	Bioretention (No Underdrain)	2,210
106783	Los Angeles	N Barrington Ave	Bioretention (No Underdrain)	1,695
106783	Los Angeles	N Saltair Ave	Bioretention (No Underdrain)	139
106783	Los Angeles	National Blvd	Bioretention (No Underdrain)	4,221
106783	Los Angeles	Navy St	Bioretention (No Underdrain)	1,608
106783	Los Angeles	Nebraska Ave	Bioretention (No Underdrain)	6,791
106783	Los Angeles	Ocean Park Blvd	Bioretention (No Underdrain)	1,693
106783	Los Angeles	Ohio Ave	Bioretention (No Underdrain)	5,834
106783	Los Angeles	Palms Blvd	Bioretention (No Underdrain)	1,819
106783	Los Angeles	Pearl Pl	Bioretention (No Underdrain)	349
106783	Los Angeles	Pearl St	Bioretention (No Underdrain)	3,717
106783	Los Angeles	Pennsylvania Ave	Bioretention (No Underdrain)	30
106783	Los Angeles	Pontius Ave	Bioretention (No Underdrain)	3,469
106783	Los Angeles	Purdue Ave	Bioretention (No Underdrain)	8,571
106783	Los Angeles	Radio Dr	Bioretention (No Underdrain)	667
106783	Los Angeles	Rhode Island Ave	Bioretention (No Underdrain)	484
106783	Los Angeles	Richland Ave	Bioretention (No Underdrain)	1,622
106783	Los Angeles	Rochester Ave	Bioretention (No Underdrain)	2,948
106783	Los Angeles	Rose Ave	Bioretention (No Underdrain)	2,010
106783	Los Angeles	S Barrington Ave	Bioretention (No Underdrain)	19,354
106783	Los Angeles	S Barrington Pl	Bioretention (No Underdrain)	1,062
106783	Los Angeles	S Barry Ave	Bioretention (No Underdrain)	21
106783	Los Angeles	S Beloit Ave	Bioretention (No Underdrain)	103
106783	Los Angeles	S Bundy Dr	Bioretention (No Underdrain)	10,594
106783	Los Angeles	S Carmelina Ave	Bioretention (No Underdrain)	3,675
106783	Los Angeles	S Centinela Ave	Bioretention (No Underdrain)	7,275
106783	Los Angeles	S Colby Ave	Bioretention (No Underdrain)	82
106783	Los Angeles	S Coolidge Ave	Bioretention (No Underdrain)	82
106783	Los Angeles	S Gateway Blvd	Bioretention (No Underdrain)	925
106783	Los Angeles	S Gunston Dr	Bioretention (No Underdrain)	324
106783	Los Angeles	S Layton Dr	Bioretention (No Underdrain)	793
106783	Los Angeles	S Ohio Ave	Bioretention (No Underdrain)	114
106783	Los Angeles	S Saltair Ave	Bioretention (No Underdrain)	2,477
106783	Los Angeles	S Wellesley Ave	Bioretention (No Underdrain)	154
106783	Los Angeles	S Westgate Ave	Bioretention (No Underdrain)	10,995
106783	Los Angeles	S Woodburn Dr	Bioretention (No Underdrain)	353

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
106783	Los Angeles	Saint Susan Pl	Bioretention (No Underdrain)	531
106783	Los Angeles	San Vicente Blvd	Bioretention (No Underdrain)	2,490
106783	Los Angeles	Sardis Ave	Bioretention (No Underdrain)	1,510
106783	Los Angeles	Sawtelle Blvd	Bioretention (No Underdrain)	4,835
106783	Los Angeles	Stanwood Dr	Bioretention (No Underdrain)	2,990
106783	Los Angeles	Stoner Ave	Bioretention (No Underdrain)	10,561
106983	Los Angeles	Sunset Pkwy	Bioretention (No Underdrain)	795
108083	Los Angeles	Tennessee Ave	Bioretention (No Underdrain)	4,898
108083	Los Angeles	Tennessee Pl	Bioretention (No Underdrain)	1,245
108083	Los Angeles	Terryhill Pl	Bioretention (No Underdrain)	574
108083	Los Angeles	Texas Ave	Bioretention (No Underdrain)	3,594
108083	Los Angeles	Thermo St	Bioretention (No Underdrain)	182
108083	Los Angeles	Virginia Ave	Bioretention (No Underdrain)	32
108083	Los Angeles	W Gateway Blvd	Bioretention (No Underdrain)	1,471
108083	Los Angeles	W Nebraska Ave	Bioretention (No Underdrain)	7
108083	Los Angeles	W Olympic Blvd	Bioretention (No Underdrain)	6,302
108083	Los Angeles	W Pico Blvd	Bioretention (No Underdrain)	3,718
108083	Los Angeles	W San Vicente Blvd	Bioretention (No Underdrain)	4,653
108183	Los Angeles	W Tennessee Ave	Bioretention (No Underdrain)	201
108883	Los Angeles	Walnut Ln	Bioretention (No Underdrain)	432
117583	Los Angeles	Wellesley Ave	Bioretention (No Underdrain)	5,119
117583	Los Angeles	Wilshire Blvd	Bioretention (No Underdrain)	3,817
117583	Los Angeles	Woodbine St	Bioretention (No Underdrain)	823
117583	Los Angeles	Wyoming Ave	Bioretention (No Underdrain)	682
117583	Los Angeles	Bentley Ave	Bioretention (No Underdrain)	56
117583	Los Angeles	Brookhaven Ave	Bioretention (No Underdrain)	696
117583	Los Angeles	Clover Ave	Bioretention (No Underdrain)	1,467
117583	Los Angeles	Cotner Ave	Bioretention (No Underdrain)	1,074
117583	Los Angeles	Graham Pl	Bioretention (No Underdrain)	123
117583	Los Angeles	Greenfield Ave	Bioretention (No Underdrain)	1,040
108887	Los Angeles	Ivy Pl	Bioretention (No Underdrain)	271
108887	Los Angeles	Kelton Ave	Bioretention (No Underdrain)	360
108887	Los Angeles	Kingsland St	Bioretention (No Underdrain)	166
108887	Los Angeles	Military Ave	Bioretention (No Underdrain)	2,497
108887	Los Angeles	National Blvd	Bioretention (No Underdrain)	1,513
108887	Los Angeles	Pearl St	Bioretention (No Underdrain)	630
108887	Los Angeles	Pickford St	Bioretention (No Underdrain)	180
108887	Los Angeles	Pontius Ave	Bioretention (No Underdrain)	740
108887	Los Angeles	Queensland St	Bioretention (No Underdrain)	2,025
108887	Los Angeles	Richland Ave	Bioretention (No Underdrain)	1,189
108887	Los Angeles	Rose Ave	Bioretention (No Underdrain)	970
108887	Los Angeles	S Bentley Ave	Bioretention (No Underdrain)	4,888
108887	Los Angeles	S Sepulveda Blvd	Bioretention (No Underdrain)	5,763
108887	Los Angeles	S Sepulveda Ct	Bioretention (No Underdrain)	100
108887	Los Angeles	S Tilden Ave	Bioretention (No Underdrain)	1
108887	Los Angeles	Sardis Ave	Bioretention (No Underdrain)	1,351
108887	Los Angeles	Sawtelle Blvd	Bioretention (No Underdrain)	5,849
108887	Los Angeles	Stanwood Dr	Bioretention (No Underdrain)	102
108887	Los Angeles	Tennessee Ave	Bioretention (No Underdrain)	49
108887	Los Angeles	Tilden Ave	Bioretention (No Underdrain)	3,729
108887	Los Angeles	Veteran Ave	Bioretention (No Underdrain)	782
108887	Los Angeles	W Olympic Blvd	Bioretention (No Underdrain)	27
108887	Los Angeles	W Pickford St	Bioretention (No Underdrain)	42
108887	Los Angeles	W Pico Blvd	Bioretention (No Underdrain)	415
108887	Los Angeles	(unknown)	Bioretention (No Underdrain)	942

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
108887	Los Angeles	Aiken Ave	Bioretention (No Underdrain)	1,124
108887	Los Angeles	Almayo Ave	Bioretention (No Underdrain)	2,846
108887	Los Angeles	Ashby Ave	Bioretention (No Underdrain)	2,006
108887	Los Angeles	Ashton Ave	Bioretention (No Underdrain)	5,597
108887	Los Angeles	Ave of the Stars	Bioretention (No Underdrain)	1,508
108887	Los Angeles	Ayres Ave	Bioretention (No Underdrain)	3,575
109087	Los Angeles	Bainbridge Ave	Bioretention (No Underdrain)	43
109087	Los Angeles	Balsam Ave	Bioretention (No Underdrain)	1,379
109087	Los Angeles	Bellwood Ave	Bioretention (No Underdrain)	722
109087	Los Angeles	Benecia Ave	Bioretention (No Underdrain)	2,952
109087	Los Angeles	Birchwood Dr	Bioretention (No Underdrain)	859
109087	Los Angeles	Blythe Ave	Bioretention (No Underdrain)	2,141
109087	Los Angeles	Bradbury Rd	Bioretention (No Underdrain)	1,622
109087	Los Angeles	Brookhaven Ave	Bioretention (No Underdrain)	569
109087	Los Angeles	Butterfield Rd	Bioretention (No Underdrain)	2,122
109087	Los Angeles	Calmar Ct	Bioretention (No Underdrain)	193
109087	Los Angeles	Calvin Ave	Bioretention (No Underdrain)	998
109087	Los Angeles	Century Park W	Bioretention (No Underdrain)	1,905
109087	Los Angeles	Century Woods Dr	Bioretention (No Underdrain)	49
109087	Los Angeles	Charing Cross Rd	Bioretention (No Underdrain)	611
109087	Los Angeles	Charles E Young Dr N	Bioretention (No Underdrain)	68
109087	Los Angeles	Cheviot Dr	Bioretention (No Underdrain)	2,292
109087	Los Angeles	Circle Dr E	Bioretention (No Underdrain)	133
109087	Los Angeles	Clarkson Rd	Bioretention (No Underdrain)	851
109087	Los Angeles	Club Dr	Bioretention (No Underdrain)	936
109087	Los Angeles	Club Pl	Bioretention (No Underdrain)	394
109087	Los Angeles	Club View Dr	Bioretention (No Underdrain)	3,177
109187	Los Angeles	Comstock Ave	Bioretention (No Underdrain)	8,698
109187	Los Angeles	Constellation Blvd	Bioretention (No Underdrain)	1,187
109187	Los Angeles	Conway Ave	Bioretention (No Underdrain)	542
109187	Los Angeles	Coventry Pl	Bioretention (No Underdrain)	3,024
109187	Los Angeles	Cresta Dr	Bioretention (No Underdrain)	1,894
109187	Los Angeles	Cresta Pl	Bioretention (No Underdrain)	320
109187	Los Angeles	Crestview Ct	Bioretention (No Underdrain)	293
109187	Los Angeles	Cushdon Ave	Bioretention (No Underdrain)	3,422
109187	Los Angeles	Dalehurst Ave	Bioretention (No Underdrain)	2,590
109187	Los Angeles	Devon Ave	Bioretention (No Underdrain)	2,113
109187	Los Angeles	Draper Ave	Bioretention (No Underdrain)	451
109187	Los Angeles	Dumfries Rd	Bioretention (No Underdrain)	129
109187	Los Angeles	Dunkirk Ave	Bioretention (No Underdrain)	518
109187	Los Angeles	Dunleer Pl	Bioretention (No Underdrain)	616
109187	Los Angeles	E Temple Way	Bioretention (No Underdrain)	35
109187	Los Angeles	Eastborne Ave	Bioretention (No Underdrain)	4,053
109187	Los Angeles	Edgeley Pl	Bioretention (No Underdrain)	216
109187	Los Angeles	Ensley Ave	Bioretention (No Underdrain)	431
109187	Los Angeles	Esther Ave	Bioretention (No Underdrain)	2,654
109187	Los Angeles	Fairburn Ave	Bioretention (No Underdrain)	4,323
109187	Los Angeles	Forrester Dr	Bioretention (No Underdrain)	777
109187	Los Angeles	Fox Hills Dr	Bioretention (No Underdrain)	3,941
109187	Los Angeles	Garden Ln	Bioretention (No Underdrain)	93
109187	Los Angeles	Garwood Pl	Bioretention (No Underdrain)	246
109187	Los Angeles	Gilmerton Ave	Bioretention (No Underdrain)	562
109187	Los Angeles	Glenbarr Ave	Bioretention (No Underdrain)	1,162
109187	Los Angeles	Glendon Ave	Bioretention (No Underdrain)	9,170
109187	Los Angeles	Glenmont Ave	Bioretention (No Underdrain)	675

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Los Angeles	Greenfield Ave	Bioretention (No Underdrain)	851
109187	Los Angeles	Haddington Dr	Bioretention (No Underdrain)	1,075
109187	Los Angeles	Hilgard Ave	Bioretention (No Underdrain)	2,946
109187	Los Angeles	Hilts Ave	Bioretention (No Underdrain)	1,445
109187	Los Angeles	Holman Ave	Bioretention (No Underdrain)	4,171
109187	Los Angeles	Holmby Ave	Bioretention (No Underdrain)	5,973
109187	Los Angeles	Ilona Ave	Bioretention (No Underdrain)	2,937
109187	Los Angeles	Kelton Ave	Bioretention (No Underdrain)	2,631
109187	Los Angeles	Kerwood Ave	Bioretention (No Underdrain)	3,348
109187	Los Angeles	Keswick Ave	Bioretention (No Underdrain)	1,466
109187	Los Angeles	Kinnard Ave	Bioretention (No Underdrain)	2,795
109187	Los Angeles	la Grange Ave	Bioretention (No Underdrain)	3,958
109187	Los Angeles	Lauriston Ave	Bioretention (No Underdrain)	1,968
109187	Los Angeles	Le Conte Ave	Bioretention (No Underdrain)	2,489
109187	Los Angeles	Lindbrook Dr	Bioretention (No Underdrain)	3,990
109187	Los Angeles	Linnington Ave	Bioretention (No Underdrain)	2,027
109187	Los Angeles	Lomond Ave	Bioretention (No Underdrain)	327
109187	Los Angeles	Lorenzo Dr	Bioretention (No Underdrain)	912
109187	Los Angeles	Lorenzo Pl	Bioretention (No Underdrain)	1,001
109187	Los Angeles	Loring Ave	Bioretention (No Underdrain)	2,080
109187	Los Angeles	Louisiana Ave	Bioretention (No Underdrain)	2,653
109187	Los Angeles	Malcolm Ave	Bioretention (No Underdrain)	9,984
109187	Los Angeles	Manning Ave	Bioretention (No Underdrain)	12,930
109187	Los Angeles	Massachusetts Ave	Bioretention (No Underdrain)	2,131
109187	Los Angeles	Mgm Dr	Bioretention (No Underdrain)	93
109187	Los Angeles	Midvale Ave	Bioretention (No Underdrain)	3,842
109187	Los Angeles	Military Ave	Bioretention (No Underdrain)	169
109187	Los Angeles	Mississippi Ave	Bioretention (No Underdrain)	3,661
109187	Los Angeles	Missouri Ave	Bioretention (No Underdrain)	4,829
109187	Los Angeles	Monte Mar Dr	Bioretention (No Underdrain)	1,752
109187	Los Angeles	Motor Ave	Bioretention (No Underdrain)	2,407
109187	Los Angeles	N Temple Way	Bioretention (No Underdrain)	30
109187	Los Angeles	National Blvd	Bioretention (No Underdrain)	1,216
109187	Los Angeles	Norcroft Ave	Bioretention (No Underdrain)	175
109187	Los Angeles	Northvale Rd	Bioretention (No Underdrain)	839
109187	Los Angeles	Oaklawn Rd	Bioretention (No Underdrain)	313
109187	Los Angeles	Ohio Ave	Bioretention (No Underdrain)	3,854
109187	Los Angeles	Orton Ave	Bioretention (No Underdrain)	632
109187	Los Angeles	Overland Ave	Bioretention (No Underdrain)	7,540
109187	Los Angeles	Pandora Ave	Bioretention (No Underdrain)	2,388
109187	Los Angeles	Parnell Ave	Bioretention (No Underdrain)	4,261
109187	Los Angeles	Patricia Ave	Bioretention (No Underdrain)	5,554
109187	Los Angeles	Pelham Ave	Bioretention (No Underdrain)	4,209
109187	Los Angeles	Prosser Ave	Bioretention (No Underdrain)	6,155
109187	Los Angeles	Putney Rd	Bioretention (No Underdrain)	1,750
109187	Los Angeles	Richland Ave	Bioretention (No Underdrain)	955
109187	Los Angeles	Rochester Ave	Bioretention (No Underdrain)	6,269
109187	Los Angeles	Rossbury Pl	Bioretention (No Underdrain)	377
109187	Los Angeles	Rountree Rd	Bioretention (No Underdrain)	1,419
109187	Los Angeles	S Ave of the Stars	Bioretention (No Underdrain)	1,698
109187	Los Angeles	S Beverly Glen Blvd	Bioretention (No Underdrain)	12,217
109187	Los Angeles	S Mapleton Dr	Bioretention (No Underdrain)	1,963
109187	Los Angeles	Santa Monica Blvd	Bioretention (No Underdrain)	4,921
109187	Los Angeles	Selby Ave	Bioretention (No Underdrain)	10,107
109187	Los Angeles	Sproul Ave	Bioretention (No Underdrain)	80

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Los Angeles	St Regis Dr	Bioretention (No Underdrain)	50
109187	Los Angeles	Strathmore Ave	Bioretention (No Underdrain)	667
109187	Los Angeles	Strathmore Dr	Bioretention (No Underdrain)	1,620
109187	Los Angeles	Tennessee Ave	Bioretention (No Underdrain)	5,932
109187	Los Angeles	Thayer Ave	Bioretention (No Underdrain)	7,230
109187	Los Angeles	Troon Ave	Bioretention (No Underdrain)	1,845
109287	Los Angeles	Verona Ave	Bioretention (No Underdrain)	340
109287	Los Angeles	Veteran Ave	Bioretention (No Underdrain)	1,520
109287	Los Angeles	W Galaxy Way	Bioretention (No Underdrain)	357
109287	Los Angeles	W Mississippi Ave	Bioretention (No Underdrain)	209
109287	Los Angeles	W Olympic Blvd	Bioretention (No Underdrain)	6,969
109287	Los Angeles	W Pico Blvd	Bioretention (No Underdrain)	6,440
109287	Los Angeles	Warnall Ave	Bioretention (No Underdrain)	2,365
109287	Los Angeles	Warner Ave	Bioretention (No Underdrain)	5,628
109287	Los Angeles	Wellworth Ave	Bioretention (No Underdrain)	5,206
109287	Los Angeles	Westholme Ave	Bioretention (No Underdrain)	6,907
109287	Los Angeles	Westwood Blvd	Bioretention (No Underdrain)	8,951
109287	Los Angeles	Weyburn Ave	Bioretention (No Underdrain)	271
109287	Los Angeles	Wicklow Rd	Bioretention (No Underdrain)	231
109287	Los Angeles	Wigtown Rd	Bioretention (No Underdrain)	636
109287	Los Angeles	Wilkins Ave	Bioretention (No Underdrain)	5,253
109287	Los Angeles	Wilshire Blvd	Bioretention (No Underdrain)	5,486
109287	Los Angeles	Woodruff Ave	Bioretention (No Underdrain)	3,723
109287	Los Angeles	Wyton Dr	Bioretention (No Underdrain)	2,145
109287	Los Angeles	(unknown)	Bioretention (No Underdrain)	223
109287	Los Angeles	Amapola Ln	Bioretention (No Underdrain)	103
109287	Los Angeles	Angelo Dr	Bioretention (No Underdrain)	48
109287	Los Angeles	Bainbridge Ave	Bioretention (No Underdrain)	839
109287	Los Angeles	Basil Ln	Bioretention (No Underdrain)	286
109287	Los Angeles	Bel Air Rd	Bioretention (No Underdrain)	2,807
109287	Los Angeles	Bellagio Rd	Bioretention (No Underdrain)	1,476
109287	Los Angeles	Beverly Glen Pl	Bioretention (No Underdrain)	121
109287	Los Angeles	Bottlebrush Dr	Bioretention (No Underdrain)	306
109287	Los Angeles	Briarwood Dr	Bioretention (No Underdrain)	41
109287	Los Angeles	Charing Cross Rd	Bioretention (No Underdrain)	1,587
109287	Los Angeles	Chrysanthemum Ln	Bioretention (No Underdrain)	88
109287	Los Angeles	Claray Dr	Bioretention (No Underdrain)	31
109287	Los Angeles	Clearwood Ct	Bioretention (No Underdrain)	84
103275	Los Angeles	Comstock Ave	Bioretention (No Underdrain)	1,137
103275	Los Angeles	Conway Ave	Bioretention (No Underdrain)	938
103275	Los Angeles	Copa de Oro Rd	Bioretention (No Underdrain)	1,699
103275	Los Angeles	Crater Ln	Bioretention (No Underdrain)	13
103275	Los Angeles	Cuesta Way	Bioretention (No Underdrain)	376
103275	Los Angeles	Duluth Ln	Bioretention (No Underdrain)	40
103275	Los Angeles	Fernbush Ln	Bioretention (No Underdrain)	26
103275	Los Angeles	Greendale Dr	Bioretention (No Underdrain)	73
103275	Los Angeles	Hilgard Ave	Bioretention (No Underdrain)	314
103275	Los Angeles	Isadora Ln	Bioretention (No Underdrain)	4
103275	Los Angeles	Isadore Ln	Bioretention (No Underdrain)	4
103275	Los Angeles	Lomond Ave	Bioretention (No Underdrain)	128
103275	Los Angeles	Loring Ave	Bioretention (No Underdrain)	1,891
103275	Los Angeles	Madrono Ln	Bioretention (No Underdrain)	532
103275	Los Angeles	N Angelo Dr	Bioretention (No Underdrain)	48
103275	Los Angeles	N Basil Ln	Bioretention (No Underdrain)	3
103275	Los Angeles	N Beverly Glen Pl	Bioretention (No Underdrain)	23

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103275	Los Angeles	N Bushrod Ln	Bioretention (No Underdrain)	45
103275	Los Angeles	N Claray Dr	Bioretention (No Underdrain)	31
103275	Los Angeles	N Crater Ln	Bioretention (No Underdrain)	0
103275	Los Angeles	N Faring Rd	Bioretention (No Underdrain)	431
103275	Los Angeles	N Langtry Ln	Bioretention (No Underdrain)	13
103275	Los Angeles	N Latimer Ln	Bioretention (No Underdrain)	3
103275	Los Angeles	N Mapleton Dr	Bioretention (No Underdrain)	616
103275	Los Angeles	N Nicada Dr	Bioretention (No Underdrain)	179
103275	Los Angeles	N Oletha Ln	Bioretention (No Underdrain)	62
103275	Los Angeles	N Parkwood Dr	Bioretention (No Underdrain)	641
103275	Los Angeles	N Pointer Ln	Bioretention (No Underdrain)	0
103275	Los Angeles	N Rial Ln	Bioretention (No Underdrain)	47
101483	Los Angeles	N Tiffany Cir	Bioretention (No Underdrain)	462
101583	Los Angeles	N Woodwardia Dr	Bioretention (No Underdrain)	10
101583	Los Angeles	Nicada Dr	Bioretention (No Underdrain)	279
101583	Los Angeles	Nimes Rd	Bioretention (No Underdrain)	34
101583	Los Angeles	Oletha Ln	Bioretention (No Underdrain)	68
101583	Los Angeles	Parkwood Dr	Bioretention (No Underdrain)	641
101583	Los Angeles	Raybet Rd	Bioretention (No Underdrain)	15
101583	Los Angeles	Revuelta Way	Bioretention (No Underdrain)	430
102383	Los Angeles	Rial Ln	Bioretention (No Underdrain)	209
102383	Los Angeles	S Beverly Glen Blvd	Bioretention (No Underdrain)	237
102383	Los Angeles	Saint Cloud Rd	Bioretention (No Underdrain)	1,101
102583	Los Angeles	Sandall Ln	Bioretention (No Underdrain)	58
102583	Los Angeles	Scenario Ln	Bioretention (No Underdrain)	141
102583	Los Angeles	Seabury Ln	Bioretention (No Underdrain)	156
102583	Los Angeles	Selkirk Ln	Bioretention (No Underdrain)	20
102583	Los Angeles	Sprucewood Ln	Bioretention (No Underdrain)	35
102583	Los Angeles	St Pierre Rd	Bioretention (No Underdrain)	1,498
102583	Los Angeles	Strada Corta Rd	Bioretention (No Underdrain)	159
102583	Los Angeles	Tiffany Cir	Bioretention (No Underdrain)	462
102583	Los Angeles	W Briarwood Dr	Bioretention (No Underdrain)	41
102583	Los Angeles	W Chrysanthemum Ln	Bioretention (No Underdrain)	129
102583	Los Angeles	W Louvain Ln	Bioretention (No Underdrain)	76
102583	Los Angeles	W Oletha Ln	Bioretention (No Underdrain)	5
102583	Los Angeles	W Polo Ln	Bioretention (No Underdrain)	76
102583	Los Angeles	W Ridgetop Ln	Bioretention (No Underdrain)	3
102583	Los Angeles	W Scenario Ln	Bioretention (No Underdrain)	29
102583	Los Angeles	W Seabury Ln	Bioretention (No Underdrain)	36
102583	Los Angeles	W Selkirk Ln	Bioretention (No Underdrain)	20
102583	Los Angeles	Woodruff Ave	Bioretention (No Underdrain)	847
102583	Los Angeles	Woodwardia Dr	Bioretention (No Underdrain)	10
102583	Los Angeles	(unknown)	Bioretention (No Underdrain)	267
102583	Los Angeles	Ashton Ave	Bioretention (No Underdrain)	1,178
102583	Los Angeles	Ayres Ave	Bioretention (No Underdrain)	1,423
102583	Los Angeles	Brookhaven Ave	Bioretention (No Underdrain)	1,063
102583	Los Angeles	Broxton Ave	Bioretention (No Underdrain)	750
102883	Los Angeles	Camden Ave	Bioretention (No Underdrain)	6,245
102883	Los Angeles	Gayley Ave	Bioretention (No Underdrain)	1,491
102883	Los Angeles	Glendon Ave	Bioretention (No Underdrain)	1,815
102883	Los Angeles	Greenfield Ave	Bioretention (No Underdrain)	8,773
102883	Los Angeles	Hilgard Ave	Bioretention (No Underdrain)	3,047
102883	Los Angeles	Kelton Ave	Bioretention (No Underdrain)	8,278
102883	Los Angeles	Kinross Ave	Bioretention (No Underdrain)	852
102883	Los Angeles	la Grange Ave	Bioretention (No Underdrain)	2,273

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102883	Los Angeles	Le Conte Ave	Bioretention (No Underdrain)	1,880
102883	Los Angeles	Lindbrook Dr	Bioretention (No Underdrain)	2,305
102883	Los Angeles	Malcolm Ave	Bioretention (No Underdrain)	2,250
102883	Los Angeles	Manning Ave	Bioretention (No Underdrain)	339
102883	Los Angeles	Manning Dr	Bioretention (No Underdrain)	48
102883	Los Angeles	Massachusetts Ave	Bioretention (No Underdrain)	1,269
102883	Los Angeles	Midvale Ave	Bioretention (No Underdrain)	7,381
102883	Los Angeles	Military Ave	Bioretention (No Underdrain)	3,097
102883	Los Angeles	Mississippi Ave	Bioretention (No Underdrain)	2,439
102883	Los Angeles	Missouri Ave	Bioretention (No Underdrain)	2,110
102883	Los Angeles	Ohio Ave	Bioretention (No Underdrain)	2,050
102883	Los Angeles	Richland Ave	Bioretention (No Underdrain)	96
102883	Los Angeles	Rochester Ave	Bioretention (No Underdrain)	754
102883	Los Angeles	S Bentley Ave	Bioretention (No Underdrain)	6,217
102883	Los Angeles	S Sepulveda Blvd	Bioretention (No Underdrain)	446
102883	Los Angeles	S Westwood Blvd	Bioretention (No Underdrain)	1,271
102883	Los Angeles	Sardis Ave	Bioretention (No Underdrain)	6
102883	Los Angeles	Sproul Ave	Bioretention (No Underdrain)	602
102883	Los Angeles	Tennessee Ave	Bioretention (No Underdrain)	2,169
102883	Los Angeles	Tilden Ave	Bioretention (No Underdrain)	20
102883	Los Angeles	Tiverton Ave	Bioretention (No Underdrain)	1,395
102883	Los Angeles	Tiverton Dr	Bioretention (No Underdrain)	43
102883	Los Angeles	Veteran Ave	Bioretention (No Underdrain)	10,602
102883	Los Angeles	W Brookhaven Ave	Bioretention (No Underdrain)	307
102883	Los Angeles	W Olympic Blvd	Bioretention (No Underdrain)	2,139
102883	Los Angeles	W Pico Blvd	Bioretention (No Underdrain)	2,154
102883	Los Angeles	Wellworth Ave	Bioretention (No Underdrain)	976
102883	Los Angeles	Westwood Blvd	Bioretention (No Underdrain)	4,126
102883	Los Angeles	Weyburn Ave	Bioretention (No Underdrain)	2,650
102883	Los Angeles	Weyburn Pl	Bioretention (No Underdrain)	419
102883	Los Angeles	Wilkins Ave	Bioretention (No Underdrain)	831
102883	Los Angeles	Wilshire Blvd	Bioretention (No Underdrain)	2,978
102883	Los Angeles	(unknown)	Bioretention (No Underdrain)	46
102883	Los Angeles	Acanto St	Bioretention (No Underdrain)	555
102883	Los Angeles	Acari Dr	Bioretention (No Underdrain)	604
102883	Los Angeles	Albata St	Bioretention (No Underdrain)	886
102883	Los Angeles	Ashdale Ave	Bioretention (No Underdrain)	294
102883	Los Angeles	Ashdale Pl	Bioretention (No Underdrain)	696
102883	Los Angeles	Ayrshire Rd	Bioretention (No Underdrain)	42
102883	Los Angeles	Barlock Ave	Bioretention (No Underdrain)	829
102883	Los Angeles	Bellagio Rd	Bioretention (No Underdrain)	284
102883	Los Angeles	Bellagio Ter	Bioretention (No Underdrain)	413
102883	Los Angeles	Beloit Ave	Bioretention (No Underdrain)	4,210
102883	Los Angeles	Bentley Cir	Bioretention (No Underdrain)	67
102883	Los Angeles	Berwick St	Bioretention (No Underdrain)	879
102883	Los Angeles	Beverly Park Dr	Bioretention (No Underdrain)	32
103083	Los Angeles	Bolas St	Bioretention (No Underdrain)	786
103083	Los Angeles	Bronwood Ave	Bioretention (No Underdrain)	1,282
103083	Los Angeles	Burnham St	Bioretention (No Underdrain)	886
103083	Los Angeles	Cascada Way	Bioretention (No Underdrain)	225
103083	Los Angeles	Cashmere St	Bioretention (No Underdrain)	2,207
103083	Los Angeles	Cashmere Ter	Bioretention (No Underdrain)	350
103083	Los Angeles	Chalon Rd	Bioretention (No Underdrain)	931
103083	Los Angeles	Chenault St	Bioretention (No Underdrain)	878
103083	Los Angeles	Dalkeith Ave	Bioretention (No Underdrain)	227

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103083	Los Angeles	Davis Ave	Bioretention (No Underdrain)	25
103083	Los Angeles	Denair St	Bioretention (No Underdrain)	446
103083	Los Angeles	Denslow Ave	Bioretention (No Underdrain)	587
103083	Los Angeles	Elderwood St	Bioretention (No Underdrain)	563
103083	Los Angeles	Farlin St	Bioretention (No Underdrain)	591
103083	Los Angeles	Gladwin St	Bioretention (No Underdrain)	652
103083	Los Angeles	Glenroy Pl	Bioretention (No Underdrain)	274
103083	Los Angeles	Homedale St	Bioretention (No Underdrain)	1,334
103083	Los Angeles	Isleta St	Bioretention (No Underdrain)	590
103083	Los Angeles	Joffre St	Bioretention (No Underdrain)	372
103083	Los Angeles	Kiel St	Bioretention (No Underdrain)	177
103083	Los Angeles	Ledo Way	Bioretention (No Underdrain)	134
103083	Los Angeles	Levering Ave	Bioretention (No Underdrain)	242
103083	Los Angeles	Linda Flora Dr	Bioretention (No Underdrain)	2,154
103083	Los Angeles	Montana Ave	Bioretention (No Underdrain)	1,752
103083	Los Angeles	N Bentley Ave	Bioretention (No Underdrain)	304
103083	Los Angeles	N Church Ln	Bioretention (No Underdrain)	252
103083	Los Angeles	N Glenroy Ave	Bioretention (No Underdrain)	999
103083	Los Angeles	N Glenroy Pl	Bioretention (No Underdrain)	274
103083	Los Angeles	N Sepulveda Blvd	Bioretention (No Underdrain)	463
103083	Los Angeles	N Thurston Ave	Bioretention (No Underdrain)	639
103083	Los Angeles	N Thurston Pl	Bioretention (No Underdrain)	306
103083	Los Angeles	Orum Rd	Bioretention (No Underdrain)	163
103083	Los Angeles	Ovada Pl	Bioretention (No Underdrain)	328
103083	Los Angeles	S Bentley Ave	Bioretention (No Underdrain)	2,403
103083	Los Angeles	S Church Ln	Bioretention (No Underdrain)	231
103083	Los Angeles	S Glenroy Ave	Bioretention (No Underdrain)	1,707
103083	Los Angeles	S Gunston Dr	Bioretention (No Underdrain)	222
103083	Los Angeles	S Layton Dr	Bioretention (No Underdrain)	59
103083	Los Angeles	S Montana Ave	Bioretention (No Underdrain)	58
103083	Los Angeles	S Sepulveda Blvd	Bioretention (No Underdrain)	1,020
103083	Los Angeles	S Thurston Ave	Bioretention (No Underdrain)	919
103083	Los Angeles	S Woodburn Dr	Bioretention (No Underdrain)	364
103083	Los Angeles	Tavistock Ave	Bioretention (No Underdrain)	714
103083	Los Angeles	Thurston Cir	Bioretention (No Underdrain)	477
103083	Los Angeles	Waterford St	Bioretention (No Underdrain)	725
103083	Los Angeles	(unknown)	Bioretention (No Underdrain)	116
103083	Los Angeles	Acanto Pl	Bioretention (No Underdrain)	1,118
103083	Los Angeles	Bel Ter	Bioretention (No Underdrain)	90
103083	Los Angeles	Bellagio Rd	Bioretention (No Underdrain)	389
103083	Los Angeles	Brownfield Dr	Bioretention (No Underdrain)	74
103083	Los Angeles	Canyonback Rd	Bioretention (No Underdrain)	95
103083	Los Angeles	Casiano Rd	Bioretention (No Underdrain)	1,415
103083	Los Angeles	Collina Strada St	Bioretention (No Underdrain)	13
103083	Los Angeles	Corda Dr	Bioretention (No Underdrain)	1,192
103083	Los Angeles	Corda Ln	Bioretention (No Underdrain)	267
103083	Los Angeles	Elvido Dr	Bioretention (No Underdrain)	1,416
103083	Los Angeles	Elvill Dr	Bioretention (No Underdrain)	417
103083	Los Angeles	Mission Dump Rd	Bioretention (No Underdrain)	209
103083	Los Angeles	Montego Dr	Bioretention (No Underdrain)	23
103083	Los Angeles	Mountain Gate Dr	Bioretention (No Underdrain)	14
103083	Los Angeles	Mountaingate Dr	Bioretention (No Underdrain)	14
103283	Los Angeles	Mountaingate Ridge Rd	Bioretention (No Underdrain)	43
103283	Los Angeles	Mulholland Dr	Bioretention (No Underdrain)	1,040
103283	Los Angeles	Mulholland Pl	Bioretention (No Underdrain)	1

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103283	Los Angeles	N Sepulveda Blvd	Bioretention (No Underdrain)	4,457
103283	Los Angeles	Park Lane Cir	Bioretention (No Underdrain)	1,752
103283	Los Angeles	Park Lane Dr	Bioretention (No Underdrain)	416
103283	Los Angeles	Park Lane Pl	Bioretention (No Underdrain)	385
103283	Los Angeles	Sepulveda Blvd	Bioretention (No Underdrain)	1,987
103783	Los Angeles	Skirball Center Dr	Bioretention (No Underdrain)	203
103783	Los Angeles	Sloan Dr	Bioretention (No Underdrain)	974
104083	Los Angeles	Stone Oak Dr	Bioretention (No Underdrain)	16
105883	Los Angeles	Zeldins Way	Bioretention (No Underdrain)	116
105883	Los Angeles	(unknown)	Bioretention (No Underdrain)	349
106083	Los Angeles	Aqua Verde Dr	Bioretention (No Underdrain)	55
106083	Los Angeles	Belcanto	Bioretention (No Underdrain)	37
106083	Los Angeles	Belcanto Dr	Bioretention (No Underdrain)	37
106783	Los Angeles	Bellagio Rd	Bioretention (No Underdrain)	1,464
106783	Los Angeles	Brownwood Pl	Bioretention (No Underdrain)	262
106783	Los Angeles	Casiano Rd	Bioretention (No Underdrain)	606
106783	Los Angeles	Duomo Via	Bioretention (No Underdrain)	315
106783	Los Angeles	Earls Ct	Bioretention (No Underdrain)	15
106783	Los Angeles	Hamner Dr	Bioretention (No Underdrain)	1,408
106783	Los Angeles	Milldale Dr	Bioretention (No Underdrain)	751
106783	Los Angeles	Moraga Dr	Bioretention (No Underdrain)	3,605
106783	Los Angeles	Moraga Ter	Bioretention (No Underdrain)	30
106783	Los Angeles	N Sepulveda Blvd	Bioretention (No Underdrain)	32
106783	Los Angeles	Nalin Dr	Bioretention (No Underdrain)	718
106783	Los Angeles	Nalin Pl	Bioretention (No Underdrain)	123
106783	Los Angeles	Roscomare Rd	Bioretention (No Underdrain)	2,671
106783	Los Angeles	Spiros Dr	Bioretention (No Underdrain)	30
106783	Los Angeles	Bellagio Rd	Bioretention (No Underdrain)	1,135
106783	Los Angeles	Bellagio Way	Bioretention (No Underdrain)	214
106783	Los Angeles	Bentley Cir	Bioretention (No Underdrain)	20
106783	Los Angeles	Cashmere St	Bioretention (No Underdrain)	651
106783	Los Angeles	Cashmere Ter	Bioretention (No Underdrain)	123
106783	Los Angeles	Constitution Ave	Bioretention (No Underdrain)	2
106783	Los Angeles	Denslow Ave	Bioretention (No Underdrain)	1,151
106783	Los Angeles	Funchal Rd	Bioretention (No Underdrain)	201
106783	Los Angeles	Gayley Ave	Bioretention (No Underdrain)	386
106783	Los Angeles	Greenfield Ave	Bioretention (No Underdrain)	771
106783	Los Angeles	Kelton Ave	Bioretention (No Underdrain)	2,018
106783	Los Angeles	Levering Ave	Bioretention (No Underdrain)	1,268
106783	Los Angeles	Midvale Ave	Bioretention (No Underdrain)	349
106783	Los Angeles	Montana Ave	Bioretention (No Underdrain)	727
106783	Los Angeles	N Bentley Ave	Bioretention (No Underdrain)	172
106783	Los Angeles	Ophir Dr	Bioretention (No Underdrain)	1,093
106783	Los Angeles	Strathmore Dr	Bioretention (No Underdrain)	367
106783	Los Angeles	Tilden Ave	Bioretention (No Underdrain)	572
106783	Los Angeles	Veteran Ave	Bioretention (No Underdrain)	3,781
106783	Los Angeles	W Bellagio Pl	Bioretention (No Underdrain)	0
106783	Los Angeles	Wilshire Blvd	Bioretention (No Underdrain)	31
106783	Los Angeles	(unknown)	Bioretention (No Underdrain)	125
106783	Los Angeles	Anzio Rd	Bioretention (No Underdrain)	69
106783	Los Angeles	Bellagio Rd	Bioretention (No Underdrain)	86
106783	Los Angeles	Chalon Rd	Bioretention (No Underdrain)	112
106783	Los Angeles	Donella Cir	Bioretention (No Underdrain)	477
106783	Los Angeles	Linda Flora Dr	Bioretention (No Underdrain)	3,217
106783	Los Angeles	Roscomare Rd	Bioretention (No Underdrain)	7,061

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
106783	Los Angeles	Savona Rd	Bioretention (No Underdrain)	20
106783	Los Angeles	Stradella Rd	Bioretention (No Underdrain)	1,658
106783	Los Angeles	Verano Rd	Bioretention (No Underdrain)	59
106783	Los Angeles	(unknown)	Bioretention (No Underdrain)	55
106783	Los Angeles	Chalon Rd	Bioretention (No Underdrain)	351
106783	Los Angeles	Chantilly Rd	Bioretention (No Underdrain)	1,822
106783	Los Angeles	Portofino Pl	Bioretention (No Underdrain)	185
106783	Los Angeles	Roberto Ln	Bioretention (No Underdrain)	989
106783	Los Angeles	Savona Rd	Bioretention (No Underdrain)	712
106783	Los Angeles	Somera Rd	Bioretention (No Underdrain)	1,413
106783	Los Angeles	Stradella Ct	Bioretention (No Underdrain)	103
106783	Los Angeles	Stradella Rd	Bioretention (No Underdrain)	1,760
106783	Los Angeles	Tarcuto Way	Bioretention (No Underdrain)	398
106783	Los Angeles	Via Verona St	Bioretention (No Underdrain)	548
106783	Los Angeles	Vicenza Way	Bioretention (No Underdrain)	411
106783	Los Angeles	Broxton Ave	Bioretention (No Underdrain)	447
106783	Los Angeles	Cashmere St	Bioretention (No Underdrain)	7
106783	Los Angeles	Constitution Ave	Bioretention (No Underdrain)	118
106783	Los Angeles	Gayley Ave	Bioretention (No Underdrain)	3,681
106783	Los Angeles	Glenrock Ave	Bioretention (No Underdrain)	601
106983	Los Angeles	Kinross Ave	Bioretention (No Underdrain)	50
108083	Los Angeles	Landfair Ave	Bioretention (No Underdrain)	2,048
108083	Los Angeles	Le Conte Ave	Bioretention (No Underdrain)	1,020
108083	Los Angeles	Levering Ave	Bioretention (No Underdrain)	1,686
108083	Los Angeles	Midvale Ave	Bioretention (No Underdrain)	1,165
108083	Los Angeles	North Ln	Bioretention (No Underdrain)	0
108083	Los Angeles	Ophir Dr	Bioretention (No Underdrain)	435
108083	Los Angeles	Roebling Ave	Bioretention (No Underdrain)	536
108083	Los Angeles	S Buenos Aires Dr	Bioretention (No Underdrain)	52
108083	Los Angeles	S Westwood Blvd	Bioretention (No Underdrain)	293
108083	Los Angeles	South Ln	Bioretention (No Underdrain)	33
108083	Los Angeles	Strathmore Dr	Bioretention (No Underdrain)	1,007
108183	Los Angeles	Strathmore Pl	Bioretention (No Underdrain)	103
108883	Los Angeles	Veteran Ave	Bioretention (No Underdrain)	3,207
117583	Los Angeles	Westwood Blvd	Bioretention (No Underdrain)	248
117583	Los Angeles	Weyburn Ave	Bioretention (No Underdrain)	653
117583	Los Angeles	Weyburn Pl	Bioretention (No Underdrain)	533
117583	Los Angeles	Bellagio Rd	Bioretention (No Underdrain)	682
117583	Los Angeles	Capello Way	Bioretention (No Underdrain)	209
117583	Los Angeles	Chalon Rd	Bioretention (No Underdrain)	212
117583	Los Angeles	Dolcedo Way	Bioretention (No Underdrain)	11
117583	Los Angeles	Fontenelle Way	Bioretention (No Underdrain)	130
117583	Los Angeles	Lausanne Rd	Bioretention (No Underdrain)	8
117583	Los Angeles	Levico Way	Bioretention (No Underdrain)	57
108887	Los Angeles	Lindamere Dr	Bioretention (No Underdrain)	350
108887	Los Angeles	Marymount Pl	Bioretention (No Underdrain)	74
108887	Los Angeles	Mulholland Dr	Bioretention (No Underdrain)	127
108887	Los Angeles	N Angola Ln	Bioretention (No Underdrain)	451
108887	Los Angeles	N Bernardine Ln	Bioretention (No Underdrain)	2,790
108887	Los Angeles	N Columbine Ln	Bioretention (No Underdrain)	464
108887	Los Angeles	N Hermos Ln	Bioretention (No Underdrain)	14
108887	Los Angeles	N Melody Ln	Bioretention (No Underdrain)	1,177
108887	Los Angeles	Ottone Way	Bioretention (No Underdrain)	14
108887	Los Angeles	Rocca Pl	Bioretention (No Underdrain)	7
108887	Los Angeles	Rocca Wy Pl	Bioretention (No Underdrain)	39

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
108887	Los Angeles	Roscomare Rd	Bioretention (No Underdrain)	240
108887	Los Angeles	Siena Way	Bioretention (No Underdrain)	84
108887	Los Angeles	Somma Way	Bioretention (No Underdrain)	463
108887	Los Angeles	Stone Canyon Rd	Bioretention (No Underdrain)	7,735
108887	Los Angeles	Strada Corta Rd	Bioretention (No Underdrain)	666
108887	Los Angeles	Stradella Rd	Bioretention (No Underdrain)	1,206
108887	Los Angeles	Taranto Way	Bioretention (No Underdrain)	26
108887	Los Angeles	Tortuoso Way	Bioretention (No Underdrain)	39
108887	Los Angeles	Udine Way	Bioretention (No Underdrain)	67
108887	Los Angeles	Vestone Way	Bioretention (No Underdrain)	35
108887	Los Angeles	W Burford Ln	Bioretention (No Underdrain)	626
108887	Los Angeles	W Chrysanthemum Ln	Bioretention (No Underdrain)	355
108887	Los Angeles	W Cymbal Ln	Bioretention (No Underdrain)	848
108887	Los Angeles	W Hector Ln	Bioretention (No Underdrain)	79
108887	Los Angeles	W Louvain Ln	Bioretention (No Underdrain)	52
108887	Los Angeles	W Montier Ln	Bioretention (No Underdrain)	462
108887	Los Angeles	W Oletha Ln	Bioretention (No Underdrain)	234
108887	Los Angeles	W Ruthven Ln	Bioretention (No Underdrain)	319
108887	Los Angeles	W Scenario Ln	Bioretention (No Underdrain)	587
108887	Los Angeles	W Seabury Ln	Bioretention (No Underdrain)	162
109087	Los Angeles	W Selkirk Ln	Bioretention (No Underdrain)	730
109087	Los Angeles	W Tulip Ln	Bioretention (No Underdrain)	20
109087	Los Angeles	W Tupelo Ln	Bioretention (No Underdrain)	355
109087	Los Angeles	W Urlan Ln	Bioretention (No Underdrain)	176
109087	Los Angeles	Ambazac Way	Bioretention (No Underdrain)	97
109087	Los Angeles	Barnaby Rd	Bioretention (No Underdrain)	111
109087	Los Angeles	Bellagio Rd	Bioretention (No Underdrain)	1,176
109087	Los Angeles	Carcassone Rd	Bioretention (No Underdrain)	59
109087	Los Angeles	Chalon Rd	Bioretention (No Underdrain)	133
109087	Los Angeles	Dolo Way	Bioretention (No Underdrain)	5
109087	Los Angeles	Groverton Pl	Bioretention (No Underdrain)	607
109087	Los Angeles	N Perugia Way	Bioretention (No Underdrain)	1,049
109087	Los Angeles	Perugia Way	Bioretention (No Underdrain)	1,049
109087	Los Angeles	Sarbonne Rd	Bioretention (No Underdrain)	628
109087	Los Angeles	Siena Way	Bioretention (No Underdrain)	269
109087	Los Angeles	Stradella Rd	Bioretention (No Underdrain)	152
109087	Los Angeles	(unknown)	Bioretention (No Underdrain)	344
109087	Los Angeles	Altman Ave	Bioretention (No Underdrain)	355
109087	Los Angeles	Anchor Ave	Bioretention (No Underdrain)	1,549
109087	Los Angeles	Bagley Ave	Bioretention (No Underdrain)	1,700
109087	Los Angeles	Barbydell Dr	Bioretention (No Underdrain)	1,610
109187	Los Angeles	Beverly Dr	Bioretention (No Underdrain)	599
109187	Los Angeles	Beverlywood St	Bioretention (No Underdrain)	1,751
109187	Los Angeles	Beverwil Dr	Bioretention (No Underdrain)	4,973
109187	Los Angeles	Bolton Rd	Bioretention (No Underdrain)	827
109187	Los Angeles	Bridlevale Dr	Bioretention (No Underdrain)	84
109187	Los Angeles	Burgen Ave	Bioretention (No Underdrain)	528
109187	Los Angeles	Cardiff Ave	Bioretention (No Underdrain)	2,921
109187	Los Angeles	Castle Heights Ave	Bioretention (No Underdrain)	6,192
109187	Los Angeles	Castle Heights Pl	Bioretention (No Underdrain)	793
109187	Los Angeles	Cattaraugus Ave	Bioretention (No Underdrain)	407
109187	Los Angeles	Charnock Ave	Bioretention (No Underdrain)	624
109187	Los Angeles	Cheviot Dr	Bioretention (No Underdrain)	446
109187	Los Angeles	Cisco St	Bioretention (No Underdrain)	279
109187	Los Angeles	Clarington Ave	Bioretention (No Underdrain)	3,158

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Los Angeles	Club Dr	Bioretention (No Underdrain)	2,985
109187	Los Angeles	Cresta Dr	Bioretention (No Underdrain)	1,824
109187	Los Angeles	Culver Blvd	Bioretention (No Underdrain)	164
109187	Los Angeles	Danalda Dr	Bioretention (No Underdrain)	1,238
109187	Los Angeles	Dannyhill Dr	Bioretention (No Underdrain)	1,185
109187	Los Angeles	Delmas Ter	Bioretention (No Underdrain)	624
109187	Los Angeles	Dunn Dr	Bioretention (No Underdrain)	2,702
109187	Los Angeles	Duxbury Cir	Bioretention (No Underdrain)	1,547
109187	Los Angeles	Duxbury Ln	Bioretention (No Underdrain)	288
109187	Los Angeles	Duxbury Pl	Bioretention (No Underdrain)	188
109187	Los Angeles	Edith St	Bioretention (No Underdrain)	510
109187	Los Angeles	Faris Dr	Bioretention (No Underdrain)	810
109187	Los Angeles	Flint Ave	Bioretention (No Underdrain)	633
109187	Los Angeles	Forrester Dr	Bioretention (No Underdrain)	1,097
109187	Los Angeles	Girla Way	Bioretention (No Underdrain)	30
109187	Los Angeles	Guthrie Ct	Bioretention (No Underdrain)	5
109187	Los Angeles	Guthrie Dr	Bioretention (No Underdrain)	242
109187	Los Angeles	Hannum Dr	Bioretention (No Underdrain)	514
109187	Los Angeles	Hughes Ave	Bioretention (No Underdrain)	2,703
109187	Los Angeles	Kincardine Ave	Bioretention (No Underdrain)	427
109187	Los Angeles	Kirkside Rd	Bioretention (No Underdrain)	1,359
109187	Los Angeles	Krim Dr	Bioretention (No Underdrain)	12
109187	Los Angeles	Manning Ave	Bioretention (No Underdrain)	124
109187	Los Angeles	Manning Ct	Bioretention (No Underdrain)	438
109187	Los Angeles	Mc Connell Dr	Bioretention (No Underdrain)	2,387
109187	Los Angeles	Mc Connell Pl	Bioretention (No Underdrain)	317
109187	Los Angeles	Medill Pl	Bioretention (No Underdrain)	496
109187	Los Angeles	Monte Mar Dr	Bioretention (No Underdrain)	180
109187	Los Angeles	Monte Mar Pl	Bioretention (No Underdrain)	241
109187	Los Angeles	Monte Mar Ter	Bioretention (No Underdrain)	1,063
109187	Los Angeles	Motor Pl	Bioretention (No Underdrain)	418
109187	Los Angeles	National Blvd	Bioretention (No Underdrain)	2,051
109187	Los Angeles	Oakhurst Ave	Bioretention (No Underdrain)	1,527
109187	Los Angeles	Oakmore Rd	Bioretention (No Underdrain)	1,418
109187	Los Angeles	Palms Blvd	Bioretention (No Underdrain)	584
109187	Los Angeles	Patricia Ave	Bioretention (No Underdrain)	280
109187	Los Angeles	Provon Ln	Bioretention (No Underdrain)	657
109187	Los Angeles	Regent St	Bioretention (No Underdrain)	2,194
109187	Los Angeles	Rossbury Pl	Bioretention (No Underdrain)	293
109187	Los Angeles	Roxbury Dr	Bioretention (No Underdrain)	1,006
109187	Los Angeles	S Beverly Dr	Bioretention (No Underdrain)	3,363
109187	Los Angeles	S Canfield Ave	Bioretention (No Underdrain)	844
109187	Los Angeles	S Roxbury Dr	Bioretention (No Underdrain)	1,006
109187	Los Angeles	Sawyer St	Bioretention (No Underdrain)	1,025
109187	Los Angeles	Shelby Dr	Bioretention (No Underdrain)	1,308
109187	Los Angeles	Stellbar Pl	Bioretention (No Underdrain)	201
109187	Los Angeles	Tabor St	Bioretention (No Underdrain)	1,281
109187	Los Angeles	Vicar St	Bioretention (No Underdrain)	528
109187	Los Angeles	Watseka Ave	Bioretention (No Underdrain)	1,541
109187	Los Angeles	Woodbine St	Bioretention (No Underdrain)	330
109187	Los Angeles	(unknown)	Biofiltration (Underdrain)	872
109187	Los Angeles	Airdrome St	Biofiltration (Underdrain)	24
109187	Los Angeles	Alcott St	Biofiltration (Underdrain)	155
109187	Los Angeles	Beverwil Dr	Biofiltration (Underdrain)	2,899
109187	Los Angeles	Cashio St	Biofiltration (Underdrain)	939

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Los Angeles	Edris Dr	Biofiltration (Underdrain)	1,792
109187	Los Angeles	el Camino Dr	Biofiltration (Underdrain)	0
109187	Los Angeles	Holcomb St	Biofiltration (Underdrain)	495
109187	Los Angeles	Horner St	Biofiltration (Underdrain)	197
109187	Los Angeles	Lockford St	Biofiltration (Underdrain)	713
109187	Los Angeles	Monte Mar Dr	Biofiltration (Underdrain)	1,951
109187	Los Angeles	Reeves St	Biofiltration (Underdrain)	552
109187	Los Angeles	Rexford Dr	Biofiltration (Underdrain)	1,987
109187	Los Angeles	Rodeo Dr	Biofiltration (Underdrain)	479
109187	Los Angeles	S Beverly Dr	Biofiltration (Underdrain)	2,065
109187	Los Angeles	S Camden Dr	Biofiltration (Underdrain)	270
109187	Los Angeles	S Crescent Dr	Biofiltration (Underdrain)	0
109187	Los Angeles	S el Camino Dr	Biofiltration (Underdrain)	0
109187	Los Angeles	S Elm Dr	Biofiltration (Underdrain)	671
109187	Los Angeles	S Rexford Dr	Biofiltration (Underdrain)	0
109187	Los Angeles	S Rodeo Dr	Biofiltration (Underdrain)	579
109187	Los Angeles	Saturn St	Biofiltration (Underdrain)	170
109187	Los Angeles	Smithwood Dr	Biofiltration (Underdrain)	769
109187	Los Angeles	W Pico Blvd	Biofiltration (Underdrain)	1,602
109187	Los Angeles	Whitworth Dr	Biofiltration (Underdrain)	921
109287	Los Angeles	(unknown)	Bioretention (No Underdrain)	383
109287	Los Angeles	Alcott St	Bioretention (No Underdrain)	486
109287	Los Angeles	Ambassador St	Bioretention (No Underdrain)	51
109287	Los Angeles	Ave of the Stars	Bioretention (No Underdrain)	2,832
109287	Los Angeles	Beverly Green Dr	Bioretention (No Underdrain)	772
109287	Los Angeles	Cashio St	Bioretention (No Underdrain)	751
109287	Los Angeles	Castello Pl	Bioretention (No Underdrain)	175
109287	Los Angeles	Century Hill	Bioretention (No Underdrain)	100
109287	Los Angeles	Century Park E	Bioretention (No Underdrain)	4,188
109287	Los Angeles	Century Park Ln	Bioretention (No Underdrain)	37
109287	Los Angeles	Club View Dr	Bioretention (No Underdrain)	1,111
109287	Los Angeles	Constellation Blvd	Bioretention (No Underdrain)	924
109287	Los Angeles	Daniels Dr	Bioretention (No Underdrain)	79
109287	Los Angeles	Eastborne Ave	Bioretention (No Underdrain)	429
109287	Los Angeles	Empyrean Way	Bioretention (No Underdrain)	958
109287	Los Angeles	Ensley Ave	Bioretention (No Underdrain)	875
109287	Los Angeles	Galaxy Way	Bioretention (No Underdrain)	1,037
109287	Los Angeles	Heath Ave	Bioretention (No Underdrain)	79
109287	Los Angeles	Hillgreen Pl	Bioretention (No Underdrain)	4
109287	Los Angeles	Horner St	Bioretention (No Underdrain)	283
109287	Los Angeles	Motor Ave	Bioretention (No Underdrain)	1,238
109287	Los Angeles	Newman St	Bioretention (No Underdrain)	330
109287	Los Angeles	Peck Dr	Bioretention (No Underdrain)	1,007
109287	Los Angeles	Peerless Pl	Bioretention (No Underdrain)	172
109287	Los Angeles	Peg Pl	Bioretention (No Underdrain)	52
109287	Los Angeles	Roxbury Dr	Bioretention (No Underdrain)	2,793
109287	Los Angeles	S Ave of the Stars	Bioretention (No Underdrain)	2,680
109287	Los Angeles	S Bedford Dr	Bioretention (No Underdrain)	1,173
109287	Los Angeles	S Camden Dr	Bioretention (No Underdrain)	816
109287	Los Angeles	S Castello Ave	Bioretention (No Underdrain)	2,234
109287	Los Angeles	S Roxbury Dr	Bioretention (No Underdrain)	2,841
109287	Los Angeles	Santa Monica Blvd	Bioretention (No Underdrain)	1,638
103275	Los Angeles	Saturn St	Bioretention (No Underdrain)	430
103275	Los Angeles	Vidor Dr	Bioretention (No Underdrain)	922
103275	Los Angeles	W Empyrean Way	Bioretention (No Underdrain)	50

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103275	Los Angeles	W Galaxy Way	Bioretention (No Underdrain)	166
103275	Los Angeles	W Olympic Blvd	Bioretention (No Underdrain)	3,025
103275	Los Angeles	W Pico Blvd	Bioretention (No Underdrain)	3,753
103275	Los Angeles	Wilshire Blvd	Bioretention (No Underdrain)	1,834
103275	Los Angeles	Angelo Dr	Bioretention (No Underdrain)	274
103275	Los Angeles	Baroda Dr	Bioretention (No Underdrain)	684
103275	Los Angeles	Brooklawn Dr	Bioretention (No Underdrain)	345
103275	Los Angeles	Charing Cross Rd	Bioretention (No Underdrain)	788
103275	Los Angeles	Delfern Dr	Bioretention (No Underdrain)	1,722
103275	Los Angeles	Greendale Dr	Bioretention (No Underdrain)	98
103275	Los Angeles	N Angelo Dr	Bioretention (No Underdrain)	274
103275	Los Angeles	N Brooklawn Dr	Bioretention (No Underdrain)	345
103275	Los Angeles	N Faring Rd	Bioretention (No Underdrain)	1,669
103275	Los Angeles	N Mapleton Dr	Bioretention (No Underdrain)	188
103275	Los Angeles	S Mapleton Dr	Bioretention (No Underdrain)	1,423
103275	Los Angeles	(unknown)	Bioretention (No Underdrain)	31
103275	Los Angeles	Angelo Cir	Bioretention (No Underdrain)	213
103275	Los Angeles	Angelo Dr	Bioretention (No Underdrain)	1,435
103275	Los Angeles	Brooklawn Dr	Bioretention (No Underdrain)	474
103275	Los Angeles	Ladera Dr	Bioretention (No Underdrain)	823
103275	Los Angeles	Maybrook Dr	Bioretention (No Underdrain)	87
103275	Los Angeles	Monovale Dr	Bioretention (No Underdrain)	724
103275	Los Angeles	N Angelo Dr	Bioretention (No Underdrain)	1,435
103275	Los Angeles	N Brooklawn Dr	Bioretention (No Underdrain)	474
103275	Los Angeles	N Carolwood Dr	Bioretention (No Underdrain)	2,347
103275	Los Angeles	N Hanover Dr	Bioretention (No Underdrain)	206
101483	Los Angeles	N Maybrook Dr	Bioretention (No Underdrain)	87
101583	Los Angeles	(unknown)	Bioretention (No Underdrain)	252
101583	Los Angeles	Angelo Dr	Bioretention (No Underdrain)	447
101583	Los Angeles	Angelo View Dr	Bioretention (No Underdrain)	154
101583	Los Angeles	Antelope Rd	Bioretention (No Underdrain)	2
101583	Los Angeles	Anthony Pl	Bioretention (No Underdrain)	210
101583	Los Angeles	Arby Dr	Bioretention (No Underdrain)	316
101583	Los Angeles	Baywood Ct	Bioretention (No Underdrain)	42
102383	Los Angeles	Bella Dr	Bioretention (No Underdrain)	38
102383	Los Angeles	Benedict Canon	Bioretention (No Underdrain)	4,654
102383	Los Angeles	Benedict Canyon Dr	Bioretention (No Underdrain)	1,532
102583	Los Angeles	Beverly Estate Dr	Bioretention (No Underdrain)	99
102583	Los Angeles	Beverly Estates Dr	Bioretention (No Underdrain)	56
102583	Los Angeles	Beverly Estates Ter	Bioretention (No Underdrain)	15
102583	Los Angeles	Beverly View Dr	Bioretention (No Underdrain)	218
102583	Los Angeles	Blantyre Dr	Bioretention (No Underdrain)	598
102583	Los Angeles	Cardigan Pl	Bioretention (No Underdrain)	17
102583	Los Angeles	Cielo Dr	Bioretention (No Underdrain)	288
102583	Los Angeles	de Camp Dr	Bioretention (No Underdrain)	118
102583	Los Angeles	Decamp Dr	Bioretention (No Underdrain)	118
102583	Los Angeles	Deep Canyon Dr	Bioretention (No Underdrain)	206
102583	Los Angeles	Deep Canyon Pl	Bioretention (No Underdrain)	40
102583	Los Angeles	Delresto Dr	Bioretention (No Underdrain)	2
102583	Los Angeles	Drake Ln	Bioretention (No Underdrain)	114
102583	Los Angeles	Easton Dr	Bioretention (No Underdrain)	53
102583	Los Angeles	Ellison Dr	Bioretention (No Underdrain)	185
102583	Los Angeles	Eventide Pl	Bioretention (No Underdrain)	134
102583	Los Angeles	Firth Dr	Bioretention (No Underdrain)	70
102583	Los Angeles	Gloucester Dr	Bioretention (No Underdrain)	30

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102583	Los Angeles	Hensal Rd	Bioretention (No Underdrain)	10
102583	Los Angeles	Hilary Ln	Bioretention (No Underdrain)	158
102583	Los Angeles	Hillgrove Dr	Bioretention (No Underdrain)	804
102583	Los Angeles	Hillgrove Pl	Bioretention (No Underdrain)	66
102583	Los Angeles	Hutton Dr	Bioretention (No Underdrain)	3,081
102583	Los Angeles	Hutton Pl	Bioretention (No Underdrain)	147
102883	Los Angeles	Java Dr	Bioretention (No Underdrain)	40
102883	Los Angeles	Kirkland Dr	Bioretention (No Underdrain)	171
102883	Los Angeles	Lancer Ct	Bioretention (No Underdrain)	27
102883	Los Angeles	Lawrence Ln	Bioretention (No Underdrain)	281
102883	Los Angeles	Liebe Dr	Bioretention (No Underdrain)	242
102883	Los Angeles	Mark Pl	Bioretention (No Underdrain)	3
102883	Los Angeles	Maybrook Dr	Bioretention (No Underdrain)	2,349
102883	Los Angeles	Mossy Rock Cir	Bioretention (No Underdrain)	14
102883	Los Angeles	N Angelo Dr	Bioretention (No Underdrain)	447
102883	Los Angeles	N Bella Dr	Bioretention (No Underdrain)	38
102883	Los Angeles	N Benedict Canon Dr	Bioretention (No Underdrain)	255
102883	Los Angeles	N Benedict Canyon Dr	Bioretention (No Underdrain)	5,879
102883	Los Angeles	N Beverly Estate Dr	Bioretention (No Underdrain)	99
102883	Los Angeles	N Deep Canyon Dr	Bioretention (No Underdrain)	206
102883	Los Angeles	N Deep Canyon Pl	Bioretention (No Underdrain)	40
102883	Los Angeles	N Delresto Dr	Bioretention (No Underdrain)	2
102883	Los Angeles	N Eventide Pl	Bioretention (No Underdrain)	134
102883	Los Angeles	N Hilary Ln	Bioretention (No Underdrain)	158
102883	Los Angeles	N Hutton Dr	Bioretention (No Underdrain)	3,062
102883	Los Angeles	N Maybrook Dr	Bioretention (No Underdrain)	2,247
102883	Los Angeles	N Shadybrook Dr	Bioretention (No Underdrain)	331
102883	Los Angeles	N Sundial Ln	Bioretention (No Underdrain)	239
102883	Los Angeles	N Trudy Dr	Bioretention (No Underdrain)	26
102883	Los Angeles	N Wallingford Dr	Bioretention (No Underdrain)	290
102883	Los Angeles	Oak Pass Rd	Bioretention (No Underdrain)	331
102883	Los Angeles	Philbert Dr	Bioretention (No Underdrain)	9
102883	Los Angeles	Portola Dr	Bioretention (No Underdrain)	47
102883	Los Angeles	Rimmele Dr	Bioretention (No Underdrain)	15
102883	Los Angeles	Shadybrook Dr	Bioretention (No Underdrain)	1,217
102883	Los Angeles	Stowell Ln	Bioretention (No Underdrain)	3
102883	Los Angeles	Sundial Ln	Bioretention (No Underdrain)	239
102883	Los Angeles	Trudy Dr	Bioretention (No Underdrain)	26
102883	Los Angeles	W Antelope Rd	Bioretention (No Underdrain)	38
102883	Los Angeles	W Cardigan Pl	Bioretention (No Underdrain)	17
102883	Los Angeles	W Cielo Dr	Bioretention (No Underdrain)	241
102883	Los Angeles	W Gloucester Dr	Bioretention (No Underdrain)	30
102883	Los Angeles	W Hillgrove Dr	Bioretention (No Underdrain)	311
102883	Los Angeles	W Liebe Dr	Bioretention (No Underdrain)	242
102883	Los Angeles	W Stowell Ln	Bioretention (No Underdrain)	3
102883	Los Angeles	W Wendover Dr	Bioretention (No Underdrain)	8
102883	Los Angeles	W Westwanda Dr	Bioretention (No Underdrain)	331
102883	Los Angeles	Wallingford Dr	Bioretention (No Underdrain)	290
102883	Los Angeles	Wanda Park Dr	Bioretention (No Underdrain)	54
102883	Los Angeles	Wendover Dr	Bioretention (No Underdrain)	8
102883	Los Angeles	Westwanda Dr	Bioretention (No Underdrain)	331
102883	Los Angeles	Yoakum Dr	Bioretention (No Underdrain)	375
102883	Los Angeles	Beth Pl	Bioretention (No Underdrain)	26
102883	Los Angeles	Beverly Grove Dr	Bioretention (No Underdrain)	185
102883	Los Angeles	Curwood Pl	Bioretention (No Underdrain)	119

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102883	Los Angeles	Ferrari Dr	Bioretention (No Underdrain)	220
102883	Los Angeles	Glenside Pl	Bioretention (No Underdrain)	21
102883	Los Angeles	High Ridge Dr	Bioretention (No Underdrain)	607
102883	Los Angeles	High Ridge Pl	Bioretention (No Underdrain)	18
102883	Los Angeles	Highridge Dr	Bioretention (No Underdrain)	607
103083	Los Angeles	Highridge Pl	Bioretention (No Underdrain)	18
103083	Los Angeles	Millboro Pl	Bioretention (No Underdrain)	184
103083	Los Angeles	N Tower Grove Ln	Bioretention (No Underdrain)	81
103083	Los Angeles	Peavine Dr	Bioretention (No Underdrain)	52
103083	Los Angeles	San Cir	Bioretention (No Underdrain)	160
103083	Los Angeles	San Ysidro Dr	Bioretention (No Underdrain)	4,409
103083	Los Angeles	Shangri la Dr	Bioretention (No Underdrain)	16
103083	Los Angeles	Stan Pl	Bioretention (No Underdrain)	76
103083	Los Angeles	Summit Dr	Bioretention (No Underdrain)	78
103083	Los Angeles	Summitridge Dr	Bioretention (No Underdrain)	131
103083	Los Angeles	Tower Grove Dr	Bioretention (No Underdrain)	1,045
103083	Los Angeles	Tower Rd	Bioretention (No Underdrain)	25
103083	Los Angeles	W Beverly Grove Dr	Bioretention (No Underdrain)	185
103083	Los Angeles	Altridge Dr	Bioretention (No Underdrain)	9
103083	Los Angeles	Blueridge Dr	Bioretention (No Underdrain)	40
103083	Los Angeles	Dawn Ridge Dr	Bioretention (No Underdrain)	13
103083	Los Angeles	Dawnridge Dr	Bioretention (No Underdrain)	13
103083	Los Angeles	Beverly Park Dr	Bioretention (No Underdrain)	20
103083	Los Angeles	Beverly Park St	Bioretention (No Underdrain)	2
103083	Los Angeles	Beverly Pl	Bioretention (No Underdrain)	50
103083	Los Angeles	Desford Dr	Bioretention (No Underdrain)	79
103083	Los Angeles	Donhill Dr	Bioretention (No Underdrain)	165
103083	Los Angeles	Franklin Canyon Dr	Bioretention (No Underdrain)	91
103083	Los Angeles	High Ridge Dr	Bioretention (No Underdrain)	13
103083	Los Angeles	Highland Gorge Dr	Bioretention (No Underdrain)	28
103083	Los Angeles	Highland Gorge Trl	Bioretention (No Underdrain)	28
103083	Los Angeles	Highridge Dr	Bioretention (No Underdrain)	13
103083	Los Angeles	Hillcrest Dr	Bioretention (No Underdrain)	17
103083	Los Angeles	Lake Franklin Dr	Bioretention (No Underdrain)	12
103083	Los Angeles	Laurel Way	Bioretention (No Underdrain)	51
103083	Los Angeles	N Beverly Dr	Bioretention (No Underdrain)	3,727
103083	Los Angeles	N Franklin Canyon Dr	Bioretention (No Underdrain)	91
103083	Los Angeles	Robmar Dr	Bioretention (No Underdrain)	26
103083	Los Angeles	Summitridge Dr	Bioretention (No Underdrain)	314
103083	Los Angeles	Sutton Way	Bioretention (No Underdrain)	53
103083	Los Angeles	W Lake Franklin Dr	Bioretention (No Underdrain)	55
103083	Los Angeles	W Monte Vista Way	Bioretention (No Underdrain)	30
103083	Los Angeles	(unknown)	Bioretention (No Underdrain)	1
103083	Los Angeles	Alto Cedro Dr	Bioretention (No Underdrain)	110
103083	Los Angeles	Arrowood Dr	Bioretention (No Underdrain)	57
103083	Los Angeles	Bowmont Dr	Bioretention (No Underdrain)	482
103083	Los Angeles	Calle Juela Dr	Bioretention (No Underdrain)	29
103083	Los Angeles	Cedarbrook Dr	Bioretention (No Underdrain)	130
103083	Los Angeles	Eden Dr	Bioretention (No Underdrain)	45
103083	Los Angeles	Eden Pl	Bioretention (No Underdrain)	20
103083	Los Angeles	el Roble Ln	Bioretention (No Underdrain)	28
103083	Los Angeles	Gloaming Dr	Bioretention (No Underdrain)	180
103083	Los Angeles	Hazen Dr	Bioretention (No Underdrain)	816
103083	Los Angeles	Heather Rd	Bioretention (No Underdrain)	303
103083	Los Angeles	Kimridge Rd	Bioretention (No Underdrain)	560

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103083	Los Angeles	Leander Pl	Bioretention (No Underdrain)	153
103083	Los Angeles	Lindacrest Dr	Bioretention (No Underdrain)	330
103083	Los Angeles	Lloydcrest Dr	Bioretention (No Underdrain)	113
103083	Los Angeles	Loma Vista Dr	Bioretention (No Underdrain)	56
103083	Los Angeles	N Bowmont Dr	Bioretention (No Underdrain)	331
103083	Los Angeles	Noel Pl	Bioretention (No Underdrain)	107
103083	Los Angeles	Tullis Dr	Bioretention (No Underdrain)	180
103083	Los Angeles	W Alto Cedro Dr	Bioretention (No Underdrain)	21
103083	Los Angeles	W Cherokee Ln	Bioretention (No Underdrain)	18
103083	Los Angeles	W Hazen Dr	Bioretention (No Underdrain)	784
103083	Los Angeles	Franklin Canyon Dr	Bioretention (No Underdrain)	339
103283	Los Angeles	Hidden Valley Pl	Bioretention (No Underdrain)	15
103283	Los Angeles	Lake Dr	Bioretention (No Underdrain)	420
103283	Los Angeles	Mulholland Dr	Bioretention (No Underdrain)	21
103283	Los Angeles	(unknown)	Bioretention (No Underdrain)	870
103283	Los Angeles	10th Ave	Bioretention (No Underdrain)	927
103283	Los Angeles	11th Ave	Bioretention (No Underdrain)	733
103283	Los Angeles	12th Ave	Bioretention (No Underdrain)	710
103283	Los Angeles	13th Ave	Bioretention (No Underdrain)	560
103783	Los Angeles	7th Ave	Bioretention (No Underdrain)	1,568
103783	Los Angeles	8th Ave	Bioretention (No Underdrain)	1,585
104083	Los Angeles	9th Ave	Bioretention (No Underdrain)	1,577
105883	Los Angeles	Adams Blvd	Bioretention (No Underdrain)	0
105883	Los Angeles	Alsace Ave	Bioretention (No Underdrain)	4,801
106083	Los Angeles	Bangor St	Bioretention (No Underdrain)	2,254
106083	Los Angeles	Blackwelder St	Bioretention (No Underdrain)	3,607
106083	Los Angeles	Boden St	Bioretention (No Underdrain)	1,912
106783	Los Angeles	Buckingham Rd	Bioretention (No Underdrain)	3,255
106783	Los Angeles	Carlin St	Bioretention (No Underdrain)	2,287
106783	Los Angeles	Carmona Ave	Bioretention (No Underdrain)	2,938
106783	Los Angeles	Chesapeake Ave	Bioretention (No Underdrain)	1,391
106783	Los Angeles	Claudina Ave	Bioretention (No Underdrain)	922
106783	Los Angeles	Clyde Ave	Bioretention (No Underdrain)	3,298
106783	Los Angeles	Crenshaw Blvd	Bioretention (No Underdrain)	1,245
106783	Los Angeles	Duray Pl	Bioretention (No Underdrain)	1,389
106783	Los Angeles	Edgehill Dr	Bioretention (No Underdrain)	17
106783	Los Angeles	Fairfax Ave	Bioretention (No Underdrain)	1,487
106783	Los Angeles	Farmdale Ave	Bioretention (No Underdrain)	1,253
106783	Los Angeles	Ferndale St	Bioretention (No Underdrain)	2,686
106783	Los Angeles	Field Ave	Bioretention (No Underdrain)	1,216
106783	Los Angeles	Fir St	Bioretention (No Underdrain)	423
106783	Los Angeles	Geer St	Bioretention (No Underdrain)	2,110
106783	Los Angeles	Glennie Ln	Bioretention (No Underdrain)	320
106783	Los Angeles	Hauser Blvd	Bioretention (No Underdrain)	4,574
106783	Los Angeles	Hickory St	Bioretention (No Underdrain)	1,280
106783	Los Angeles	Highland Dr	Bioretention (No Underdrain)	1,115
106783	Los Angeles	Hillcrest Dr	Bioretention (No Underdrain)	4,505
106783	Los Angeles	Homeside Ave	Bioretention (No Underdrain)	2,246
106783	Los Angeles	la Brea Ave	Bioretention (No Underdrain)	4,488
106783	Los Angeles	la Cienega Pl	Bioretention (No Underdrain)	694
106783	Los Angeles	Lucerne Ave	Bioretention (No Underdrain)	1,040
106783	Los Angeles	Montclair St	Bioretention (No Underdrain)	1,103
106783	Los Angeles	Potomac Ave	Bioretention (No Underdrain)	1,328
106783	Los Angeles	Roseland St	Bioretention (No Underdrain)	2,441
106783	Los Angeles	S Bronson Ave	Bioretention (No Underdrain)	760

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
106783	Los Angeles	S Buckingham Rd	Bioretention (No Underdrain)	57
106783	Los Angeles	S Burnside Ave	Bioretention (No Underdrain)	3,444
106783	Los Angeles	S Cloverdale Ave	Bioretention (No Underdrain)	4,931
106783	Los Angeles	S Cochran Ave	Bioretention (No Underdrain)	4,959
106783	Los Angeles	S Curson Ave	Bioretention (No Underdrain)	1,841
106783	Los Angeles	S Dunsmuir Ave	Bioretention (No Underdrain)	3,590
106783	Los Angeles	S Fairfax Ave	Bioretention (No Underdrain)	64
106783	Los Angeles	S Genesee Ave	Bioretention (No Underdrain)	2,282
106783	Los Angeles	S Harcourt Ave	Bioretention (No Underdrain)	5,537
106783	Los Angeles	S Highland Ave	Bioretention (No Underdrain)	1,243
106783	Los Angeles	S Highland Dr	Bioretention (No Underdrain)	466
106783	Los Angeles	S la Brea Ave	Bioretention (No Underdrain)	4,598
106783	Los Angeles	S la Cienega Blvd	Bioretention (No Underdrain)	1,188
106783	Los Angeles	S Longwood Ave	Bioretention (No Underdrain)	2,878
106783	Los Angeles	S Lucerne Ave	Bioretention (No Underdrain)	46
106783	Los Angeles	S Mansfield Ave	Bioretention (No Underdrain)	3,815
106783	Los Angeles	S Marvin Ave	Bioretention (No Underdrain)	1,616
106783	Los Angeles	S Orange Dr	Bioretention (No Underdrain)	5,339
106783	Los Angeles	S Palm Grove Ave	Bioretention (No Underdrain)	5,214
106783	Los Angeles	S Redondo Blvd	Bioretention (No Underdrain)	5,555
106783	Los Angeles	S Ridgeley Dr	Bioretention (No Underdrain)	3,112
106783	Los Angeles	S Rimpau Blvd	Bioretention (No Underdrain)	5,296
106783	Los Angeles	S Spaulding Ave	Bioretention (No Underdrain)	1,923
106783	Los Angeles	S Sycamore Ave	Bioretention (No Underdrain)	4,798
106783	Los Angeles	S Victoria Ave	Bioretention (No Underdrain)	3,081
106783	Los Angeles	S West Blvd	Bioretention (No Underdrain)	435
106783	Los Angeles	S West View St	Bioretention (No Underdrain)	747
106783	Los Angeles	Smiley Dr	Bioretention (No Underdrain)	3,398
106783	Los Angeles	Somerset Dr	Bioretention (No Underdrain)	843
106783	Los Angeles	South Virginia Rd	Bioretention (No Underdrain)	24
106783	Los Angeles	Spokane St	Bioretention (No Underdrain)	1,052
106783	Los Angeles	Thurman Ave	Bioretention (No Underdrain)	2,246
106783	Los Angeles	Vineyard Ave	Bioretention (No Underdrain)	5,868
106783	Los Angeles	Virginia Rd	Bioretention (No Underdrain)	3,222
106983	Los Angeles	W 20th St	Bioretention (No Underdrain)	3,086
108083	Los Angeles	W 21st St	Bioretention (No Underdrain)	4,968
108083	Los Angeles	W 23rd St	Bioretention (No Underdrain)	3,968
108083	Los Angeles	W 25th St	Bioretention (No Underdrain)	3,023
108083	Los Angeles	W 28th St	Bioretention (No Underdrain)	3,835
108083	Los Angeles	W 29th St	Bioretention (No Underdrain)	1,482
108083	Los Angeles	W 30th St	Bioretention (No Underdrain)	1,856
108083	Los Angeles	W Adams Blvd	Bioretention (No Underdrain)	13,101
108083	Los Angeles	W Jefferson Blvd	Bioretention (No Underdrain)	3,984
108083	Los Angeles	W View St	Bioretention (No Underdrain)	5,048
108083	Los Angeles	W View St S	Bioretention (No Underdrain)	559
108083	Los Angeles	W Washington Blvd	Bioretention (No Underdrain)	536
108183	Los Angeles	Washington Blvd	Bioretention (No Underdrain)	1
108883	Los Angeles	Wellington Rd	Bioretention (No Underdrain)	3,140
117583	Los Angeles	West Blvd	Bioretention (No Underdrain)	4,601
117583	Los Angeles	Westhaven St	Bioretention (No Underdrain)	4,927
117583	Los Angeles	(unknown)	Bioretention (No Underdrain)	87
117583	Los Angeles	Bagley Ave	Bioretention (No Underdrain)	3,924
117583	Los Angeles	Beverlywood St	Bioretention (No Underdrain)	555
117583	Los Angeles	Cardiff Ave	Bioretention (No Underdrain)	1,621
117583	Los Angeles	Cattaraugus Ave	Bioretention (No Underdrain)	2,618

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
117583	Los Angeles	David Ave	Bioretention (No Underdrain)	500
117583	Los Angeles	Ellis Ave	Bioretention (No Underdrain)	279
117583	Los Angeles	Exposition Blvd	Bioretention (No Underdrain)	232
108887	Los Angeles	Exposition Boulevard S R	Bioretention (No Underdrain)	85
108887	Los Angeles	Exposition Dr	Bioretention (No Underdrain)	39
108887	Los Angeles	Gibson St	Bioretention (No Underdrain)	962
108887	Los Angeles	Guthrie Cir	Bioretention (No Underdrain)	779
108887	Los Angeles	Guthrie Ct	Bioretention (No Underdrain)	282
108887	Los Angeles	Guthrie Dr	Bioretention (No Underdrain)	860
108887	Los Angeles	Hargis St	Bioretention (No Underdrain)	1,997
108887	Los Angeles	Helms Pl	Bioretention (No Underdrain)	30
108887	Los Angeles	Hillsboro Dr	Bioretention (No Underdrain)	5
108887	Los Angeles	Hoke Ave	Bioretention (No Underdrain)	62
108887	Los Angeles	Kincardine Ave	Bioretention (No Underdrain)	2,386
108887	Los Angeles	Kramerwood Pl	Bioretention (No Underdrain)	542
108887	Los Angeles	Livonia Ave	Bioretention (No Underdrain)	1,340
108887	Los Angeles	National Blvd	Bioretention (No Underdrain)	1,936
108887	Los Angeles	Oakhurst Ave	Bioretention (No Underdrain)	1,784
108887	Los Angeles	Olin St	Bioretention (No Underdrain)	971
108887	Los Angeles	Robertson Pl	Bioretention (No Underdrain)	626
108887	Los Angeles	S Beverly Dr	Bioretention (No Underdrain)	2,011
108887	Los Angeles	S Canfield Ave	Bioretention (No Underdrain)	4,604
108887	Los Angeles	S Durango Ave	Bioretention (No Underdrain)	1,402
108887	Los Angeles	S Robertson Blvd	Bioretention (No Underdrain)	2,485
108887	Los Angeles	W 24th St	Bioretention (No Underdrain)	15
108887	Los Angeles	Willat Ave	Bioretention (No Underdrain)	10
108887	Los Angeles	(unknown)	Bioretention (No Underdrain)	261
108887	Los Angeles	Alsace Ave	Bioretention (No Underdrain)	20
108887	Los Angeles	Apple St	Bioretention (No Underdrain)	18
108887	Los Angeles	Bangor St	Bioretention (No Underdrain)	591
108887	Los Angeles	Carmona Ave	Bioretention (No Underdrain)	1,191
108887	Los Angeles	Clyde Ave	Bioretention (No Underdrain)	1,468
108887	Los Angeles	Cochran Pl	Bioretention (No Underdrain)	266
108887	Los Angeles	Cologne St	Bioretention (No Underdrain)	58
109087	Los Angeles	Hauser Blvd	Bioretention (No Underdrain)	1,645
109087	Los Angeles	la Brea Ave	Bioretention (No Underdrain)	116
109087	Los Angeles	S Burnside Ave	Bioretention (No Underdrain)	836
109087	Los Angeles	S Cloverdale Ave	Bioretention (No Underdrain)	256
109087	Los Angeles	S Cochran Ave	Bioretention (No Underdrain)	304
109087	Los Angeles	S Curson Ave	Bioretention (No Underdrain)	1,410
109087	Los Angeles	S Dunsmuir Ave	Bioretention (No Underdrain)	201
109087	Los Angeles	S Fairfax Ave	Bioretention (No Underdrain)	129
109087	Los Angeles	S Glennie Ln	Bioretention (No Underdrain)	231
109087	Los Angeles	S Highland Ave	Bioretention (No Underdrain)	66
109087	Los Angeles	S Highland Dr	Bioretention (No Underdrain)	128
109087	Los Angeles	S la Brea Ave	Bioretention (No Underdrain)	116
109087	Los Angeles	S Longwood Ave	Bioretention (No Underdrain)	144
109087	Los Angeles	S Mansfield Ave	Bioretention (No Underdrain)	55
109087	Los Angeles	S Marvin Ave	Bioretention (No Underdrain)	1,281
109087	Los Angeles	S Orange Dr	Bioretention (No Underdrain)	165
109087	Los Angeles	S Redondo Blvd	Bioretention (No Underdrain)	616
109087	Los Angeles	S Ridgeley Dr	Bioretention (No Underdrain)	1,001
109087	Los Angeles	S Sycamore Ave	Bioretention (No Underdrain)	31
109087	Los Angeles	Thurman Ave	Bioretention (No Underdrain)	1,402
109087	Los Angeles	Venice Blvd	Bioretention (No Underdrain)	37

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Los Angeles	W View St	Bioretention (No Underdrain)	147
109187	Los Angeles	W Washington Blvd	Bioretention (No Underdrain)	6,833
109187	Los Angeles	(unknown)	Bioretention (No Underdrain)	1,692
109187	Los Angeles	10th Ave	Bioretention (No Underdrain)	3,587
109187	Los Angeles	11th Ave	Bioretention (No Underdrain)	6,845
109187	Los Angeles	7th Ave	Bioretention (No Underdrain)	6
109187	Los Angeles	8th Ave	Bioretention (No Underdrain)	1,806
109187	Los Angeles	9th Ave	Bioretention (No Underdrain)	2,784
109187	Los Angeles	Abourne Rd	Bioretention (No Underdrain)	1,010
109187	Los Angeles	Aladdin St	Bioretention (No Underdrain)	952
109187	Los Angeles	Alsace Ave	Bioretention (No Underdrain)	921
109187	Los Angeles	Angeles Vista Blvd	Bioretention (No Underdrain)	44
109187	Los Angeles	August St	Bioretention (No Underdrain)	2,373
109187	Los Angeles	Bowcroft St	Bioretention (No Underdrain)	1,464
109187	Los Angeles	Bowesfield St	Bioretention (No Underdrain)	1,625
109187	Los Angeles	Brushton St	Bioretention (No Underdrain)	1,382
109187	Los Angeles	Brynhurst Ave	Bioretention (No Underdrain)	1,414
109187	Los Angeles	Buckingham Rd	Bioretention (No Underdrain)	2,598
109187	Los Angeles	Carmona Ave	Bioretention (No Underdrain)	2,194
109187	Los Angeles	Cherrywood Ave	Bioretention (No Underdrain)	229
109187	Los Angeles	Chesley Ave	Bioretention (No Underdrain)	1,210
109187	Los Angeles	Clemson St	Bioretention (No Underdrain)	1,813
109187	Los Angeles	Clyde Ave	Bioretention (No Underdrain)	1,829
109187	Los Angeles	Coco Ave	Bioretention (No Underdrain)	1,759
109187	Los Angeles	Coliseum St	Bioretention (No Underdrain)	8,435
109187	Los Angeles	Corbet St	Bioretention (No Underdrain)	1,649
109187	Los Angeles	Corbett St	Bioretention (No Underdrain)	1,649
109187	Los Angeles	Creed Ave	Bioretention (No Underdrain)	1,176
109187	Los Angeles	Crenshaw Blvd	Bioretention (No Underdrain)	7,762
109187	Los Angeles	Degnan Blvd	Bioretention (No Underdrain)	2,681
109187	Los Angeles	Don Alanis Pl	Bioretention (No Underdrain)	117
109187	Los Angeles	Don Alberto Pl	Bioretention (No Underdrain)	141
109187	Los Angeles	Don Alegre Pl	Bioretention (No Underdrain)	222
109187	Los Angeles	Don Arellanes Dr	Bioretention (No Underdrain)	362
109187	Los Angeles	Don Arturo Pl	Bioretention (No Underdrain)	221
109187	Los Angeles	Don Carlos Dr	Bioretention (No Underdrain)	959
109187	Los Angeles	Don Cota Pl	Bioretention (No Underdrain)	116
109187	Los Angeles	Don Diablo Dr	Bioretention (No Underdrain)	505
109187	Los Angeles	Don Diego Dr	Bioretention (No Underdrain)	840
109187	Los Angeles	Don Felipe Dr	Bioretention (No Underdrain)	4,418
109187	Los Angeles	Don Ibarra Pl	Bioretention (No Underdrain)	167
109187	Los Angeles	Don Jose Dr	Bioretention (No Underdrain)	990
109187	Los Angeles	Don Lorenzo Dr	Bioretention (No Underdrain)	757
109187	Los Angeles	Don Luis Dr	Bioretention (No Underdrain)	1,964
109187	Los Angeles	Don Mariano Dr	Bioretention (No Underdrain)	885
109187	Los Angeles	Don Miguel Dr	Bioretention (No Underdrain)	2,860
109187	Los Angeles	Don Milagro Dr	Bioretention (No Underdrain)	1,373
109187	Los Angeles	Don Ortega Pl	Bioretention (No Underdrain)	374
109187	Los Angeles	Don Pablo Pl	Bioretention (No Underdrain)	253
109187	Los Angeles	Don Porfirio Pl	Bioretention (No Underdrain)	405
109187	Los Angeles	Don Quixote Dr	Bioretention (No Underdrain)	457
109187	Los Angeles	Don Ricardo Dr	Bioretention (No Underdrain)	4
109187	Los Angeles	Don Rodolfo Pl	Bioretention (No Underdrain)	278
109187	Los Angeles	Don Timoteo Dr	Bioretention (No Underdrain)	694
109187	Los Angeles	Don Tomaso Dr	Bioretention (No Underdrain)	2,401

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Los Angeles	Don Tonito Dr	Bioretention (No Underdrain)	594
109187	Los Angeles	Don Valdes Dr	Bioretention (No Underdrain)	1,093
109187	Los Angeles	Don Zarembo Dr	Bioretention (No Underdrain)	1,892
109187	Los Angeles	Duray Pl	Bioretention (No Underdrain)	507
109187	Los Angeles	Edgehill Dr	Bioretention (No Underdrain)	1,479
109187	Los Angeles	el Mirador Dr	Bioretention (No Underdrain)	293
109187	Los Angeles	Enville Pl	Bioretention (No Underdrain)	371
109187	Los Angeles	Fallsgrove St	Bioretention (No Underdrain)	1,181
109187	Los Angeles	Garthwaite Ave	Bioretention (No Underdrain)	1,130
109187	Los Angeles	Gelber Pl	Bioretention (No Underdrain)	645
109187	Los Angeles	Gibraltar Ave	Bioretention (No Underdrain)	892
109187	Los Angeles	Glenford St	Bioretention (No Underdrain)	248
109187	Los Angeles	Hauser Blvd	Bioretention (No Underdrain)	1,376
109187	Los Angeles	Highlight Pl	Bioretention (No Underdrain)	616
109187	Los Angeles	Hillcrest Dr	Bioretention (No Underdrain)	4,400
109187	Los Angeles	Homeland Dr	Bioretention (No Underdrain)	180
109187	Los Angeles	Hubert Ave	Bioretention (No Underdrain)	209
109187	Los Angeles	Hubert Walk	Bioretention (No Underdrain)	252
109187	Los Angeles	Kalsman Dr	Bioretention (No Underdrain)	50
109187	Los Angeles	la Brea Ave	Bioretention (No Underdrain)	5,997
109187	Los Angeles	Leimert Blvd	Bioretention (No Underdrain)	2,701
109187	Los Angeles	Lenawee Ave	Bioretention (No Underdrain)	929
109187	Los Angeles	Linscott Pl	Bioretention (No Underdrain)	59
109187	Los Angeles	Lockland Dr	Bioretention (No Underdrain)	859
109187	Los Angeles	Lockland Pl	Bioretention (No Underdrain)	192
109187	Los Angeles	Mantova Dr	Bioretention (No Underdrain)	938
109187	Los Angeles	Marlton Ave	Bioretention (No Underdrain)	2,480
109187	Los Angeles	Martin Luther King Jr Blvd	Bioretention (No Underdrain)	11,937
109187	Los Angeles	Mc Clung Dr	Bioretention (No Underdrain)	2,119
109187	Los Angeles	McClung Dr	Bioretention (No Underdrain)	2,119
109187	Los Angeles	Nicolet Ave	Bioretention (No Underdrain)	2,540
109187	Los Angeles	Olmsted Ave	Bioretention (No Underdrain)	193
109187	Los Angeles	Orange Pl	Bioretention (No Underdrain)	740
109187	Los Angeles	Padilla Pl	Bioretention (No Underdrain)	133
109287	Los Angeles	Palmwood Dr	Bioretention (No Underdrain)	773
109287	Los Angeles	Palmyra Rd	Bioretention (No Underdrain)	915
109287	Los Angeles	Pinafore St	Bioretention (No Underdrain)	2,355
109287	Los Angeles	Potomac Ave	Bioretention (No Underdrain)	1,414
109287	Los Angeles	Punta Alta Dr	Bioretention (No Underdrain)	1,235
109287	Los Angeles	Rodeo Dr	Bioretention (No Underdrain)	4
109287	Los Angeles	Rodeo Rd	Bioretention (No Underdrain)	6,857
109287	Los Angeles	Roxanne Ave	Bioretention (No Underdrain)	532
109287	Los Angeles	S 10th Ave	Bioretention (No Underdrain)	30
109287	Los Angeles	S Bronson Ave	Bioretention (No Underdrain)	1,527
109287	Los Angeles	S Buckingham Rd	Bioretention (No Underdrain)	60
109287	Los Angeles	S Burnside Ave	Bioretention (No Underdrain)	1,252
109287	Los Angeles	S Cloverdale Ave	Bioretention (No Underdrain)	3,677
109287	Los Angeles	S Cochran Ave	Bioretention (No Underdrain)	1,433
109287	Los Angeles	S Crenshaw Blvd	Bioretention (No Underdrain)	12,196
109287	Los Angeles	S Degnan Blvd	Bioretention (No Underdrain)	1,794
109287	Los Angeles	S Dunsmuir Ave	Bioretention (No Underdrain)	546
109287	Los Angeles	S Edgehill Dr	Bioretention (No Underdrain)	19
109287	Los Angeles	S Genesee Ave	Bioretention (No Underdrain)	1,196
109287	Los Angeles	S la Brea Ave	Bioretention (No Underdrain)	10,889
109287	Los Angeles	S la Cienega Blvd	Bioretention (No Underdrain)	4,803

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109287	Los Angeles	S Leimert Blvd	Bioretention (No Underdrain)	1,910
109287	Los Angeles	S Muirfield Rd	Bioretention (No Underdrain)	2,068
109287	Los Angeles	S Norton Ave	Bioretention (No Underdrain)	1,499
109287	Los Angeles	S Orange Dr	Bioretention (No Underdrain)	1,764
109287	Los Angeles	S Redondo Blvd	Bioretention (No Underdrain)	1,267
109287	Los Angeles	S Ridgeley Dr	Bioretention (No Underdrain)	1,536
109287	Los Angeles	S Sycamore Ave	Bioretention (No Underdrain)	2,647
109287	Los Angeles	S Victoria Ave	Bioretention (No Underdrain)	1,526
109287	Los Angeles	Sanchez Dr	Bioretention (No Underdrain)	1,725
109287	Los Angeles	Santa Rosalia Dr	Bioretention (No Underdrain)	5,076
109287	Los Angeles	Santo Tomas Dr	Bioretention (No Underdrain)	2,999
103275	Los Angeles	Somerset Dr	Bioretention (No Underdrain)	1,263
103275	Los Angeles	Stevely Ave	Bioretention (No Underdrain)	1,904
103275	Los Angeles	Stillwater Dr	Bioretention (No Underdrain)	87
103275	Los Angeles	Stocker St	Bioretention (No Underdrain)	3,267
103275	Los Angeles	Sunlight Pl	Bioretention (No Underdrain)	2,018
103275	Los Angeles	Tacana St	Bioretention (No Underdrain)	501
103275	Los Angeles	Terraza Dr	Bioretention (No Underdrain)	845
103275	Los Angeles	Ursula Ave	Bioretention (No Underdrain)	1,342
103275	Los Angeles	Veronica St	Bioretention (No Underdrain)	731
103275	Los Angeles	Village Green	Bioretention (No Underdrain)	102
103275	Los Angeles	Virginia Rd	Bioretention (No Underdrain)	338
103275	Los Angeles	W 41st St	Bioretention (No Underdrain)	1,373
103275	Los Angeles	W 43rd Pl	Bioretention (No Underdrain)	2,022
103275	Los Angeles	W 43rd St	Bioretention (No Underdrain)	1,425
103275	Los Angeles	W 46th St	Bioretention (No Underdrain)	1,400
103275	Los Angeles	W 48th St	Bioretention (No Underdrain)	1,664
103275	Los Angeles	W 50th St	Bioretention (No Underdrain)	1,859
103275	Los Angeles	W 52nd St	Bioretention (No Underdrain)	3,415
103275	Los Angeles	W 54th St	Bioretention (No Underdrain)	3,119
103275	Los Angeles	W 57th St	Bioretention (No Underdrain)	458
103275	Los Angeles	W Don Lorenzo Dr	Bioretention (No Underdrain)	104
103275	Los Angeles	W Don Quixote Dr	Bioretention (No Underdrain)	29
103275	Los Angeles	W Don Tapia Pl	Bioretention (No Underdrain)	72
103275	Los Angeles	W Jefferson Blvd	Bioretention (No Underdrain)	251
103275	Los Angeles	W Martin Luther King	Bioretention (No Underdrain)	1,200
103275	Los Angeles	W Martin Luther King Jr Blvd	Bioretention (No Underdrain)	11,937
103275	Los Angeles	W Rodeo Rd	Bioretention (No Underdrain)	454
103275	Los Angeles	W Stocker St	Bioretention (No Underdrain)	2,218
103275	Los Angeles	W Vernon Ave	Bioretention (No Underdrain)	2,007
101483	Los Angeles	Weatherford Dr	Bioretention (No Underdrain)	388
101583	Los Angeles	Wellington Rd	Bioretention (No Underdrain)	252
101583	Los Angeles	Wenlock St	Bioretention (No Underdrain)	692
101583	Los Angeles	West Blvd	Bioretention (No Underdrain)	2,914
101583	Los Angeles	Westmount Ave	Bioretention (No Underdrain)	179
101583	Los Angeles	(unknown)	Bioretention (No Underdrain)	89
101583	Los Angeles	Bowcroft St	Bioretention (No Underdrain)	953
101583	Los Angeles	Holdrege Ave	Bioretention (No Underdrain)	730
102383	Los Angeles	Lenawee Ave	Bioretention (No Underdrain)	318
102383	Los Angeles	Rodeo Dr	Bioretention (No Underdrain)	542
102383	Los Angeles	Rodeo Rd	Bioretention (No Underdrain)	356
102583	Los Angeles	W Jefferson Blvd	Bioretention (No Underdrain)	1,021
102583	Los Angeles	W Rodeo Rd	Bioretention (No Underdrain)	3
102583	Los Angeles	(unknown)	Bioretention (No Underdrain)	26
102583	Los Angeles	Alsace Ave	Bioretention (No Underdrain)	800

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102583	Los Angeles	Carmona Ave	Bioretention (No Underdrain)	1
102583	Los Angeles	Clyde Ave	Bioretention (No Underdrain)	5
102583	Los Angeles	Farmdale Ave	Bioretention (No Underdrain)	771
102583	Los Angeles	la Brea Ave	Bioretention (No Underdrain)	93
102583	Los Angeles	la Cienega Pl	Bioretention (No Underdrain)	10
102583	Los Angeles	Linscott Pl	Bioretention (No Underdrain)	28
102583	Los Angeles	Martin Luther King Jr Blvd	Bioretention (No Underdrain)	2,728
102583	Los Angeles	Nicolet Ave	Bioretention (No Underdrain)	473
102583	Los Angeles	Rodeo Ln	Bioretention (No Underdrain)	1,336
102583	Los Angeles	Rodeo Rd	Bioretention (No Underdrain)	2,569
102583	Los Angeles	S Cloverdale Ave	Bioretention (No Underdrain)	670
102583	Los Angeles	S Cochran Ave	Bioretention (No Underdrain)	651
102583	Los Angeles	S Dunsmuir Ave	Bioretention (No Underdrain)	635
102583	Los Angeles	S la Brea Ave	Bioretention (No Underdrain)	93
102583	Los Angeles	S la Cienega Blvd	Bioretention (No Underdrain)	6
102583	Los Angeles	S Nicolet Ave	Bioretention (No Underdrain)	55
102583	Los Angeles	S Redondo Blvd	Bioretention (No Underdrain)	685
102583	Los Angeles	S Sycamore Ave	Bioretention (No Underdrain)	1,064
102583	Los Angeles	Sunlight Pl	Bioretention (No Underdrain)	556
102583	Los Angeles	W Martin Luther King	Bioretention (No Underdrain)	1,009
102883	Los Angeles	W Martin Luther King Jr Blvd	Bioretention (No Underdrain)	2,728
102883	Los Angeles	W Rodeo Rd	Bioretention (No Underdrain)	1,688
102883	Los Angeles	(unknown)	Bioretention (No Underdrain)	134
102883	Los Angeles	10th Ave	Bioretention (No Underdrain)	2,971
102883	Los Angeles	11th Ave	Bioretention (No Underdrain)	2,980
102883	Los Angeles	12th Ave	Bioretention (No Underdrain)	2,691
102883	Los Angeles	2nd Ave	Bioretention (No Underdrain)	2,305
102883	Los Angeles	3rd Ave	Bioretention (No Underdrain)	2,298
102883	Los Angeles	4th Ave	Bioretention (No Underdrain)	1,982
102883	Los Angeles	5th Ave	Bioretention (No Underdrain)	1,874
102883	Los Angeles	6th Ave	Bioretention (No Underdrain)	1,743
102883	Los Angeles	7th Ave	Bioretention (No Underdrain)	1,601
102883	Los Angeles	8th Ave	Bioretention (No Underdrain)	1,388
102883	Los Angeles	9th Ave	Bioretention (No Underdrain)	2,285
102883	Los Angeles	Arlington Ave	Bioretention (No Underdrain)	2,373
102883	Los Angeles	Buckingham Rd	Bioretention (No Underdrain)	2,362
102883	Los Angeles	Budlong Ave	Bioretention (No Underdrain)	998
102883	Los Angeles	Chesapeake Ave	Bioretention (No Underdrain)	896
102883	Los Angeles	Chico St	Bioretention (No Underdrain)	29
102883	Los Angeles	Cimarron St	Bioretention (No Underdrain)	2,358
102883	Los Angeles	Crenshaw Blvd	Bioretention (No Underdrain)	3,196
102883	Los Angeles	Dalton Ave	Bioretention (No Underdrain)	482
102883	Los Angeles	Denker Ave	Bioretention (No Underdrain)	906
102883	Los Angeles	Downey Way	Bioretention (No Underdrain)	7,812
102883	Los Angeles	Edgehill Dr	Bioretention (No Underdrain)	3,541
102883	Los Angeles	Farmdale Ave	Bioretention (No Underdrain)	489
102883	Los Angeles	Halldale Ave	Bioretention (No Underdrain)	1,173
102883	Los Angeles	Hillcrest Dr	Bioretention (No Underdrain)	1,065
102883	Los Angeles	Montclair St	Bioretention (No Underdrain)	1,634
102883	Los Angeles	Potomac Ave	Bioretention (No Underdrain)	1,229
102883	Los Angeles	Raymond Ave	Bioretention (No Underdrain)	1,463
102883	Los Angeles	Rochester Cir	Bioretention (No Underdrain)	321
102883	Los Angeles	Rodeo Rd	Bioretention (No Underdrain)	1,111
102883	Los Angeles	Ruthelen St	Bioretention (No Underdrain)	1,124
102883	Los Angeles	S Bronson Ave	Bioretention (No Underdrain)	3,176

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102883	Los Angeles	S Budlong Ave	Bioretention (No Underdrain)	6
102883	Los Angeles	S Catalina Ave	Bioretention (No Underdrain)	387
102883	Los Angeles	S Catalina St	Bioretention (No Underdrain)	1,533
102883	Los Angeles	S Gramercy Pl	Bioretention (No Underdrain)	2,654
102883	Los Angeles	S Harvard Blvd	Bioretention (No Underdrain)	482
102883	Los Angeles	S la Salle Ave	Bioretention (No Underdrain)	482
102883	Los Angeles	S Normandie Ave	Bioretention (No Underdrain)	2,325
102883	Los Angeles	S Norton Ave	Bioretention (No Underdrain)	2,756
102883	Los Angeles	S St Andrews Pl	Bioretention (No Underdrain)	2,332
102883	Los Angeles	S Van Ness Ave	Bioretention (No Underdrain)	1,734
102883	Los Angeles	S Victoria Ave	Bioretention (No Underdrain)	2,623
102883	Los Angeles	S Western Ave	Bioretention (No Underdrain)	2,681
102883	Los Angeles	S Wilton Pl	Bioretention (No Underdrain)	529
102883	Los Angeles	Somerset Dr	Bioretention (No Underdrain)	2,558
102883	Los Angeles	Virginia Rd	Bioretention (No Underdrain)	2,427
102883	Los Angeles	W 27th St	Bioretention (No Underdrain)	1,235
102883	Los Angeles	W 28th St	Bioretention (No Underdrain)	761
102883	Los Angeles	W 29th St	Bioretention (No Underdrain)	3,146
102883	Los Angeles	W 30th St	Bioretention (No Underdrain)	4,449
103083	Los Angeles	W 35th Pl	Bioretention (No Underdrain)	6,585
103083	Los Angeles	W 35th St	Bioretention (No Underdrain)	1,357
103083	Los Angeles	W 36th Pl	Bioretention (No Underdrain)	7,812
103083	Los Angeles	W 36th St	Bioretention (No Underdrain)	13,549
103083	Los Angeles	W 37th Dr	Bioretention (No Underdrain)	4,228
103083	Los Angeles	W 37th Pl	Bioretention (No Underdrain)	8,574
103083	Los Angeles	W 37th St	Bioretention (No Underdrain)	6,300
103083	Los Angeles	W 38th Pl	Bioretention (No Underdrain)	311
103083	Los Angeles	W 38th St	Bioretention (No Underdrain)	2,408
103083	Los Angeles	W Adams Blvd	Bioretention (No Underdrain)	474
103083	Los Angeles	W Jefferson Blvd	Bioretention (No Underdrain)	5,711
103083	Los Angeles	Walton Ave	Bioretention (No Underdrain)	12
103083	Los Angeles	Wellington Rd	Bioretention (No Underdrain)	2,494
103083	Los Angeles	West Blvd	Bioretention (No Underdrain)	994
103083	Los Angeles	10th Ave	Bioretention (No Underdrain)	812
103083	Los Angeles	11th Ave	Bioretention (No Underdrain)	104
103083	Los Angeles	12th Ave	Bioretention (No Underdrain)	133
103083	Los Angeles	9th Ave	Bioretention (No Underdrain)	37
103083	Los Angeles	Crenshaw Blvd	Bioretention (No Underdrain)	1,566
103083	Los Angeles	S Bronson Ave	Bioretention (No Underdrain)	1,203
103083	Los Angeles	W 21st St	Bioretention (No Underdrain)	1,311
103083	Los Angeles	W 22nd Pl	Bioretention (No Underdrain)	911
103083	Los Angeles	W 23rd St	Bioretention (No Underdrain)	1,700
103083	Los Angeles	(unknown)	Bioretention (No Underdrain)	3,963
103083	Los Angeles	2nd Ave	Bioretention (No Underdrain)	1,817
103083	Los Angeles	3rd Ave	Bioretention (No Underdrain)	2,117
103083	Los Angeles	4th Ave	Bioretention (No Underdrain)	3,148
103083	Los Angeles	5th Ave	Bioretention (No Underdrain)	3,583
103083	Los Angeles	6th Ave	Bioretention (No Underdrain)	3,197
103083	Los Angeles	7th Ave	Bioretention (No Underdrain)	2,504
103083	Los Angeles	8th Ave	Bioretention (No Underdrain)	1,551
103083	Los Angeles	8th St	Bioretention (No Underdrain)	212
103083	Los Angeles	9th Ave	Bioretention (No Underdrain)	790
103083	Los Angeles	Albany St	Bioretention (No Underdrain)	3,848
103083	Los Angeles	Alvarado Ter	Bioretention (No Underdrain)	1,368
103083	Los Angeles	Amey St	Bioretention (No Underdrain)	130

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103083	Los Angeles	Arapahoe St	Bioretention (No Underdrain)	2,755
103083	Los Angeles	Arlington Ave	Bioretention (No Underdrain)	2,725
103083	Los Angeles	Beacon Ave	Bioretention (No Underdrain)	2,176
103083	Los Angeles	Blaine St	Bioretention (No Underdrain)	943
103083	Los Angeles	Bond St	Bioretention (No Underdrain)	266
103083	Los Angeles	Bonsallo Ave	Bioretention (No Underdrain)	1,454
103083	Los Angeles	Brighton Ave	Bioretention (No Underdrain)	2,628
103083	Los Angeles	Budlong Ave	Bioretention (No Underdrain)	5,318
103083	Los Angeles	Cambria St	Bioretention (No Underdrain)	613
103083	Los Angeles	Cameron Ln	Bioretention (No Underdrain)	273
103083	Los Angeles	Cherry St	Bioretention (No Underdrain)	1,384
103083	Los Angeles	Chick Hearn Ct	Bioretention (No Underdrain)	1,447
103083	Los Angeles	Childs Way	Bioretention (No Underdrain)	108
103083	Los Angeles	Cimarron St	Bioretention (No Underdrain)	3,329
103083	Los Angeles	Columbia Ave	Bioretention (No Underdrain)	3,461
103083	Los Angeles	Columbia Pl	Bioretention (No Underdrain)	30
103083	Los Angeles	Connecticut St	Bioretention (No Underdrain)	680
103083	Los Angeles	Constance St	Bioretention (No Underdrain)	1,312
103083	Los Angeles	Cordova St	Bioretention (No Underdrain)	2,543
103083	Los Angeles	Cottage Pl	Bioretention (No Underdrain)	542
103083	Los Angeles	Courtland St	Bioretention (No Underdrain)	540
103083	Los Angeles	Crown Hill Ave	Bioretention (No Underdrain)	436
103083	Los Angeles	Dalton Ave	Bioretention (No Underdrain)	2,620
103083	Los Angeles	Dana St	Bioretention (No Underdrain)	820
103083	Los Angeles	Denker Ave	Bioretention (No Underdrain)	416
103283	Los Angeles	Downey Way	Bioretention (No Underdrain)	155
103283	Los Angeles	Ellendale Pl	Bioretention (No Underdrain)	3,061
103283	Los Angeles	Estrella Ave	Bioretention (No Underdrain)	913
103283	Los Angeles	Francisco St	Bioretention (No Underdrain)	1,116
103283	Los Angeles	Garland Ave	Bioretention (No Underdrain)	987
103283	Los Angeles	Georgia St	Bioretention (No Underdrain)	1,788
103283	Los Angeles	Golden Ave	Bioretention (No Underdrain)	47
103283	Los Angeles	Gramercy Park	Bioretention (No Underdrain)	159
103783	Los Angeles	Grattan St	Bioretention (No Underdrain)	804
103783	Los Angeles	Green Ave	Bioretention (No Underdrain)	667
104083	Los Angeles	Halldale Ave	Bioretention (No Underdrain)	2,624
105883	Los Angeles	Hartford Ave	Bioretention (No Underdrain)	1,892
105883	Los Angeles	Hellman Way	Bioretention (No Underdrain)	49
106083	Los Angeles	Hoover Blvd	Bioretention (No Underdrain)	51
106083	Los Angeles	Ingraham St	Bioretention (No Underdrain)	2,193
106083	Los Angeles	James M Wood Blvd	Bioretention (No Underdrain)	3,472
106783	Los Angeles	Juliet St	Bioretention (No Underdrain)	1,965
106783	Los Angeles	Kenwood Ave	Bioretention (No Underdrain)	2,627
106783	Los Angeles	Lebanon St	Bioretention (No Underdrain)	1,075
106783	Los Angeles	Linwood Ave	Bioretention (No Underdrain)	427
106783	Los Angeles	Loma Dr	Bioretention (No Underdrain)	1,689
106783	Los Angeles	Lovelace Ave	Bioretention (No Underdrain)	273
106783	Los Angeles	Lucas Ave	Bioretention (No Underdrain)	2,894
106783	Los Angeles	Magnolia Ave	Bioretention (No Underdrain)	5,069
106783	Los Angeles	Magnolia Ct	Bioretention (No Underdrain)	103
106783	Los Angeles	Malvern Ave	Bioretention (No Underdrain)	767
106783	Los Angeles	Maryland St	Bioretention (No Underdrain)	581
106783	Los Angeles	Mc Clintock Ave	Bioretention (No Underdrain)	1,012
106783	Los Angeles	McClintock Ave	Bioretention (No Underdrain)	1,012
106783	Los Angeles	Menlo Ave	Bioretention (No Underdrain)	3,299

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
106783	Los Angeles	Miramar St	Bioretention (No Underdrain)	335
106783	Los Angeles	Monmouth Ave	Bioretention (No Underdrain)	667
106783	Los Angeles	Montclair St	Bioretention (No Underdrain)	2,274
106783	Los Angeles	N la Salle Ave	Bioretention (No Underdrain)	101
106783	Los Angeles	New England St	Bioretention (No Underdrain)	677
106783	Los Angeles	Norwood St	Bioretention (No Underdrain)	1,458
106783	Los Angeles	Oak St	Bioretention (No Underdrain)	2,370
106783	Los Angeles	Orchard Ave	Bioretention (No Underdrain)	5,473
106783	Los Angeles	Park Grove Ave	Bioretention (No Underdrain)	1,456
106783	Los Angeles	Portland St	Bioretention (No Underdrain)	2,489
106783	Los Angeles	Powers Pl	Bioretention (No Underdrain)	77
106783	Los Angeles	Raymond Ave	Bioretention (No Underdrain)	5,112
106783	Los Angeles	Roosevelt Ave	Bioretention (No Underdrain)	358
106783	Los Angeles	Royal St	Bioretention (No Underdrain)	674
106783	Los Angeles	S Alvarado St	Bioretention (No Underdrain)	718
106783	Los Angeles	S Ardmore Ave	Bioretention (No Underdrain)	293
106783	Los Angeles	S Berendo St	Bioretention (No Underdrain)	1,479
106783	Los Angeles	S Bixel St	Bioretention (No Underdrain)	2,886
106783	Los Angeles	S Bonnie Brae St	Bioretention (No Underdrain)	4,169
106783	Los Angeles	S Burlington Ave	Bioretention (No Underdrain)	4,580
106783	Los Angeles	S Catalina St	Bioretention (No Underdrain)	5,265
106783	Los Angeles	S Congress Ave	Bioretention (No Underdrain)	1,417
106783	Los Angeles	S Figueroa St	Bioretention (No Underdrain)	4,396
106783	Los Angeles	S Flower St	Bioretention (No Underdrain)	3,813
106783	Los Angeles	S Golden Ave	Bioretention (No Underdrain)	12
106783	Los Angeles	S Gramercy Pl	Bioretention (No Underdrain)	551
106783	Los Angeles	S Grand Ave	Bioretention (No Underdrain)	83
106783	Los Angeles	S Harvard Blvd	Bioretention (No Underdrain)	4,479
106783	Los Angeles	S Hobart Blvd	Bioretention (No Underdrain)	4,841
106783	Los Angeles	S Hoover St	Bioretention (No Underdrain)	7,825
106783	Los Angeles	S Hope St	Bioretention (No Underdrain)	2,665
106783	Los Angeles	S Kingsley Dr	Bioretention (No Underdrain)	577
106783	Los Angeles	S la Salle Ave	Bioretention (No Underdrain)	4,885
106783	Los Angeles	S Manhattan Pl	Bioretention (No Underdrain)	294
106783	Los Angeles	S Mariposa Ave	Bioretention (No Underdrain)	689
106783	Los Angeles	S New England St	Bioretention (No Underdrain)	1,849
106783	Los Angeles	S New Hampshire Ave	Bioretention (No Underdrain)	1,524
106783	Los Angeles	S Normandie Ave	Bioretention (No Underdrain)	5,967
106783	Los Angeles	S Pembroke Ln	Bioretention (No Underdrain)	22
106783	Los Angeles	S St Andrews Pl	Bioretention (No Underdrain)	2,859
106783	Los Angeles	S St James Pl	Bioretention (No Underdrain)	403
106783	Los Angeles	S Union Ave	Bioretention (No Underdrain)	8,117
106783	Los Angeles	S Vermont Ave	Bioretention (No Underdrain)	8,572
106783	Los Angeles	S Western Ave	Bioretention (No Underdrain)	3,668
106783	Los Angeles	S Westlake Ave	Bioretention (No Underdrain)	1,298
106783	Los Angeles	S Westmoreland Ave	Bioretention (No Underdrain)	1,454
106783	Los Angeles	Saint James Park	Bioretention (No Underdrain)	759
106783	Los Angeles	Saint James Pl	Bioretention (No Underdrain)	285
106983	Los Angeles	Scarff St	Bioretention (No Underdrain)	1,119
108083	Los Angeles	Sentous St	Bioretention (No Underdrain)	1,005
108083	Los Angeles	Severance St	Bioretention (No Underdrain)	858
108083	Los Angeles	Shatto St	Bioretention (No Underdrain)	213
108083	Los Angeles	Shrine Pl	Bioretention (No Underdrain)	634
108083	Los Angeles	St James Park	Bioretention (No Underdrain)	266
108083	Los Angeles	St James Pl	Bioretention (No Underdrain)	588

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
108083	Los Angeles	Sunbury St	Bioretention (No Underdrain)	355
108083	Los Angeles	Toberman St	Bioretention (No Underdrain)	4,417
108083	Los Angeles	University Ave	Bioretention (No Underdrain)	2,117
108083	Los Angeles	Valencia St	Bioretention (No Underdrain)	5,258
108083	Los Angeles	Van Buren Pl	Bioretention (No Underdrain)	2,452
108183	Los Angeles	Venice Blvd	Bioretention (No Underdrain)	5,171
108883	Los Angeles	W 10th Pl	Bioretention (No Underdrain)	442
117583	Los Angeles	W 11th Pl	Bioretention (No Underdrain)	1,738
117583	Los Angeles	W 11th St	Bioretention (No Underdrain)	3,320
117583	Los Angeles	W 12th Pl	Bioretention (No Underdrain)	2,344
117583	Los Angeles	W 12th St	Bioretention (No Underdrain)	3,530
117583	Los Angeles	W 14th St	Bioretention (No Underdrain)	2,249
117583	Los Angeles	W 15th St	Bioretention (No Underdrain)	40
117583	Los Angeles	W 17th Pl	Bioretention (No Underdrain)	864
117583	Los Angeles	W 17th St	Bioretention (No Underdrain)	2,663
117583	Los Angeles	W 18th St	Bioretention (No Underdrain)	2,735
117583	Los Angeles	W 20th St	Bioretention (No Underdrain)	6,583
108887	Los Angeles	W 21st St	Bioretention (No Underdrain)	2,884
108887	Los Angeles	W 22nd Pl	Bioretention (No Underdrain)	824
108887	Los Angeles	W 22nd St	Bioretention (No Underdrain)	5,213
108887	Los Angeles	W 23rd St	Bioretention (No Underdrain)	8,874
108887	Los Angeles	W 24th St	Bioretention (No Underdrain)	7,609
108887	Los Angeles	W 25th St	Bioretention (No Underdrain)	9,799
108887	Los Angeles	W 26th Pl	Bioretention (No Underdrain)	1,287
108887	Los Angeles	W 27th St	Bioretention (No Underdrain)	12,351
108887	Los Angeles	W 28th St	Bioretention (No Underdrain)	7,114
108887	Los Angeles	W 29th Pl	Bioretention (No Underdrain)	3,724
108887	Los Angeles	W 29th St	Bioretention (No Underdrain)	10,212
108887	Los Angeles	W 30th Pl	Bioretention (No Underdrain)	661
108887	Los Angeles	W 30th St	Bioretention (No Underdrain)	14,698
108887	Los Angeles	W 31st St	Bioretention (No Underdrain)	4,538
108887	Los Angeles	W 32nd St	Bioretention (No Underdrain)	1,607
108887	Los Angeles	W 34th St	Bioretention (No Underdrain)	49
108887	Los Angeles	W 35th Pl	Bioretention (No Underdrain)	49
108887	Los Angeles	W 35th St	Bioretention (No Underdrain)	6,389
108887	Los Angeles	W 36th Pl	Bioretention (No Underdrain)	155
108887	Los Angeles	W 36th St	Bioretention (No Underdrain)	185
108887	Los Angeles	W 37th Pl	Bioretention (No Underdrain)	89
108887	Los Angeles	W 37th St	Bioretention (No Underdrain)	197
108887	Los Angeles	W 3rd St	Bioretention (No Underdrain)	1,631
108887	Los Angeles	W 4th St	Bioretention (No Underdrain)	1,616
108887	Los Angeles	W 5th St	Bioretention (No Underdrain)	1,175
108887	Los Angeles	W 6th St	Bioretention (No Underdrain)	2,263
108887	Los Angeles	W 7th St	Bioretention (No Underdrain)	3,312
108887	Los Angeles	W 8th Pl	Bioretention (No Underdrain)	533
108887	Los Angeles	W 8th St	Bioretention (No Underdrain)	2,468
108887	Los Angeles	W 9th St	Bioretention (No Underdrain)	2,150
108887	Los Angeles	W Adams Blvd	Bioretention (No Underdrain)	14,806
109087	Los Angeles	W Adams Gardens	Bioretention (No Underdrain)	82
109087	Los Angeles	W Gramercy Park	Bioretention (No Underdrain)	159
109087	Los Angeles	W James M Wood Blvd	Bioretention (No Underdrain)	895
109087	Los Angeles	W James M Woods	Bioretention (No Underdrain)	396
109087	Los Angeles	W James M Woods St	Bioretention (No Underdrain)	697
109087	Los Angeles	W Jefferson Blvd	Bioretention (No Underdrain)	18,422
109087	Los Angeles	W Olympic Blvd	Bioretention (No Underdrain)	5,265

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109087	Los Angeles	W Pico Blvd	Bioretention (No Underdrain)	6,524
109087	Los Angeles	W Prescott Ct	Bioretention (No Underdrain)	164
109087	Los Angeles	W St James Park	Bioretention (No Underdrain)	217
109087	Los Angeles	W Washington Blvd	Bioretention (No Underdrain)	8,361
109087	Los Angeles	Walton Ave	Bioretention (No Underdrain)	2,559
109087	Los Angeles	Watt Way	Bioretention (No Underdrain)	30
109087	Los Angeles	Wilmot St	Bioretention (No Underdrain)	116
109087	Los Angeles	Wilshire Blvd	Bioretention (No Underdrain)	1,362
109087	Los Angeles	Witmer St	Bioretention (No Underdrain)	4,167
109087	Los Angeles	Wright St	Bioretention (No Underdrain)	305
109087	Los Angeles	(unknown)	Bioretention (No Underdrain)	215
109087	Los Angeles	Cameron Ln	Bioretention (No Underdrain)	913
109087	Los Angeles	Catesby Ln	Bioretention (No Underdrain)	350
109087	Los Angeles	E 14th St	Bioretention (No Underdrain)	535
109187	Los Angeles	E 15th St	Bioretention (No Underdrain)	756
109187	Los Angeles	E 16th St	Bioretention (No Underdrain)	759
109187	Los Angeles	E Pico Blvd	Bioretention (No Underdrain)	57
109187	Los Angeles	E Washington Blvd	Bioretention (No Underdrain)	740
109187	Los Angeles	E Washington Boulevard	Bioretention (No Underdrain)	55
109187	Los Angeles	Lebanon St	Bioretention (No Underdrain)	793
109187	Los Angeles	Margo St	Bioretention (No Underdrain)	727
109187	Los Angeles	Midway Ln	Bioretention (No Underdrain)	34
109187	Los Angeles	S Broadway	Bioretention (No Underdrain)	6,501
109187	Los Angeles	S Figueroa St	Bioretention (No Underdrain)	5,122
109187	Los Angeles	S Flower St	Bioretention (No Underdrain)	3,710
109187	Los Angeles	S Grand Ave	Bioretention (No Underdrain)	6,546
109187	Los Angeles	S Hill St	Bioretention (No Underdrain)	6,503
109187	Los Angeles	S Hope St	Bioretention (No Underdrain)	2,512
109187	Los Angeles	S Los Angeles St	Bioretention (No Underdrain)	1,365
109187	Los Angeles	S Main St	Bioretention (No Underdrain)	2,448
109187	Los Angeles	S Olive St	Bioretention (No Underdrain)	5,018
109187	Los Angeles	S Pembroke Ln	Bioretention (No Underdrain)	1,582
109187	Los Angeles	Saint Josephs Pl	Bioretention (No Underdrain)	719
109187	Los Angeles	Venice Blvd	Bioretention (No Underdrain)	2,296
109187	Los Angeles	W 12th St	Bioretention (No Underdrain)	12
109187	Los Angeles	W 14th Pl	Bioretention (No Underdrain)	718
109187	Los Angeles	W 14th St	Bioretention (No Underdrain)	1,436
109187	Los Angeles	W 15th St	Bioretention (No Underdrain)	1,219
109187	Los Angeles	W 18th St	Bioretention (No Underdrain)	367
109187	Los Angeles	W 20th St	Bioretention (No Underdrain)	419
109187	Los Angeles	W 21st St	Bioretention (No Underdrain)	1,919
109187	Los Angeles	W 22nd St	Bioretention (No Underdrain)	1,628
109187	Los Angeles	W 23rd St	Bioretention (No Underdrain)	2,300
109187	Los Angeles	W 24th St	Bioretention (No Underdrain)	1,138
109187	Los Angeles	W 25th St	Bioretention (No Underdrain)	1,191
109187	Los Angeles	W 27th St	Bioretention (No Underdrain)	1,626
109187	Los Angeles	W 28th St	Bioretention (No Underdrain)	2,295
109187	Los Angeles	W 29th Pl	Bioretention (No Underdrain)	70
109187	Los Angeles	W 29th St	Bioretention (No Underdrain)	421
109187	Los Angeles	W 30th St	Bioretention (No Underdrain)	2,289
109187	Los Angeles	W 31st St	Bioretention (No Underdrain)	298
109187	Los Angeles	W 32nd St	Bioretention (No Underdrain)	82
109187	Los Angeles	W 33rd St	Bioretention (No Underdrain)	332
109187	Los Angeles	W Adams Blvd	Bioretention (No Underdrain)	2,242
109187	Los Angeles	W Pico Blvd	Bioretention (No Underdrain)	1,778

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Los Angeles	W Washington Blvd	Bioretention (No Underdrain)	4,730
109187	Los Angeles	W Washington Boulevard	Bioretention (No Underdrain)	2,103
109187	Los Angeles	(unknown)	Bioretention (No Underdrain)	502
109187	Los Angeles	Adair St	Bioretention (No Underdrain)	786
109187	Los Angeles	Boaz St	Bioretention (No Underdrain)	266
109187	Los Angeles	Broadway Pl	Bioretention (No Underdrain)	109
109187	Los Angeles	Compton Ave	Bioretention (No Underdrain)	2,421
109187	Los Angeles	E 14th Pl	Bioretention (No Underdrain)	7
109187	Los Angeles	E 14th St	Bioretention (No Underdrain)	616
109187	Los Angeles	E 15th St	Bioretention (No Underdrain)	3,123
109187	Los Angeles	E 16th St	Bioretention (No Underdrain)	942
109187	Los Angeles	E 18th St	Bioretention (No Underdrain)	2,808
109187	Los Angeles	E 20th St	Bioretention (No Underdrain)	3,643
109187	Los Angeles	E 21st St	Bioretention (No Underdrain)	6,520
109187	Los Angeles	E 22nd St	Bioretention (No Underdrain)	7,505
109187	Los Angeles	E 23rd St	Bioretention (No Underdrain)	8,821
109187	Los Angeles	E 24th St	Bioretention (No Underdrain)	4,990
109187	Los Angeles	E 25th St	Bioretention (No Underdrain)	8,216
109187	Los Angeles	E 27th St	Bioretention (No Underdrain)	7,166
109187	Los Angeles	E 28th St	Bioretention (No Underdrain)	6,021
109187	Los Angeles	E 29th St	Bioretention (No Underdrain)	5,163
109187	Los Angeles	E 30th St	Bioretention (No Underdrain)	2,160
109187	Los Angeles	E 31st St	Bioretention (No Underdrain)	4,227
109187	Los Angeles	E 32nd St	Bioretention (No Underdrain)	5,300
109187	Los Angeles	E 33rd St	Bioretention (No Underdrain)	6,879
109187	Los Angeles	E 34th St	Bioretention (No Underdrain)	644
109187	Los Angeles	E Adams Blvd	Bioretention (No Underdrain)	8,152
109187	Los Angeles	E Jefferson Blvd	Bioretention (No Underdrain)	3,082
109187	Los Angeles	E Washington Blvd	Bioretention (No Underdrain)	9,810
109187	Los Angeles	E Washington Boulevard	Bioretention (No Underdrain)	5,218
109187	Los Angeles	Essex St	Bioretention (No Underdrain)	478
109187	Los Angeles	Geraldine St	Bioretention (No Underdrain)	222
109187	Los Angeles	Griffith Ave	Bioretention (No Underdrain)	5,886
109187	Los Angeles	Hooper Ave	Bioretention (No Underdrain)	2,900
109187	Los Angeles	Hooper Pl	Bioretention (No Underdrain)	174
109187	Los Angeles	Leta St	Bioretention (No Underdrain)	149
109187	Los Angeles	Maple Ave	Bioretention (No Underdrain)	6,625
109187	Los Angeles	McKinley Ave	Bioretention (No Underdrain)	51
109187	Los Angeles	Myrtle St	Bioretention (No Underdrain)	846
109187	Los Angeles	Naomi Ave	Bioretention (No Underdrain)	3,094
109187	Los Angeles	Nevin Ave	Bioretention (No Underdrain)	316
109187	Los Angeles	Paloma St	Bioretention (No Underdrain)	1,700
109187	Los Angeles	S Broadway	Bioretention (No Underdrain)	1,727
109187	Los Angeles	S Central Ave	Bioretention (No Underdrain)	4,716
109187	Los Angeles	S Figueroa St	Bioretention (No Underdrain)	129
109187	Los Angeles	S Flower St	Bioretention (No Underdrain)	1,098
109187	Los Angeles	S Grand Ave	Bioretention (No Underdrain)	1,225
109187	Los Angeles	S Griffith Ave	Bioretention (No Underdrain)	65
109287	Los Angeles	S Hill St	Bioretention (No Underdrain)	1,218
109287	Los Angeles	S Hope St	Bioretention (No Underdrain)	114
109287	Los Angeles	S Los Angeles St	Bioretention (No Underdrain)	1,957
109287	Los Angeles	S Main St	Bioretention (No Underdrain)	5,045
109287	Los Angeles	S San Pedro St	Bioretention (No Underdrain)	5,394
109287	Los Angeles	Saint Josephs Pl	Bioretention (No Underdrain)	446
109287	Los Angeles	San Julian St	Bioretention (No Underdrain)	30

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109287	Los Angeles	Santee St	Bioretention (No Underdrain)	1,801
109287	Los Angeles	Stanford Ave	Bioretention (No Underdrain)	5,056
109287	Los Angeles	Trinity St	Bioretention (No Underdrain)	4,919
109287	Los Angeles	W 21st St	Bioretention (No Underdrain)	14
109287	Los Angeles	W 22nd St	Bioretention (No Underdrain)	115
109287	Los Angeles	W 23rd St	Bioretention (No Underdrain)	139
109287	Los Angeles	W 24th St	Bioretention (No Underdrain)	104
109287	Los Angeles	W 25th St	Bioretention (No Underdrain)	50
109287	Los Angeles	W 27th St	Bioretention (No Underdrain)	85
109287	Los Angeles	W 28th St	Bioretention (No Underdrain)	75
109287	Los Angeles	W 30th St	Bioretention (No Underdrain)	53
109287	Los Angeles	W 31st St	Bioretention (No Underdrain)	1,904
109287	Los Angeles	W 32nd St	Bioretention (No Underdrain)	1,239
109287	Los Angeles	W 33rd St	Bioretention (No Underdrain)	1,787
109287	Los Angeles	W 35th St	Bioretention (No Underdrain)	416
109287	Los Angeles	W 36th St	Bioretention (No Underdrain)	176
109287	Los Angeles	W Adams Blvd	Bioretention (No Underdrain)	59
109287	Los Angeles	W Jefferson Blvd	Bioretention (No Underdrain)	2,129
109287	Los Angeles	W Washington Blvd	Bioretention (No Underdrain)	26
109287	Los Angeles	W Washington Boulevard	Bioretention (No Underdrain)	26
109287	Los Angeles	Wadsworth Ave	Bioretention (No Underdrain)	804
109287	Los Angeles	Wall St	Bioretention (No Underdrain)	2,372
109287	Los Angeles	Walnut St	Bioretention (No Underdrain)	406
109287	Los Angeles	(unknown)	Bioretention (No Underdrain)	240
109287	Los Angeles	3rd Ave	Bioretention (No Underdrain)	3
103275	Los Angeles	4th Ave	Bioretention (No Underdrain)	312
103275	Los Angeles	6th Ave	Bioretention (No Underdrain)	544
103275	Los Angeles	7th Ave	Bioretention (No Underdrain)	371
103275	Los Angeles	9th Ave	Bioretention (No Underdrain)	241
103275	Los Angeles	Buckingham Rd	Bioretention (No Underdrain)	2,569
103275	Los Angeles	Cherrywood Ave	Bioretention (No Underdrain)	3,188
103275	Los Angeles	Chesapeake Ave	Bioretention (No Underdrain)	1,916
103275	Los Angeles	Coliseum Pl	Bioretention (No Underdrain)	352
103275	Los Angeles	Coliseum St	Bioretention (No Underdrain)	6,149
103275	Los Angeles	Crenshaw Blvd	Bioretention (No Underdrain)	3,865
103275	Los Angeles	Degnan Blvd	Bioretention (No Underdrain)	3,558
103275	Los Angeles	Dublin Ave	Bioretention (No Underdrain)	194
103275	Los Angeles	Edgehill Dr	Bioretention (No Underdrain)	2,833
103275	Los Angeles	Exposition Pl	Bioretention (No Underdrain)	3,873
103275	Los Angeles	Grayburn Ave	Bioretention (No Underdrain)	2,447
103275	Los Angeles	Hepburn Ave	Bioretention (No Underdrain)	700
103275	Los Angeles	Hillcrest Dr	Bioretention (No Underdrain)	1,841
103275	Los Angeles	Hubert Ave	Bioretention (No Underdrain)	1,052
103275	Los Angeles	Marlton Ave	Bioretention (No Underdrain)	685
103275	Los Angeles	Martin Luther King Jr Blvd	Bioretention (No Underdrain)	112
103275	Los Angeles	Mc Clung Dr	Bioretention (No Underdrain)	1,133
103275	Los Angeles	McClung Dr	Bioretention (No Underdrain)	1,133
103275	Los Angeles	Olmsted Ave	Bioretention (No Underdrain)	3,066
103275	Los Angeles	Potomac Ave	Bioretention (No Underdrain)	1,878
103275	Los Angeles	Rodeo Ln	Bioretention (No Underdrain)	58
103275	Los Angeles	Rodeo Pl	Bioretention (No Underdrain)	580
103275	Los Angeles	Rodeo Rd	Bioretention (No Underdrain)	7,513
103275	Los Angeles	Roxton Ave	Bioretention (No Underdrain)	395
103275	Los Angeles	S Bronson Ave	Bioretention (No Underdrain)	2,833
101483	Los Angeles	S Crenshaw Blvd	Bioretention (No Underdrain)	3,694

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
101583	Los Angeles	S Edgehill Dr	Bioretention (No Underdrain)	470
101583	Los Angeles	S Muirfield Rd	Bioretention (No Underdrain)	2,125
101583	Los Angeles	S Norton Ave	Bioretention (No Underdrain)	3,519
101583	Los Angeles	S Victoria Ave	Bioretention (No Underdrain)	3,318
101583	Los Angeles	Somerset Dr	Bioretention (No Underdrain)	3,176
101583	Los Angeles	Sutro Ave	Bioretention (No Underdrain)	356
101583	Los Angeles	Virginia Rd	Bioretention (No Underdrain)	2,794
102383	Los Angeles	W 39th St	Bioretention (No Underdrain)	4,160
102383	Los Angeles	W Martin Luther King Jr Blvd	Bioretention (No Underdrain)	112
102383	Los Angeles	Welland Ave	Bioretention (No Underdrain)	673
102583	Los Angeles	Wellington Rd	Bioretention (No Underdrain)	3,018
102583	Los Angeles	West Blvd	Bioretention (No Underdrain)	2,361
102583	Los Angeles	Westside Ave	Bioretention (No Underdrain)	1,669
102583	Los Angeles	(unknown)	Bioretention (No Underdrain)	162
102583	Los Angeles	2nd Ave	Bioretention (No Underdrain)	3,963
102583	Los Angeles	3rd Ave	Bioretention (No Underdrain)	3,902
102583	Los Angeles	4th Ave	Bioretention (No Underdrain)	1,237
102583	Los Angeles	5th Ave	Bioretention (No Underdrain)	1,222
102583	Los Angeles	6th Ave	Bioretention (No Underdrain)	2,857
102583	Los Angeles	8th Ave	Bioretention (No Underdrain)	509
102583	Los Angeles	9th Ave	Bioretention (No Underdrain)	87
102583	Los Angeles	Arlington Ave	Bioretention (No Underdrain)	4,022
102583	Los Angeles	Brighton Ave	Bioretention (No Underdrain)	1,808
102583	Los Angeles	Browning Ave	Bioretention (No Underdrain)	1,293
102583	Los Angeles	Browning Blvd	Bioretention (No Underdrain)	6,365
102583	Los Angeles	Budlong Ave	Bioretention (No Underdrain)	2,466
102583	Los Angeles	Cimarron St	Bioretention (No Underdrain)	1,293
102583	Los Angeles	Creed Ave	Bioretention (No Underdrain)	1,039
102583	Los Angeles	Dalton Ave	Bioretention (No Underdrain)	1,805
102583	Los Angeles	Denker Ave	Bioretention (No Underdrain)	2,696
102583	Los Angeles	Dublin Ave	Bioretention (No Underdrain)	2,413
102583	Los Angeles	Garthwaite Ave	Bioretention (No Underdrain)	1,076
102583	Los Angeles	Halldale Ave	Bioretention (No Underdrain)	1,806
102583	Los Angeles	Hepburn Ave	Bioretention (No Underdrain)	2,306
102883	Los Angeles	Kansas Ave	Bioretention (No Underdrain)	14
102883	Los Angeles	la Salle Ave	Bioretention (No Underdrain)	2,694
102883	Los Angeles	Leighton Ave	Bioretention (No Underdrain)	6,022
102883	Los Angeles	Leimert Blvd	Bioretention (No Underdrain)	2,082
102883	Los Angeles	Martin Luther King Jr Blvd	Bioretention (No Underdrain)	10,614
102883	Los Angeles	Menlo Ave	Bioretention (No Underdrain)	919
102883	Los Angeles	Middleton Pl	Bioretention (No Underdrain)	2,173
102883	Los Angeles	Norumbega Ct	Bioretention (No Underdrain)	275
102883	Los Angeles	Raymond Ave	Bioretention (No Underdrain)	120
102883	Los Angeles	Roland Curtis Pl	Bioretention (No Underdrain)	1,308
102883	Los Angeles	Rolland Curtis Pl	Bioretention (No Underdrain)	1,323
102883	Los Angeles	Roxton Ave	Bioretention (No Underdrain)	2,374
102883	Los Angeles	S 9th Ave	Bioretention (No Underdrain)	33
102883	Los Angeles	S Budlong Ave	Bioretention (No Underdrain)	2,466
102883	Los Angeles	S Gramercy Pl	Bioretention (No Underdrain)	3,014
102883	Los Angeles	S Harvard Blvd	Bioretention (No Underdrain)	2,693
102883	Los Angeles	S Hobart Blvd	Bioretention (No Underdrain)	2,692
102883	Los Angeles	S Kansas Ave	Bioretention (No Underdrain)	14
102883	Los Angeles	S la Salle Ave	Bioretention (No Underdrain)	560
102883	Los Angeles	S Leimert Blvd	Bioretention (No Underdrain)	1,409
102883	Los Angeles	S Normandie Ave	Bioretention (No Underdrain)	2,490

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102883	Los Angeles	S Raymond Ave	Bioretention (No Underdrain)	120
102883	Los Angeles	S St Andrews Pl	Bioretention (No Underdrain)	3,035
102883	Los Angeles	S Van Ness Ave	Bioretention (No Underdrain)	3,355
102883	Los Angeles	S Vermont Ave	Bioretention (No Underdrain)	1,500
102883	Los Angeles	S Western Ave	Bioretention (No Underdrain)	2,024
102883	Los Angeles	S Wilton Pl	Bioretention (No Underdrain)	1,382
102883	Los Angeles	Stocker Pl	Bioretention (No Underdrain)	162
102883	Los Angeles	Stocker Plz	Bioretention (No Underdrain)	69
102883	Los Angeles	Sutro Ave	Bioretention (No Underdrain)	3,105
102883	Los Angeles	Sutro Walk	Bioretention (No Underdrain)	141
102883	Los Angeles	W 38th Pl	Bioretention (No Underdrain)	4,180
102883	Los Angeles	W 38th St	Bioretention (No Underdrain)	3,705
102883	Los Angeles	W 39th Pl	Bioretention (No Underdrain)	5,037
102883	Los Angeles	W 39th St	Bioretention (No Underdrain)	11,737
102883	Los Angeles	W 41st Dr	Bioretention (No Underdrain)	2,970
102883	Los Angeles	W 41st St	Bioretention (No Underdrain)	2,408
102883	Los Angeles	W 42nd St	Bioretention (No Underdrain)	822
102883	Los Angeles	W Leighton Ave	Bioretention (No Underdrain)	340
102883	Los Angeles	W Martin Luther King	Bioretention (No Underdrain)	536
102883	Los Angeles	W Martin Luther King Jr Blvd	Bioretention (No Underdrain)	10,614
102883	Los Angeles	W Rolland Curtis Pl	Bioretention (No Underdrain)	1,308
102883	Los Angeles	Walton Ave	Bioretention (No Underdrain)	1,162
102883	Los Angeles	Welland Ave	Bioretention (No Underdrain)	2,150
102883	Los Angeles	Westside Ave	Bioretention (No Underdrain)	1,550
102883	Los Angeles	Wisconsin Pl	Bioretention (No Underdrain)	496
102883	Los Angeles	Wisconsin St	Bioretention (No Underdrain)	1,383
102883	Los Angeles	(unknown)	Bioretention (No Underdrain)	130
102883	Los Angeles	2nd Ave	Bioretention (No Underdrain)	4,067
102883	Los Angeles	3rd Ave	Bioretention (No Underdrain)	4,533
102883	Los Angeles	4th Ave	Bioretention (No Underdrain)	4,482
102883	Los Angeles	5th Ave	Bioretention (No Underdrain)	3,543
102883	Los Angeles	6th Ave	Bioretention (No Underdrain)	4,573
102883	Los Angeles	7th Ave	Bioretention (No Underdrain)	4,832
103083	Los Angeles	8th Ave	Bioretention (No Underdrain)	4,177
103083	Los Angeles	9th Ave	Bioretention (No Underdrain)	1,357
103083	Los Angeles	Arlington Ave	Bioretention (No Underdrain)	3,821
103083	Los Angeles	Brighton Ave	Bioretention (No Underdrain)	2,988
103083	Los Angeles	Browning Blvd	Bioretention (No Underdrain)	49
103083	Los Angeles	Budlong Ave	Bioretention (No Underdrain)	2,565
103083	Los Angeles	Cimarron St	Bioretention (No Underdrain)	3,107
103083	Los Angeles	Creed Ave	Bioretention (No Underdrain)	321
103083	Los Angeles	Dalton Ave	Bioretention (No Underdrain)	2,989
103083	Los Angeles	Denker Ave	Bioretention (No Underdrain)	5,295
103083	Los Angeles	Garthwaite Ave	Bioretention (No Underdrain)	474
103083	Los Angeles	Halldale Ave	Bioretention (No Underdrain)	5,246
103083	Los Angeles	Kansas Ave	Bioretention (No Underdrain)	2,342
103083	Los Angeles	Kenwood Ave	Bioretention (No Underdrain)	1,321
103083	Los Angeles	la Salle Ave	Bioretention (No Underdrain)	2,495
103083	Los Angeles	Leighton Ave	Bioretention (No Underdrain)	132
103083	Los Angeles	Leimert Blvd	Bioretention (No Underdrain)	279
103083	Los Angeles	Martin Luther King Jr Blvd	Bioretention (No Underdrain)	2,590
103083	Los Angeles	Menlo Ave	Bioretention (No Underdrain)	5,403
103083	Los Angeles	Orchard Ave	Bioretention (No Underdrain)	1,142
103083	Los Angeles	Raymond Ave	Bioretention (No Underdrain)	3,264
103083	Los Angeles	Ruthelen St	Bioretention (No Underdrain)	26

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103083	Los Angeles	S 7th Ave	Bioretention (No Underdrain)	40
103083	Los Angeles	S 8th Ave	Bioretention (No Underdrain)	1,209
103083	Los Angeles	S 9th Ave	Bioretention (No Underdrain)	748
103083	Los Angeles	S Budlong Ave	Bioretention (No Underdrain)	3,623
103083	Los Angeles	S Coliseum Dr	Bioretention (No Underdrain)	10
103083	Los Angeles	S Gramercy Pl	Bioretention (No Underdrain)	4,697
103083	Los Angeles	S Harvard Blvd	Bioretention (No Underdrain)	5,145
103083	Los Angeles	S Hobart Blvd	Bioretention (No Underdrain)	2,497
103083	Los Angeles	S Hoover St	Bioretention (No Underdrain)	2,909
103083	Los Angeles	S Kansas Ave	Bioretention (No Underdrain)	2,342
103083	Los Angeles	S Leimert Blvd	Bioretention (No Underdrain)	245
103083	Los Angeles	S Manhattan Pl	Bioretention (No Underdrain)	40
103083	Los Angeles	S Normandie Ave	Bioretention (No Underdrain)	2,518
103083	Los Angeles	S Park Dr	Bioretention (No Underdrain)	72
103083	Los Angeles	S Raymond Ave	Bioretention (No Underdrain)	3,264
103083	Los Angeles	S St Andrews Pl	Bioretention (No Underdrain)	4,609
103083	Los Angeles	S Van Ness Ave	Bioretention (No Underdrain)	4,978
103083	Los Angeles	S Vermont Ave	Bioretention (No Underdrain)	5,632
103083	Los Angeles	S Western Ave	Bioretention (No Underdrain)	5,214
103083	Los Angeles	S Wilton Pl	Bioretention (No Underdrain)	2,651
103083	Los Angeles	Stocker Pl	Bioretention (No Underdrain)	491
103083	Los Angeles	Stocker Plz	Bioretention (No Underdrain)	522
103083	Los Angeles	Stocker St	Bioretention (No Underdrain)	738
103083	Los Angeles	Sutro Ave	Bioretention (No Underdrain)	1,163
103083	Los Angeles	Van Buren Pl	Bioretention (No Underdrain)	1,322
103083	Los Angeles	W 39th Pl	Bioretention (No Underdrain)	57
103083	Los Angeles	W 40th Pl	Bioretention (No Underdrain)	5,133
103083	Los Angeles	W 41st Dr	Bioretention (No Underdrain)	3,250
103083	Los Angeles	W 41st Pl	Bioretention (No Underdrain)	8,240
103083	Los Angeles	W 41st St	Bioretention (No Underdrain)	4,291
103083	Los Angeles	W 42nd Pl	Bioretention (No Underdrain)	8,112
103083	Los Angeles	W 42nd St	Bioretention (No Underdrain)	10,319
103083	Los Angeles	W 43rd Pl	Bioretention (No Underdrain)	6,210
103083	Los Angeles	W 43rd St	Bioretention (No Underdrain)	9,222
103083	Los Angeles	W 45th St	Bioretention (No Underdrain)	4,911
103083	Los Angeles	W 46th St	Bioretention (No Underdrain)	5,659
103083	Los Angeles	W 47th St	Bioretention (No Underdrain)	4,933
103083	Los Angeles	W 48th St	Bioretention (No Underdrain)	11,026
103083	Los Angeles	W 49th St	Bioretention (No Underdrain)	7,967
103283	Los Angeles	W 50th St	Bioretention (No Underdrain)	4,419
103283	Los Angeles	W 51st Pl	Bioretention (No Underdrain)	40
103283	Los Angeles	W 51st St	Bioretention (No Underdrain)	4,099
103283	Los Angeles	W 52nd St	Bioretention (No Underdrain)	632
103283	Los Angeles	W 54th St	Bioretention (No Underdrain)	697
103283	Los Angeles	W Martin Luther King Jr Blvd	Bioretention (No Underdrain)	2,590
103283	Los Angeles	W Stocker St	Bioretention (No Underdrain)	91
103283	Los Angeles	W Vernon Ave	Bioretention (No Underdrain)	12,737
103783	Los Angeles	Walton Ave	Bioretention (No Underdrain)	2,597
103783	Los Angeles	Wesley Ave	Bioretention (No Underdrain)	1,142
104083	Los Angeles	(unknown)	Bioretention (No Underdrain)	59
105883	Los Angeles	2nd Ave	Bioretention (No Underdrain)	1,099
105883	Los Angeles	3rd Ave	Bioretention (No Underdrain)	694
106083	Los Angeles	4th Ave	Bioretention (No Underdrain)	695
106083	Los Angeles	5th Ave	Bioretention (No Underdrain)	666
106083	Los Angeles	6th Ave	Bioretention (No Underdrain)	33

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
106783	Los Angeles	Arlington Ave	Bioretention (No Underdrain)	1,273
106783	Los Angeles	Budlong Ave	Bioretention (No Underdrain)	2,861
106783	Los Angeles	Cimarron St	Bioretention (No Underdrain)	2,040
106783	Los Angeles	Denker Ave	Bioretention (No Underdrain)	3,930
106783	Los Angeles	Halldale Ave	Bioretention (No Underdrain)	2,328
106783	Los Angeles	Kansas Ave	Bioretention (No Underdrain)	2,325
106783	Los Angeles	Raymond Ave	Bioretention (No Underdrain)	4,453
106783	Los Angeles	Ruthelen St	Bioretention (No Underdrain)	2,460
106783	Los Angeles	S Budlong Ave	Bioretention (No Underdrain)	6,178
106783	Los Angeles	S Denker Ave	Bioretention (No Underdrain)	1,594
106783	Los Angeles	S Gramercy Pl	Bioretention (No Underdrain)	2,378
106783	Los Angeles	S Halldale Ave	Bioretention (No Underdrain)	1,604
106783	Los Angeles	S Harvard Blvd	Bioretention (No Underdrain)	1,599
106783	Los Angeles	S Hoover St	Bioretention (No Underdrain)	5,100
106783	Los Angeles	S Kansas Ave	Bioretention (No Underdrain)	1,681
106783	Los Angeles	S Manhattan Pl	Bioretention (No Underdrain)	1,114
106783	Los Angeles	S Manhatten Pl	Bioretention (No Underdrain)	1,500
106783	Los Angeles	S Normandie Ave	Bioretention (No Underdrain)	7,844
106783	Los Angeles	S Raymond Ave	Bioretention (No Underdrain)	1,705
106783	Los Angeles	S St Andrews Pl	Bioretention (No Underdrain)	2,620
106783	Los Angeles	S Van Ness Ave	Bioretention (No Underdrain)	1,947
106783	Los Angeles	S Van Ness Pl	Bioretention (No Underdrain)	916
106783	Los Angeles	S Vermont Ave	Bioretention (No Underdrain)	4,781
106783	Los Angeles	S Western Ave	Bioretention (No Underdrain)	3,898
106783	Los Angeles	S Wilton Pl	Bioretention (No Underdrain)	2,495
106783	Los Angeles	W 45th St	Bioretention (No Underdrain)	2,696
106783	Los Angeles	W 46th St	Bioretention (No Underdrain)	3,520
106783	Los Angeles	W 47th St	Bioretention (No Underdrain)	3,381
106783	Los Angeles	W 48th St	Bioretention (No Underdrain)	1,847
106783	Los Angeles	W 49th Pl	Bioretention (No Underdrain)	1,280
106783	Los Angeles	W 49th St	Bioretention (No Underdrain)	1,434
106783	Los Angeles	W 50th Pl	Bioretention (No Underdrain)	1,354
106783	Los Angeles	W 50th St	Bioretention (No Underdrain)	5,326
106783	Los Angeles	W 51st Pl	Bioretention (No Underdrain)	5,976
106783	Los Angeles	W 51st St	Bioretention (No Underdrain)	5,281
106783	Los Angeles	W 52nd Pl	Bioretention (No Underdrain)	1,293
106783	Los Angeles	W 52nd St	Bioretention (No Underdrain)	12,396
106783	Los Angeles	W 53rd St	Bioretention (No Underdrain)	7,879
106783	Los Angeles	W 54th St	Bioretention (No Underdrain)	11,748
106783	Los Angeles	W 55th St	Bioretention (No Underdrain)	7,914
106783	Los Angeles	W 56th St	Bioretention (No Underdrain)	7,904
106783	Los Angeles	W 57th St	Bioretention (No Underdrain)	10,521
106783	Los Angeles	W 58th Pl	Bioretention (No Underdrain)	3,968
106783	Los Angeles	W 58th St	Bioretention (No Underdrain)	7,903
106783	Los Angeles	W 59th Dr	Bioretention (No Underdrain)	650
106783	Los Angeles	W 59th Pl	Bioretention (No Underdrain)	4,622
106783	Los Angeles	W 59th St	Bioretention (No Underdrain)	5,345
106783	Los Angeles	W 60th Pl	Bioretention (No Underdrain)	5,295
106783	Los Angeles	W 60th St	Bioretention (No Underdrain)	5,972
106783	Los Angeles	W 61st St	Bioretention (No Underdrain)	3,986
106783	Los Angeles	W 62nd St	Bioretention (No Underdrain)	1,357
106783	Los Angeles	W 64th St	Bioretention (No Underdrain)	1,396
106783	Los Angeles	W Concordia Walk	Bioretention (No Underdrain)	59
106783	Los Angeles	W Gage Ave	Bioretention (No Underdrain)	1,395
106783	Los Angeles	W Slauson Ave	Bioretention (No Underdrain)	1,242

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
106783	Los Angeles	(unknown)	Bioretention (No Underdrain)	320
106783	Los Angeles	10th Ave	Bioretention (No Underdrain)	8,016
106783	Los Angeles	11th Ave	Bioretention (No Underdrain)	4,325
106783	Los Angeles	2nd Ave	Bioretention (No Underdrain)	6,315
106783	Los Angeles	3rd Ave	Bioretention (No Underdrain)	7,714
106783	Los Angeles	4th Ave	Bioretention (No Underdrain)	6,468
106783	Los Angeles	5th Ave	Bioretention (No Underdrain)	7,998
106983	Los Angeles	6th Ave	Bioretention (No Underdrain)	7,084
108083	Los Angeles	74th St	Bioretention (No Underdrain)	345
108083	Los Angeles	7th Ave	Bioretention (No Underdrain)	7,810
108083	Los Angeles	8th Ave	Bioretention (No Underdrain)	7,829
108083	Los Angeles	9th Ave	Bioretention (No Underdrain)	2,137
108083	Los Angeles	Arlington Ave	Bioretention (No Underdrain)	4,904
108083	Los Angeles	Bonsallo Ave	Bioretention (No Underdrain)	1,096
108083	Los Angeles	Brynhurst Ave	Bioretention (No Underdrain)	7,043
108083	Los Angeles	Budlong Ave	Bioretention (No Underdrain)	1,959
108083	Los Angeles	Chesley Ave	Bioretention (No Underdrain)	1,460
108083	Los Angeles	Cimarron St	Bioretention (No Underdrain)	11,511
108083	Los Angeles	Crenshaw Blvd	Bioretention (No Underdrain)	8,250
108183	Los Angeles	Deane Ave	Bioretention (No Underdrain)	178
108883	Los Angeles	Denker Ave	Bioretention (No Underdrain)	2,248
117583	Los Angeles	Denver Ave	Bioretention (No Underdrain)	589
117583	Los Angeles	E Florence Ave	Bioretention (No Underdrain)	0
117583	Los Angeles	Eileen Ave	Bioretention (No Underdrain)	170
117583	Los Angeles	Estrella Ave	Bioretention (No Underdrain)	571
117583	Los Angeles	Haas Ave	Bioretention (No Underdrain)	6,156
117583	Los Angeles	Halldale Ave	Bioretention (No Underdrain)	2,702
117583	Los Angeles	Hillcrest Dr	Bioretention (No Underdrain)	1,470
117583	Los Angeles	Hyde Park Blvd	Bioretention (No Underdrain)	5,020
117583	Los Angeles	Kansas Ave	Bioretention (No Underdrain)	1,598
117583	Los Angeles	Madden Ave	Bioretention (No Underdrain)	4,269
108887	Los Angeles	Menlo Ave	Bioretention (No Underdrain)	4,079
108887	Los Angeles	Raymond Ave	Bioretention (No Underdrain)	1,066
108887	Los Angeles	Ruthelen St	Bioretention (No Underdrain)	1,354
108887	Los Angeles	S 10th Ave	Bioretention (No Underdrain)	1
108887	Los Angeles	S 3rd Ave	Bioretention (No Underdrain)	43
108887	Los Angeles	S 5th Ave	Bioretention (No Underdrain)	46
108887	Los Angeles	S Budlong Ave	Bioretention (No Underdrain)	1,959
108887	Los Angeles	S Crenshaw Blvd	Bioretention (No Underdrain)	4,865
108887	Los Angeles	S Denker Ave	Bioretention (No Underdrain)	2,248
108887	Los Angeles	S Gramercy Pl	Bioretention (No Underdrain)	10,895
108887	Los Angeles	S Halldale Ave	Bioretention (No Underdrain)	2,702
108887	Los Angeles	S Harvard Blvd	Bioretention (No Underdrain)	2,677
108887	Los Angeles	S Hobart Blvd	Bioretention (No Underdrain)	464
108887	Los Angeles	S Hoover St	Bioretention (No Underdrain)	4,208
108887	Los Angeles	S Manhattan Pl	Bioretention (No Underdrain)	1,225
108887	Los Angeles	S Normandie Ave	Bioretention (No Underdrain)	1,523
108887	Los Angeles	S St Andrews Pl	Bioretention (No Underdrain)	9,761
108887	Los Angeles	S Van Ness Ave	Bioretention (No Underdrain)	6,854
108887	Los Angeles	S Van Ness Pl	Bioretention (No Underdrain)	359
108887	Los Angeles	S Vermont Ave	Bioretention (No Underdrain)	14,033
108887	Los Angeles	S Victoria Ave	Bioretention (No Underdrain)	7,748
108887	Los Angeles	S Western Ave	Bioretention (No Underdrain)	8,517
108887	Los Angeles	S Wilton Pl	Bioretention (No Underdrain)	3,826
108887	Los Angeles	Southwest Dr	Bioretention (No Underdrain)	3,063

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
108887	Los Angeles	W 52nd St	Bioretention (No Underdrain)	2
108887	Los Angeles	W 54th St	Bioretention (No Underdrain)	930
108887	Los Angeles	W 57th St	Bioretention (No Underdrain)	4,997
108887	Los Angeles	W 58th Pl	Bioretention (No Underdrain)	1,971
108887	Los Angeles	W 59th Dr	Bioretention (No Underdrain)	26
108887	Los Angeles	W 59th Pl	Bioretention (No Underdrain)	4,616
108887	Los Angeles	W 59th St	Bioretention (No Underdrain)	7,995
109087	Los Angeles	W 60th St	Bioretention (No Underdrain)	9,322
109087	Los Angeles	W 61st St	Bioretention (No Underdrain)	3,102
109087	Los Angeles	W 62nd Pl	Bioretention (No Underdrain)	1,347
109087	Los Angeles	W 62nd St	Bioretention (No Underdrain)	11,215
109087	Los Angeles	W 63rd Pl	Bioretention (No Underdrain)	923
109087	Los Angeles	W 63rd St	Bioretention (No Underdrain)	2,645
109087	Los Angeles	W 64th St	Bioretention (No Underdrain)	8,413
109087	Los Angeles	W 65th Pl	Bioretention (No Underdrain)	9,350
109087	Los Angeles	W 65th St	Bioretention (No Underdrain)	8,738
109087	Los Angeles	W 66th Pl	Bioretention (No Underdrain)	405
109087	Los Angeles	W 66th St	Bioretention (No Underdrain)	9,363
109087	Los Angeles	W 67th St	Bioretention (No Underdrain)	12,512
109087	Los Angeles	W 68th St	Bioretention (No Underdrain)	7,891
109087	Los Angeles	W 69th St	Bioretention (No Underdrain)	4,505
109087	Los Angeles	W 70th St	Bioretention (No Underdrain)	6,517
109087	Los Angeles	W 71st St	Bioretention (No Underdrain)	6,217
109087	Los Angeles	W 73rd St	Bioretention (No Underdrain)	8,185
109087	Los Angeles	W 74th Pl	Bioretention (No Underdrain)	9
109087	Los Angeles	W 74th St	Bioretention (No Underdrain)	8,140
109087	Los Angeles	W 75th Pl	Bioretention (No Underdrain)	7
109087	Los Angeles	W 75th St	Bioretention (No Underdrain)	7,319
109187	Los Angeles	W 76th St	Bioretention (No Underdrain)	6,975
109187	Los Angeles	W 77th St	Bioretention (No Underdrain)	4,608
109187	Los Angeles	W 78th Pl	Bioretention (No Underdrain)	4,616
109187	Los Angeles	W 78th St	Bioretention (No Underdrain)	4,620
109187	Los Angeles	W 79th St	Bioretention (No Underdrain)	4,649
109187	Los Angeles	W 80th St	Bioretention (No Underdrain)	2,645
109187	Los Angeles	W 81st St	Bioretention (No Underdrain)	2,648
109187	Los Angeles	W 82nd St	Bioretention (No Underdrain)	2,635
109187	Los Angeles	W 83rd St	Bioretention (No Underdrain)	2,644
109187	Los Angeles	W 84th Pl	Bioretention (No Underdrain)	2,655
109187	Los Angeles	W 84th St	Bioretention (No Underdrain)	2,643
109187	Los Angeles	W 85th St	Bioretention (No Underdrain)	2,629
109187	Los Angeles	W 88th St	Bioretention (No Underdrain)	1,611
109187	Los Angeles	W 89th St	Bioretention (No Underdrain)	1,501
109187	Los Angeles	W 90th St	Bioretention (No Underdrain)	5
109187	Los Angeles	W Florence Ave	Bioretention (No Underdrain)	9,635
109187	Los Angeles	W Gage Ave	Bioretention (No Underdrain)	9,997
109187	Los Angeles	W Slauson Ave	Bioretention (No Underdrain)	8,346
109187	Los Angeles	West Blvd	Bioretention (No Underdrain)	2,339
109187	Los Angeles	Brighton Ave	Bioretention (No Underdrain)	2,653
109187	Los Angeles	Budlong Ave	Bioretention (No Underdrain)	4,361
109187	Los Angeles	Dalton Ave	Bioretention (No Underdrain)	2,643
109187	Los Angeles	Denker Ave	Bioretention (No Underdrain)	2,714
109187	Los Angeles	Halldale Ave	Bioretention (No Underdrain)	6,304
109187	Los Angeles	Kansas Ave	Bioretention (No Underdrain)	1,924
109187	Los Angeles	Raymond Ave	Bioretention (No Underdrain)	3,460
109187	Los Angeles	S Budlong Ave	Bioretention (No Underdrain)	4,361

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Los Angeles	S Denker Ave	Bioretention (No Underdrain)	2,714
109187	Los Angeles	S Halldale Ave	Bioretention (No Underdrain)	6,304
109187	Los Angeles	S Mariposa Ave	Bioretention (No Underdrain)	1,318
109187	Los Angeles	S Normandie Ave	Bioretention (No Underdrain)	5,822
109187	Los Angeles	S Vermont Ave	Bioretention (No Underdrain)	4,449
109187	Los Angeles	W 67th St	Bioretention (No Underdrain)	10
109187	Los Angeles	W 68th St	Bioretention (No Underdrain)	1,365
109187	Los Angeles	W 69th St	Bioretention (No Underdrain)	3,926
109187	Los Angeles	W 70th St	Bioretention (No Underdrain)	3,155
109187	Los Angeles	W 71st St	Bioretention (No Underdrain)	3,110
109187	Los Angeles	W 73rd St	Bioretention (No Underdrain)	2,591
109187	Los Angeles	W 74th St	Bioretention (No Underdrain)	3,942
109187	Los Angeles	W 75th St	Bioretention (No Underdrain)	1,929
109187	Los Angeles	W 76th St	Bioretention (No Underdrain)	3,925
109187	Los Angeles	W 77th St	Bioretention (No Underdrain)	2,618
109187	Los Angeles	W 78th St	Bioretention (No Underdrain)	3,932
109187	Los Angeles	W 79th St	Bioretention (No Underdrain)	3,523
109187	Los Angeles	W 80th St	Bioretention (No Underdrain)	2,324
109187	Los Angeles	W 81st Pl	Bioretention (No Underdrain)	1,109
109187	Los Angeles	W 81st St	Bioretention (No Underdrain)	2,686
109187	Los Angeles	W 82nd St	Bioretention (No Underdrain)	2,353
109187	Los Angeles	W 83rd St	Bioretention (No Underdrain)	2,649
109187	Los Angeles	W 84th Pl	Bioretention (No Underdrain)	1,343
109187	Los Angeles	W 84th St	Bioretention (No Underdrain)	1,355
109187	Los Angeles	W 85th St	Bioretention (No Underdrain)	1,141
109187	Los Angeles	W Florence Ave	Bioretention (No Underdrain)	3,263
109187	Los Angeles	Dalton Ave	Bioretention (No Underdrain)	8
109187	Los Angeles	Denker Ave	Bioretention (No Underdrain)	3,612
109187	Los Angeles	la Salle Ave	Bioretention (No Underdrain)	2,649
109187	Los Angeles	S Denker Ave	Bioretention (No Underdrain)	3,612
109187	Los Angeles	S Harvard Blvd	Bioretention (No Underdrain)	5,982
109187	Los Angeles	S Hobart Blvd	Bioretention (No Underdrain)	3,347
109187	Los Angeles	S St Andrews Pl	Bioretention (No Underdrain)	937
109187	Los Angeles	S Western Ave	Bioretention (No Underdrain)	1,581
109187	Los Angeles	W 69th St	Bioretention (No Underdrain)	41
109187	Los Angeles	W 70th St	Bioretention (No Underdrain)	1,254
109187	Los Angeles	W 71st St	Bioretention (No Underdrain)	1,373
109187	Los Angeles	W 74th St	Bioretention (No Underdrain)	1,295
109187	Los Angeles	W 76th St	Bioretention (No Underdrain)	1,306
109187	Los Angeles	W 78th St	Bioretention (No Underdrain)	1,294
109187	Los Angeles	W 79th St	Bioretention (No Underdrain)	1,248
109187	Los Angeles	W 80th St	Bioretention (No Underdrain)	1,320
109187	Los Angeles	W 81st St	Bioretention (No Underdrain)	1,366
109187	Los Angeles	W 82nd St	Bioretention (No Underdrain)	1,354
109187	Los Angeles	W 83rd St	Bioretention (No Underdrain)	1,333
109187	Los Angeles	W 84th Pl	Bioretention (No Underdrain)	1,306
109187	Los Angeles	W 84th St	Bioretention (No Underdrain)	1,325
109187	Los Angeles	W 85th St	Bioretention (No Underdrain)	1,541
109187	Los Angeles	W 87th St	Bioretention (No Underdrain)	663
109187	Los Angeles	W 88th Pl	Bioretention (No Underdrain)	372
109187	Los Angeles	W 88th St	Bioretention (No Underdrain)	663
109187	Los Angeles	W 89th St	Bioretention (No Underdrain)	606
109187	Los Angeles	W Florence Ave	Bioretention (No Underdrain)	1,361
109187	Los Angeles	Alvira St	Bioretention (No Underdrain)	227
109187	Los Angeles	Cattaraugus Ave	Bioretention (No Underdrain)	2,120

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Los Angeles	Chariton St	Bioretention (No Underdrain)	361
109187	Los Angeles	Cullen St	Bioretention (No Underdrain)	394
109187	Los Angeles	Curtis Ave	Bioretention (No Underdrain)	559
109187	Los Angeles	Curts Ave	Bioretention (No Underdrain)	559
109187	Los Angeles	Fay Ave	Bioretention (No Underdrain)	626
109187	Los Angeles	Hargis St	Bioretention (No Underdrain)	1,968
109187	Los Angeles	Helms Ave	Bioretention (No Underdrain)	843
109287	Los Angeles	Helms Pl	Bioretention (No Underdrain)	606
109287	Los Angeles	Hervey St	Bioretention (No Underdrain)	271
109287	Los Angeles	Hutchison Ave	Bioretention (No Underdrain)	942
109287	Los Angeles	Ivy St	Bioretention (No Underdrain)	586
109287	Los Angeles	Kramerwood Pl	Bioretention (No Underdrain)	672
109287	Los Angeles	la Cienega Ave	Bioretention (No Underdrain)	1,057
109287	Los Angeles	McManus Ave	Bioretention (No Underdrain)	440
109287	Los Angeles	Melvil St	Bioretention (No Underdrain)	1,050
109287	Los Angeles	Olin St	Bioretention (No Underdrain)	710
109287	Los Angeles	Reynier Ave	Bioretention (No Underdrain)	634
109287	Los Angeles	Robertson Pl	Bioretention (No Underdrain)	16
109287	Los Angeles	S Corning St	Bioretention (No Underdrain)	938
109287	Los Angeles	S Garth Ave	Bioretention (No Underdrain)	561
109287	Los Angeles	S Halm Ave	Bioretention (No Underdrain)	707
109287	Los Angeles	S Holt Ave	Bioretention (No Underdrain)	510
109287	Los Angeles	S Shenandoah St	Bioretention (No Underdrain)	540
109287	Los Angeles	S Sherbourne Dr	Bioretention (No Underdrain)	425
109287	Los Angeles	Vera Ave	Bioretention (No Underdrain)	591
109287	Los Angeles	(unknown)	Bioretention (No Underdrain)	2,485
109287	Los Angeles	Airdrome St	Bioretention (No Underdrain)	5,577
109287	Los Angeles	Alcott St	Bioretention (No Underdrain)	4,951
109287	Los Angeles	Alden Dr	Bioretention (No Underdrain)	180
109287	Los Angeles	Arnaz Dr	Bioretention (No Underdrain)	590
109287	Los Angeles	Bagley Ave	Bioretention (No Underdrain)	2,750
109287	Los Angeles	Barton Ave	Bioretention (No Underdrain)	942
109287	Los Angeles	Beverly Blvd	Bioretention (No Underdrain)	6,521
109287	Los Angeles	Beverlywood St	Bioretention (No Underdrain)	3,289
109287	Los Angeles	Blackburn Ave	Bioretention (No Underdrain)	1,997
109287	Los Angeles	Bolton Rd	Bioretention (No Underdrain)	716
109287	Los Angeles	Burton Way	Bioretention (No Underdrain)	2,198
109287	Los Angeles	Cadillac Ave	Bioretention (No Underdrain)	3,583
109287	Los Angeles	Capistrano Way	Bioretention (No Underdrain)	125
103275	Los Angeles	Cardiff Ave	Bioretention (No Underdrain)	2,863
103275	Los Angeles	Cashio St	Bioretention (No Underdrain)	6,152
103275	Los Angeles	Chalmers Dr	Bioretention (No Underdrain)	1,810
103275	Los Angeles	Chariton St	Bioretention (No Underdrain)	1,845
103275	Los Angeles	Clinton St	Bioretention (No Underdrain)	3,120
103275	Los Angeles	Colgate Ave	Bioretention (No Underdrain)	4,723
103275	Los Angeles	Commodore Sloat Dr	Bioretention (No Underdrain)	458
103275	Los Angeles	Cresta Dr	Bioretention (No Underdrain)	2,384
103275	Los Angeles	David Ave	Bioretention (No Underdrain)	1,804
103275	Los Angeles	Dayton Way	Bioretention (No Underdrain)	11
103275	Los Angeles	Drexel Ave	Bioretention (No Underdrain)	4,340
103275	Los Angeles	Duxbury Cir	Bioretention (No Underdrain)	33
103275	Los Angeles	Duxbury Rd	Bioretention (No Underdrain)	817
103275	Los Angeles	Edris Dr	Bioretention (No Underdrain)	282
103275	Los Angeles	Eleanor Ave	Bioretention (No Underdrain)	199
103275	Los Angeles	Gibson St	Bioretention (No Underdrain)	965

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103275	Los Angeles	Glenville Dr	Bioretention (No Underdrain)	2,480
103275	Los Angeles	Gregory Way	Bioretention (No Underdrain)	1,593
103275	Los Angeles	Guthrie Ave	Bioretention (No Underdrain)	3,374
103275	Los Angeles	Guthrie Cir	Bioretention (No Underdrain)	44
103275	Los Angeles	Guthrie Dr	Bioretention (No Underdrain)	1,074
103275	Los Angeles	Hauser Blvd	Bioretention (No Underdrain)	2,152
103275	Los Angeles	Hayes Dr	Bioretention (No Underdrain)	760
103275	Los Angeles	Hillsboro Ave	Bioretention (No Underdrain)	2,791
103275	Los Angeles	Hillsboro Dr	Bioretention (No Underdrain)	673
103275	Los Angeles	Horner St	Bioretention (No Underdrain)	1,626
103275	Los Angeles	Key St	Bioretention (No Underdrain)	499
103275	Los Angeles	Kirkside Rd	Bioretention (No Underdrain)	1,235
103275	Los Angeles	Larke Ellen Cir	Bioretention (No Underdrain)	1,234
101483	Los Angeles	Le Doux Rd	Bioretention (No Underdrain)	483
101583	Los Angeles	Lindenhurst Ave	Bioretention (No Underdrain)	2,856
101583	Los Angeles	Livonia Ave	Bioretention (No Underdrain)	3,708
101583	Los Angeles	Maryland Dr	Bioretention (No Underdrain)	3,160
101583	Los Angeles	Masselin Ave	Bioretention (No Underdrain)	18
101583	Los Angeles	Melrose Ave	Bioretention (No Underdrain)	1,666
101583	Los Angeles	Monte Mar Dr	Bioretention (No Underdrain)	2,793
101583	Los Angeles	Moore Dr	Bioretention (No Underdrain)	840
102383	Los Angeles	N Alta Vista Blvd	Bioretention (No Underdrain)	758
102383	Los Angeles	N Cherokee Ave	Bioretention (No Underdrain)	2,472
102383	Los Angeles	N Citrus Ave	Bioretention (No Underdrain)	1,975
102583	Los Angeles	N Crescent Heights Blvd	Bioretention (No Underdrain)	630
102583	Los Angeles	N Detroit St	Bioretention (No Underdrain)	1,685
102583	Los Angeles	N Fairfax Ave	Bioretention (No Underdrain)	708
102583	Los Angeles	N Formosa Ave	Bioretention (No Underdrain)	1,688
102583	Los Angeles	N Fuller Ave	Bioretention (No Underdrain)	761
102583	Los Angeles	N Gardner St	Bioretention (No Underdrain)	1,594
102583	Los Angeles	N Hamel Dr	Bioretention (No Underdrain)	0
102583	Los Angeles	N Hayworth Ave	Bioretention (No Underdrain)	619
102583	Los Angeles	N Highland Ave	Bioretention (No Underdrain)	5,295
102583	Los Angeles	N Hudson Ave	Bioretention (No Underdrain)	1,594
102583	Los Angeles	N June St	Bioretention (No Underdrain)	4,047
102583	Los Angeles	N Kilkea Dr	Bioretention (No Underdrain)	638
102583	Los Angeles	N la Brea Ave	Bioretention (No Underdrain)	1,974
102583	Los Angeles	N la Cienega Blvd	Bioretention (No Underdrain)	1
102583	Los Angeles	N Las Palmas Ave	Bioretention (No Underdrain)	4,490
102583	Los Angeles	N Laurel Ave	Bioretention (No Underdrain)	621
102583	Los Angeles	N Le Doux Rd	Bioretention (No Underdrain)	0
102583	Los Angeles	N Mansfield Ave	Bioretention (No Underdrain)	2,006
102583	Los Angeles	N Martel Ave	Bioretention (No Underdrain)	763
102583	Los Angeles	N Mc Cadden Pl	Bioretention (No Underdrain)	3,310
102583	Los Angeles	N McCadden Pl	Bioretention (No Underdrain)	3,842
102583	Los Angeles	N Orange Dr	Bioretention (No Underdrain)	1,976
102583	Los Angeles	N Poinsettia Pl	Bioretention (No Underdrain)	759
102583	Los Angeles	N Robertson Blvd	Bioretention (No Underdrain)	833
102883	Los Angeles	N San Vicente Blvd	Bioretention (No Underdrain)	56
102883	Los Angeles	N Stanley Dr	Bioretention (No Underdrain)	0
102883	Los Angeles	N Sycamore Ave	Bioretention (No Underdrain)	1,981
102883	Los Angeles	N Vista St	Bioretention (No Underdrain)	765
102883	Los Angeles	Oakmore Rd	Bioretention (No Underdrain)	1,192
102883	Los Angeles	Oakwood Ave	Bioretention (No Underdrain)	553
102883	Los Angeles	Olin St	Bioretention (No Underdrain)	1,474

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102883	Los Angeles	Olympic Pl	Bioretention (No Underdrain)	323
102883	Los Angeles	Orange Ave	Bioretention (No Underdrain)	2,167
102883	Los Angeles	Orange St	Bioretention (No Underdrain)	3,301
102883	Los Angeles	Packard St	Bioretention (No Underdrain)	760
102883	Los Angeles	Pickford Pl	Bioretention (No Underdrain)	209
102883	Los Angeles	Pickford St	Bioretention (No Underdrain)	4,429
102883	Los Angeles	Preuss Rd	Bioretention (No Underdrain)	3,589
102883	Los Angeles	Reeves St	Bioretention (No Underdrain)	1,404
102883	Los Angeles	Rexford Dr	Bioretention (No Underdrain)	787
102883	Los Angeles	Reynier Ave	Bioretention (No Underdrain)	750
102883	Los Angeles	Robertson Blvd	Bioretention (No Underdrain)	833
102883	Los Angeles	Romaine St	Bioretention (No Underdrain)	1,924
102883	Los Angeles	Rosewood Ave	Bioretention (No Underdrain)	3,022
102883	Los Angeles	S Alfred St	Bioretention (No Underdrain)	2,301
102883	Los Angeles	S Almont Dr	Bioretention (No Underdrain)	121
102883	Los Angeles	S Alta Vista Blvd	Bioretention (No Underdrain)	1,568
102883	Los Angeles	S Bedford St	Bioretention (No Underdrain)	9,684
102883	Los Angeles	S Beverly Dr	Bioretention (No Underdrain)	4,105
102883	Los Angeles	S Burnside Ave	Bioretention (No Underdrain)	118
102883	Los Angeles	S Canfield Ave	Bioretention (No Underdrain)	3,334
102883	Los Angeles	S Carson Rd	Bioretention (No Underdrain)	0
102883	Los Angeles	S Clark Dr	Bioretention (No Underdrain)	900
102883	Los Angeles	S Cloverdale Ave	Bioretention (No Underdrain)	32
102883	Los Angeles	S Cochran Ave	Bioretention (No Underdrain)	35
102883	Los Angeles	S Corning St	Bioretention (No Underdrain)	6,013
102883	Los Angeles	S Crescent Heights Blvd	Bioretention (No Underdrain)	2,170
102883	Los Angeles	S Crest Dr	Bioretention (No Underdrain)	4,056
102883	Los Angeles	S Curson Ave	Bioretention (No Underdrain)	21
102883	Los Angeles	S Detroit St	Bioretention (No Underdrain)	1,713
102883	Los Angeles	S Doheny Dr	Bioretention (No Underdrain)	2,188
102883	Los Angeles	S Durango Ave	Bioretention (No Underdrain)	3,612
102883	Los Angeles	S Edinburgh Ave	Bioretention (No Underdrain)	1,142
102883	Los Angeles	S Fairfax Ave	Bioretention (No Underdrain)	3,833
102883	Los Angeles	S Formosa Ave	Bioretention (No Underdrain)	1,667
102883	Los Angeles	S Fuller Ave	Bioretention (No Underdrain)	1,439
102883	Los Angeles	S Gardner St	Bioretention (No Underdrain)	1,167
102883	Los Angeles	S Garth Ave	Bioretention (No Underdrain)	3,663
102883	Los Angeles	S Halm Ave	Bioretention (No Underdrain)	1,570
102883	Los Angeles	S Hamel Dr	Bioretention (No Underdrain)	0
102883	Los Angeles	S Hamel Rd	Bioretention (No Underdrain)	588
102883	Los Angeles	S Hayworth Ave	Bioretention (No Underdrain)	843
102883	Los Angeles	S Holt Ave	Bioretention (No Underdrain)	10,412
102883	Los Angeles	S Kilkea Dr	Bioretention (No Underdrain)	734
102883	Los Angeles	S la Cienega Blvd	Bioretention (No Underdrain)	8,398
102883	Los Angeles	S la Jolla Ave	Bioretention (No Underdrain)	3,180
102883	Los Angeles	S la Peer Dr	Bioretention (No Underdrain)	787
102883	Los Angeles	S Laurel Ave	Bioretention (No Underdrain)	844
103083	Los Angeles	S Le Doux Rd	Bioretention (No Underdrain)	473
103083	Los Angeles	S Maple Dr	Bioretention (No Underdrain)	0
103083	Los Angeles	S Martel Ave	Bioretention (No Underdrain)	1,306
103083	Los Angeles	S Oakhurst Dr	Bioretention (No Underdrain)	2,626
103083	Los Angeles	S Ogden Dr	Bioretention (No Underdrain)	828
103083	Los Angeles	S Orlando Ave	Bioretention (No Underdrain)	2,438
103083	Los Angeles	S Poinsettia Pl	Bioretention (No Underdrain)	1,483
103083	Los Angeles	S Preuss Rd	Bioretention (No Underdrain)	2,114

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103083	Los Angeles	S Ridgeley Dr	Bioretention (No Underdrain)	17
103083	Los Angeles	S Robertson Blvd	Bioretention (No Underdrain)	7,219
103083	Los Angeles	S San Vicente Blvd	Bioretention (No Underdrain)	2,839
103083	Los Angeles	S Shenandoah St	Bioretention (No Underdrain)	10,165
103083	Los Angeles	S Sherbourne Dr	Bioretention (No Underdrain)	9,134
103083	Los Angeles	S Sierra Bonita Ave	Bioretention (No Underdrain)	41
103083	Los Angeles	S Spaulding Ave	Bioretention (No Underdrain)	3
103083	Los Angeles	S Stanley Dr	Bioretention (No Underdrain)	0
103083	Los Angeles	S Swall Dr	Bioretention (No Underdrain)	835
103083	Los Angeles	S Sweetzer Ave	Bioretention (No Underdrain)	3,125
103083	Los Angeles	S Vista St	Bioretention (No Underdrain)	561
103083	Los Angeles	S Wetherly Dr	Bioretention (No Underdrain)	782
103083	Los Angeles	S Willaman Dr	Bioretention (No Underdrain)	586
103083	Los Angeles	S Wooster St	Bioretention (No Underdrain)	6,769
103083	Los Angeles	San Vicente Blvd	Bioretention (No Underdrain)	511
103083	Los Angeles	Santa Ynez Way	Bioretention (No Underdrain)	820
103083	Los Angeles	Saturn St	Bioretention (No Underdrain)	1,608
103083	Los Angeles	Sawyer St	Bioretention (No Underdrain)	5,617
103083	Los Angeles	Schumacher Dr	Bioretention (No Underdrain)	2,155
103083	Los Angeles	Seward St	Bioretention (No Underdrain)	1,867
103083	Los Angeles	Stanley Ave	Bioretention (No Underdrain)	250
103083	Los Angeles	State Rte 170	Bioretention (No Underdrain)	1,363
103083	Los Angeles	The Grove Dr	Bioretention (No Underdrain)	250
103083	Los Angeles	Venice Blvd	Bioretention (No Underdrain)	329
103083	Los Angeles	W 18th St	Bioretention (No Underdrain)	2,947
103083	Los Angeles	W 1st St	Bioretention (No Underdrain)	2,369
103083	Los Angeles	W 24th St	Bioretention (No Underdrain)	1,816
103083	Los Angeles	W 25th St	Bioretention (No Underdrain)	1,829
103083	Los Angeles	W 2nd St	Bioretention (No Underdrain)	2,053
103083	Los Angeles	W 3rd St	Bioretention (No Underdrain)	7,036
103083	Los Angeles	W 4th St	Bioretention (No Underdrain)	2,211
103083	Los Angeles	W 5th St	Bioretention (No Underdrain)	3,201
103083	Los Angeles	W 6th St	Bioretention (No Underdrain)	5,095
103083	Los Angeles	W Clinton St	Bioretention (No Underdrain)	295
103083	Los Angeles	W Olympic Blvd	Bioretention (No Underdrain)	3,537
103083	Los Angeles	W Orange St	Bioretention (No Underdrain)	1,134
103083	Los Angeles	W Pico Blvd	Bioretention (No Underdrain)	6,118
103083	Los Angeles	W Rosewood Ave	Bioretention (No Underdrain)	511
103083	Los Angeles	W Wilshire Blvd	Bioretention (No Underdrain)	178
103083	Los Angeles	Waring Ave	Bioretention (No Underdrain)	1,937
103083	Los Angeles	Whitworth Dr	Bioretention (No Underdrain)	5,079
103083	Los Angeles	Willoughby Ave	Bioretention (No Underdrain)	2,240
103083	Los Angeles	Wilshire Blvd	Bioretention (No Underdrain)	1,882
103083	Los Angeles	(unknown)	Bioretention (No Underdrain)	70
103083	Los Angeles	Beverly Blvd	Bioretention (No Underdrain)	735
103083	Los Angeles	Clinton St	Bioretention (No Underdrain)	735
103083	Los Angeles	N Edinburgh Ave	Bioretention (No Underdrain)	3,416
103083	Los Angeles	N Fairfax Ave	Bioretention (No Underdrain)	2,341
103083	Los Angeles	N Hayworth Ave	Bioretention (No Underdrain)	2,797
103083	Los Angeles	N Ogden Dr	Bioretention (No Underdrain)	11
103083	Los Angeles	N Orange Grove Ave	Bioretention (No Underdrain)	52
103083	Los Angeles	Oakwood Ave	Bioretention (No Underdrain)	770
103083	Los Angeles	Rosewood Ave	Bioretention (No Underdrain)	1,632
103283	Los Angeles	S Edinburgh Ave	Bioretention (No Underdrain)	38
103283	Los Angeles	W 1st St	Bioretention (No Underdrain)	302

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103283	Los Angeles	N Citrus Ave	Biofiltration (Underdrain)	730
103283	Los Angeles	N Highland Ave	Biofiltration (Underdrain)	1,453
103283	Los Angeles	N la Brea Ave	Biofiltration (Underdrain)	741
103283	Los Angeles	N Las Palmas Ave	Biofiltration (Underdrain)	719
103283	Los Angeles	N Mansfield Ave	Biofiltration (Underdrain)	732
103283	Los Angeles	N Mc Cadden Pl	Biofiltration (Underdrain)	729
103783	Los Angeles	N McCadden Pl	Biofiltration (Underdrain)	729
103783	Los Angeles	N Orange Dr	Biofiltration (Underdrain)	735
104083	Los Angeles	N Sycamore Ave	Biofiltration (Underdrain)	738
105883	Los Angeles	Oakwood Ave	Biofiltration (Underdrain)	2,919
105883	Los Angeles	N Alta Vista Blvd	Biofiltration (Underdrain)	932
106083	Los Angeles	N Fuller Ave	Biofiltration (Underdrain)	933
106083	Los Angeles	N Martel Ave	Biofiltration (Underdrain)	934
106083	Los Angeles	N Poinsettia Pl	Biofiltration (Underdrain)	933
106783	Los Angeles	N Vista St	Biofiltration (Underdrain)	934
106783	Los Angeles	S Alta Vista Blvd	Biofiltration (Underdrain)	67
106783	Los Angeles	S Fuller Ave	Biofiltration (Underdrain)	17
106783	Los Angeles	S Martel Ave	Biofiltration (Underdrain)	16
106783	Los Angeles	S Poinsettia Pl	Biofiltration (Underdrain)	18
106783	Los Angeles	S Vista St	Biofiltration (Underdrain)	679
106783	Los Angeles	W 1st St	Biofiltration (Underdrain)	1,883
106783	Los Angeles	(unknown)	Biofiltration (Underdrain)	719
106783	Los Angeles	Achilles Dr	Biofiltration (Underdrain)	853
106783	Los Angeles	Allenwood Rd	Biofiltration (Underdrain)	1,035
106783	Los Angeles	Amor Rd	Biofiltration (Underdrain)	263
106783	Los Angeles	Apollo Dr	Biofiltration (Underdrain)	231
106783	Los Angeles	Appian Way	Biofiltration (Underdrain)	463
106783	Los Angeles	Astral Dr	Biofiltration (Underdrain)	130
106783	Los Angeles	Baseline Trl	Biofiltration (Underdrain)	114
106783	Los Angeles	Beech Knoll Rd	Biofiltration (Underdrain)	21
106783	Los Angeles	Bellgave Pl	Biofiltration (Underdrain)	55
106783	Los Angeles	Beverly Blvd	Biofiltration (Underdrain)	2,212
106783	Los Angeles	Bonita Ter	Biofiltration (Underdrain)	135
106783	Los Angeles	Briar Summit Dr	Biofiltration (Underdrain)	268
106783	Los Angeles	Brier Dr	Biofiltration (Underdrain)	154
106783	Los Angeles	Byron Pl	Biofiltration (Underdrain)	186
106783	Los Angeles	Cahuenga Blvd E	Biofiltration (Underdrain)	99
106783	Los Angeles	Cahuenga Blvd W	Biofiltration (Underdrain)	849
106783	Los Angeles	Cahuenga Ter	Biofiltration (Underdrain)	35
106783	Los Angeles	Camino Palmero St	Biofiltration (Underdrain)	741
106783	Los Angeles	Camrose Dr	Biofiltration (Underdrain)	500
106783	Los Angeles	Cardwell Pl	Biofiltration (Underdrain)	167
106783	Los Angeles	Carman Crest Dr	Biofiltration (Underdrain)	77
106783	Los Angeles	Carmar Dr	Biofiltration (Underdrain)	1,299
106783	Los Angeles	Carmar Pl	Biofiltration (Underdrain)	94
106783	Los Angeles	Cassil Pl	Biofiltration (Underdrain)	520
106783	Los Angeles	Castilian Dr	Biofiltration (Underdrain)	66
106783	Los Angeles	Cervantes Pl	Biofiltration (Underdrain)	6
106783	Los Angeles	Chandelle Pl	Biofiltration (Underdrain)	127
106783	Los Angeles	Chandelle Rd	Biofiltration (Underdrain)	528
106783	Los Angeles	Charl Ln	Biofiltration (Underdrain)	76
106783	Los Angeles	Charl Pl	Biofiltration (Underdrain)	129
106783	Los Angeles	Chelan Dr	Biofiltration (Underdrain)	54
106783	Los Angeles	Clinton St	Biofiltration (Underdrain)	4,289
106783	Los Angeles	Colecrest Dr	Biofiltration (Underdrain)	36

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
106783	Los Angeles	Coreyell Pl	Biofiltration (Underdrain)	234
106783	Los Angeles	Courtney Ave	Biofiltration (Underdrain)	1,693
106783	Los Angeles	Crescent Dr	Biofiltration (Underdrain)	68
106783	Los Angeles	Crest View Dr	Biofiltration (Underdrain)	670
106783	Los Angeles	Curson Ave	Biofiltration (Underdrain)	49
106783	Los Angeles	Curson Pl	Biofiltration (Underdrain)	56
106783	Los Angeles	Curson Ter	Biofiltration (Underdrain)	31
106783	Los Angeles	de Longpre Ave	Biofiltration (Underdrain)	5,631
106783	Los Angeles	Devista Dr	Biofiltration (Underdrain)	251
106783	Los Angeles	Diane Way	Biofiltration (Underdrain)	19
106783	Los Angeles	Dominion Way	Biofiltration (Underdrain)	9
106783	Los Angeles	Eastwood Rd	Biofiltration (Underdrain)	62
106783	Los Angeles	Edwin Dr	Biofiltration (Underdrain)	638
106783	Los Angeles	el Cerrito Pl	Biofiltration (Underdrain)	1,732
106783	Los Angeles	el Rita Dr	Biofiltration (Underdrain)	64
106783	Los Angeles	Electra Dr	Biofiltration (Underdrain)	109
106783	Los Angeles	Fareholm Dr	Biofiltration (Underdrain)	116
106783	Los Angeles	Firenze Ave	Biofiltration (Underdrain)	14
106783	Los Angeles	Firenze Pl	Biofiltration (Underdrain)	13
106783	Los Angeles	Floye Dr	Biofiltration (Underdrain)	244
106783	Los Angeles	Flynn Ranch Rd	Biofiltration (Underdrain)	18
106983	Los Angeles	Fountain Ave	Biofiltration (Underdrain)	2,501
108083	Los Angeles	Franklin Ave	Biofiltration (Underdrain)	4,714
108083	Los Angeles	Franklin Pl	Biofiltration (Underdrain)	439
108083	Los Angeles	Genesee Ave	Biofiltration (Underdrain)	50
108083	Los Angeles	Glencoe Way	Biofiltration (Underdrain)	4
108083	Los Angeles	Grace Ave	Biofiltration (Underdrain)	640
108083	Los Angeles	Grandview Dr	Biofiltration (Underdrain)	78
108083	Los Angeles	Green View Pl	Biofiltration (Underdrain)	216
108083	Los Angeles	Greenvalley Rd	Biofiltration (Underdrain)	245
108083	Los Angeles	Groveland Dr	Biofiltration (Underdrain)	29
108083	Los Angeles	Harlesden Ct	Biofiltration (Underdrain)	23
108083	Los Angeles	Hawthorn Ave	Biofiltration (Underdrain)	5,220
108183	Los Angeles	Hemet Pl	Biofiltration (Underdrain)	180
108883	Los Angeles	Hercules Dr	Biofiltration (Underdrain)	1,382
117583	Los Angeles	Hermes Dr	Biofiltration (Underdrain)	123
117583	Los Angeles	High Tower Dr	Biofiltration (Underdrain)	133
117583	Los Angeles	Higman Ave	Biofiltration (Underdrain)	203
117583	Los Angeles	Hillcrest Rd	Biofiltration (Underdrain)	546
117583	Los Angeles	Hillside Ave	Biofiltration (Underdrain)	1,117
117583	Los Angeles	Holly Pl	Biofiltration (Underdrain)	14
117583	Los Angeles	Hollycrest Pl	Biofiltration (Underdrain)	31
117583	Los Angeles	Hollywood Blvd	Biofiltration (Underdrain)	9,558
117583	Los Angeles	Hollywood Hills Rd	Biofiltration (Underdrain)	62
117583	Los Angeles	Honey Dr	Biofiltration (Underdrain)	9
108887	Los Angeles	Jalmia Dr	Biofiltration (Underdrain)	178
108887	Los Angeles	Jalmia Way	Biofiltration (Underdrain)	5
108887	Los Angeles	Jewett Dr	Biofiltration (Underdrain)	35
108887	Los Angeles	Jorderr Ave	Biofiltration (Underdrain)	28
108887	Los Angeles	Jupiter Dr	Biofiltration (Underdrain)	565
108887	Los Angeles	Kimdale Ln	Biofiltration (Underdrain)	239
108887	Los Angeles	Kirkwood Dr	Biofiltration (Underdrain)	323
108887	Los Angeles	la Castana Dr	Biofiltration (Underdrain)	633
108887	Los Angeles	la Presa Dr	Biofiltration (Underdrain)	33
108887	Los Angeles	Lakeridge Pl	Biofiltration (Underdrain)	58

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
108887	Los Angeles	Lakeridge Rd	Biofiltration (Underdrain)	292
108887	Los Angeles	Lanewood Ave	Biofiltration (Underdrain)	938
108887	Los Angeles	Larmar Rd	Biofiltration (Underdrain)	12
108887	Los Angeles	Laurel Pass	Biofiltration (Underdrain)	1,600
108887	Los Angeles	Laurelmont Dr	Biofiltration (Underdrain)	76
108887	Los Angeles	Laurelmont Pl	Biofiltration (Underdrain)	75
108887	Los Angeles	Leland Way	Biofiltration (Underdrain)	1,404
108887	Los Angeles	Lexington Ave	Biofiltration (Underdrain)	2,791
108887	Los Angeles	Lolina Ln	Biofiltration (Underdrain)	428
108887	Los Angeles	Longdale Ln	Biofiltration (Underdrain)	2
108887	Los Angeles	Lookout Mountain Ave	Biofiltration (Underdrain)	1,013
108887	Los Angeles	Los Tilos Rd	Biofiltration (Underdrain)	89
108887	Los Angeles	Lulu Glen Dr	Biofiltration (Underdrain)	186
108887	Los Angeles	Macapa Dr	Biofiltration (Underdrain)	655
108887	Los Angeles	Maravilla Dr	Biofiltration (Underdrain)	163
108887	Los Angeles	Mariscal Ln	Biofiltration (Underdrain)	30
108887	Los Angeles	Marshfield Way	Biofiltration (Underdrain)	848
108887	Los Angeles	McCadden Pl	Biofiltration (Underdrain)	592
108887	Los Angeles	Melrose Ave	Biofiltration (Underdrain)	6,998
108887	Los Angeles	Merrywood Ter	Biofiltration (Underdrain)	10
108887	Los Angeles	Milner Ave	Biofiltration (Underdrain)	233
109087	Los Angeles	Milner Rd	Biofiltration (Underdrain)	38
109087	Los Angeles	Mount Olympus Dr	Biofiltration (Underdrain)	578
109087	Los Angeles	Mulholland Dr	Biofiltration (Underdrain)	587
109087	Los Angeles	Mulholland Ter	Biofiltration (Underdrain)	193
109087	Los Angeles	N Allenwood Rd	Biofiltration (Underdrain)	423
109087	Los Angeles	N Alta Vista Blvd	Biofiltration (Underdrain)	4,397
109087	Los Angeles	N Cahuenga Blvd	Biofiltration (Underdrain)	230
109087	Los Angeles	N Charl Pl	Biofiltration (Underdrain)	129
109087	Los Angeles	N Cherokee Ave	Biofiltration (Underdrain)	3,605
109087	Los Angeles	N Citrus Ave	Biofiltration (Underdrain)	3,853
109087	Los Angeles	N Crescent Heights Blvd	Biofiltration (Underdrain)	97
109087	Los Angeles	N Crest View Dr	Biofiltration (Underdrain)	416
109087	Los Angeles	N Curson Ave	Biofiltration (Underdrain)	7,129
109087	Los Angeles	N Detroit St	Biofiltration (Underdrain)	4,923
109087	Los Angeles	N Fairfax Ave	Biofiltration (Underdrain)	5,270
109087	Los Angeles	N Formosa Ave	Biofiltration (Underdrain)	6,230
109087	Los Angeles	N Fuller Ave	Biofiltration (Underdrain)	6,601
109087	Los Angeles	N Gardner St	Biofiltration (Underdrain)	6,023
109087	Los Angeles	N Genesee Ave	Biofiltration (Underdrain)	6,392
109087	Los Angeles	N Grace Ave	Biofiltration (Underdrain)	378
109087	Los Angeles	N Green View Pl	Biofiltration (Underdrain)	216
109187	Los Angeles	N Greenvalley Rd	Biofiltration (Underdrain)	245
109187	Los Angeles	N Hayworth Ave	Biofiltration (Underdrain)	737
109187	Los Angeles	N Highland Ave	Biofiltration (Underdrain)	1,161
109187	Los Angeles	N Holly Pl	Biofiltration (Underdrain)	14
109187	Los Angeles	N Hudson Ave	Biofiltration (Underdrain)	663
109187	Los Angeles	N June St	Biofiltration (Underdrain)	649
109187	Los Angeles	N la Brea Ave	Biofiltration (Underdrain)	5,475
109187	Los Angeles	N Las Alturas St	Biofiltration (Underdrain)	49
109187	Los Angeles	N Las Palmas Ave	Biofiltration (Underdrain)	5,166
109187	Los Angeles	N Laurel Ave	Biofiltration (Underdrain)	1,020
109187	Los Angeles	N Laurel Canyon Pl	Biofiltration (Underdrain)	12
109187	Los Angeles	N Laurel Pass	Biofiltration (Underdrain)	1,122
109187	Los Angeles	N Mansfield Ave	Biofiltration (Underdrain)	4,928

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Los Angeles	N Mariscal Ln	Biofiltration (Underdrain)	30
109187	Los Angeles	N Martel Ave	Biofiltration (Underdrain)	6,251
109187	Los Angeles	N McCadden Pl	Biofiltration (Underdrain)	4,163
109187	Los Angeles	N Ogden Dr	Biofiltration (Underdrain)	5,431
109187	Los Angeles	N Orange Dr	Biofiltration (Underdrain)	7,032
109187	Los Angeles	N Orange Grove Ave	Biofiltration (Underdrain)	5,113
109187	Los Angeles	N Orchid Ave	Biofiltration (Underdrain)	81
109187	Los Angeles	N Poinsettia Pl	Biofiltration (Underdrain)	6,216
109187	Los Angeles	N Ridgemont Dr	Biofiltration (Underdrain)	11
109187	Los Angeles	N Rockledge Rd	Biofiltration (Underdrain)	24
109187	Los Angeles	N Sierra Bonita Ave	Biofiltration (Underdrain)	6,943
109187	Los Angeles	N Skyline Dr	Biofiltration (Underdrain)	8
109187	Los Angeles	N Spaulding Ave	Biofiltration (Underdrain)	5,190
109187	Los Angeles	N Stanley Ave	Biofiltration (Underdrain)	6,854
109187	Los Angeles	N Sunset Crest Dr	Biofiltration (Underdrain)	13
109187	Los Angeles	N Sycamore Ave	Biofiltration (Underdrain)	6,397
109187	Los Angeles	N Vado Dr	Biofiltration (Underdrain)	9
109187	Los Angeles	N Vista St	Biofiltration (Underdrain)	6,511
109187	Los Angeles	N Wilcox Ave	Biofiltration (Underdrain)	33
109187	Los Angeles	N Woodland Dr	Biofiltration (Underdrain)	18
109187	Los Angeles	Nash Dr	Biofiltration (Underdrain)	5
109187	Los Angeles	Nicholas Canyon Pl	Biofiltration (Underdrain)	499
109187	Los Angeles	Nichols Canyon Rd	Biofiltration (Underdrain)	4,519
109187	Los Angeles	Oak St	Biofiltration (Underdrain)	55
109187	Los Angeles	Oakstone Way	Biofiltration (Underdrain)	216
109187	Los Angeles	Oakwood Ave	Biofiltration (Underdrain)	5,254
109187	Los Angeles	Oceanus Dr	Biofiltration (Underdrain)	21
109187	Los Angeles	Odin St	Biofiltration (Underdrain)	61
109187	Los Angeles	Okean Pl	Biofiltration (Underdrain)	150
109187	Los Angeles	Okean Ter	Biofiltration (Underdrain)	410
109187	Los Angeles	Oporto Dr	Biofiltration (Underdrain)	73
109187	Los Angeles	Orchid Ave	Biofiltration (Underdrain)	497
109187	Los Angeles	Outpost Cir	Biofiltration (Underdrain)	135
109187	Los Angeles	Outpost Cove Dr	Biofiltration (Underdrain)	23
109187	Los Angeles	Outpost Dr	Biofiltration (Underdrain)	2,140
109187	Los Angeles	Padre Ter	Biofiltration (Underdrain)	29
109187	Los Angeles	Pinehurst Rd	Biofiltration (Underdrain)	293
109187	Los Angeles	Pyramid Pl	Biofiltration (Underdrain)	1
109187	Los Angeles	Reppert Ct	Biofiltration (Underdrain)	3
109187	Los Angeles	Ridgemont Dr	Biofiltration (Underdrain)	11
109187	Los Angeles	Ridpath Dr	Biofiltration (Underdrain)	26
109187	Los Angeles	Rockledge Rd	Biofiltration (Underdrain)	24
109187	Los Angeles	Romaine St	Biofiltration (Underdrain)	2,540
109187	Los Angeles	Rosewood Ave	Biofiltration (Underdrain)	4,329
109187	Los Angeles	Runyon Canyon Rd	Biofiltration (Underdrain)	13
109187	Los Angeles	Schrader Blvd	Biofiltration (Underdrain)	1,185
109187	Los Angeles	Seattle Dr	Biofiltration (Underdrain)	264
109187	Los Angeles	Seattle Pl	Biofiltration (Underdrain)	41
109187	Los Angeles	Selma Ave	Biofiltration (Underdrain)	4,434
109187	Los Angeles	Senalda Rd	Biofiltration (Underdrain)	163
109187	Los Angeles	Sierra Bonita Ave	Biofiltration (Underdrain)	4,010
109187	Los Angeles	Skyline Dr	Biofiltration (Underdrain)	241
109187	Los Angeles	Solar Dr	Biofiltration (Underdrain)	39
109187	Los Angeles	Soper Dr	Biofiltration (Underdrain)	67
109187	Los Angeles	Stanley Ave	Biofiltration (Underdrain)	1,430

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Los Angeles	Stanley Hills Dr	Biofiltration (Underdrain)	498
109187	Los Angeles	Stanley Hills Pl	Biofiltration (Underdrain)	57
109187	Los Angeles	State Rte 170	Biofiltration (Underdrain)	1,151
109187	Los Angeles	Sunny Cove	Biofiltration (Underdrain)	40
109187	Los Angeles	Sunnydell Trl	Biofiltration (Underdrain)	36
109187	Los Angeles	Sunnywood Ln	Biofiltration (Underdrain)	294
109187	Los Angeles	Sunset Crest Dr	Biofiltration (Underdrain)	13
109187	Los Angeles	Sunset Plaza Dr	Biofiltration (Underdrain)	76
109187	Los Angeles	Thames Pl	Biofiltration (Underdrain)	0
109187	Los Angeles	Thames St	Biofiltration (Underdrain)	24
109187	Los Angeles	The Grove Dr	Biofiltration (Underdrain)	1,430
109187	Los Angeles	Tianna Rd	Biofiltration (Underdrain)	25
109187	Los Angeles	Torreyson Dr	Biofiltration (Underdrain)	377
109187	Los Angeles	Torreyson Pl	Biofiltration (Underdrain)	96
109187	Los Angeles	Treasure Trl	Biofiltration (Underdrain)	51
109187	Los Angeles	Upper Kress St	Biofiltration (Underdrain)	10
109187	Los Angeles	Vado Dr	Biofiltration (Underdrain)	9
109187	Los Angeles	Venus Dr	Biofiltration (Underdrain)	185
109187	Los Angeles	Vista Crest Dr	Biofiltration (Underdrain)	98
109187	Los Angeles	Vista Pl	Biofiltration (Underdrain)	285
109187	Los Angeles	W Alta Loma Ter	Biofiltration (Underdrain)	63
109287	Los Angeles	W Brier Dr	Biofiltration (Underdrain)	154
109287	Los Angeles	W Byron Pl	Biofiltration (Underdrain)	186
109287	Los Angeles	W Camrose Dr	Biofiltration (Underdrain)	293
109287	Los Angeles	W Char Ln	Biofiltration (Underdrain)	76
109287	Los Angeles	W Colecrest Dr	Biofiltration (Underdrain)	36
109287	Los Angeles	W Crest View Dr	Biofiltration (Underdrain)	124
109287	Los Angeles	W Edwin Dr	Biofiltration (Underdrain)	381
109287	Los Angeles	W Elusive Dr	Biofiltration (Underdrain)	5
109287	Los Angeles	W Franklin Ave	Biofiltration (Underdrain)	80
109287	Los Angeles	W Grand View Dr	Biofiltration (Underdrain)	78
109287	Los Angeles	W Hiller Pl	Biofiltration (Underdrain)	125
109287	Los Angeles	W Hollywood Blvd	Biofiltration (Underdrain)	1,322
109287	Los Angeles	W Hollywood Hills Rd	Biofiltration (Underdrain)	62
109287	Los Angeles	W Kirkwood Dr	Biofiltration (Underdrain)	32
109287	Los Angeles	W Lexington Ave	Biofiltration (Underdrain)	151
109287	Los Angeles	W Melrose Ave	Biofiltration (Underdrain)	357
109287	Los Angeles	W Milner Rd	Biofiltration (Underdrain)	233
109287	Los Angeles	W Oak St	Biofiltration (Underdrain)	55
109287	Los Angeles	W Romaine St	Biofiltration (Underdrain)	170
109287	Los Angeles	W Selma Ave	Biofiltration (Underdrain)	825
109287	Los Angeles	W Skyline Dr	Biofiltration (Underdrain)	335
109287	Los Angeles	W Walnut Dr	Biofiltration (Underdrain)	49
109287	Los Angeles	W Willoughby Ave	Biofiltration (Underdrain)	131
109287	Los Angeles	W Wonderland Ave	Biofiltration (Underdrain)	711
109287	Los Angeles	W Wonderland Park Ave	Biofiltration (Underdrain)	361
109287	Los Angeles	W Yucca St	Biofiltration (Underdrain)	148
109287	Los Angeles	W Yucca Trl	Biofiltration (Underdrain)	11
109287	Los Angeles	Walnut Dr	Biofiltration (Underdrain)	49
109287	Los Angeles	Waring Ave	Biofiltration (Underdrain)	6,969
109287	Los Angeles	Wattles Dr	Biofiltration (Underdrain)	24
109287	Los Angeles	Weepah Way	Biofiltration (Underdrain)	20
109287	Los Angeles	Westbrook Ave	Biofiltration (Underdrain)	358
103275	Los Angeles	Whitley Ave	Biofiltration (Underdrain)	1,365
103275	Los Angeles	Whitley Ter	Biofiltration (Underdrain)	108

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103275	Los Angeles	Willoughby Ave	Biofiltration (Underdrain)	7,157
103275	Los Angeles	Willow Glen Rd	Biofiltration (Underdrain)	1,253
103275	Los Angeles	Wonder View Dr	Biofiltration (Underdrain)	16
103275	Los Angeles	Wonder View Plz	Biofiltration (Underdrain)	48
103275	Los Angeles	Wonderland Ave	Biofiltration (Underdrain)	727
103275	Los Angeles	Wonderland Park Ave	Biofiltration (Underdrain)	361
103275	Los Angeles	Wonderview Plz	Biofiltration (Underdrain)	48
103275	Los Angeles	Woodland Way	Biofiltration (Underdrain)	18
103275	Los Angeles	Woodrow Wilson Dr	Biofiltration (Underdrain)	1,734
103275	Los Angeles	Woodstock Rd	Biofiltration (Underdrain)	267
103275	Los Angeles	Woody Trl	Biofiltration (Underdrain)	27
103275	Los Angeles	Wyndham Rd	Biofiltration (Underdrain)	25
103275	Los Angeles	Yucca Ln	Biofiltration (Underdrain)	43
103275	Los Angeles	Yucca St	Biofiltration (Underdrain)	2,491
103275	Los Angeles	Yucca Trl	Biofiltration (Underdrain)	11
103275	Los Angeles	Zeus Dr	Biofiltration (Underdrain)	357
103275	Los Angeles	Zorada Dr	Biofiltration (Underdrain)	215
103275	Los Angeles	(unknown)	Bioretention (No Underdrain)	28
103275	Los Angeles	Blackburn Ave	Bioretention (No Underdrain)	738
103275	Los Angeles	Colgate Ave	Bioretention (No Underdrain)	897
103275	Los Angeles	S Crescent Heights Blvd	Bioretention (No Underdrain)	132
103275	Los Angeles	S Edinburgh Ave	Bioretention (No Underdrain)	902
103275	Los Angeles	S Hayworth Ave	Bioretention (No Underdrain)	28
103275	Los Angeles	W 4th St	Bioretention (No Underdrain)	768
103275	Los Angeles	(unknown)	Bioretention (No Underdrain)	77
103275	Los Angeles	Arnaz Dr	Bioretention (No Underdrain)	432
103275	Los Angeles	Beverly Blvd	Bioretention (No Underdrain)	2,526
101483	Los Angeles	Blackburn Ave	Bioretention (No Underdrain)	993
101583	Los Angeles	Burton Way	Bioretention (No Underdrain)	4,535
101583	Los Angeles	Clinton St	Bioretention (No Underdrain)	1,941
101583	Los Angeles	Colgate Ave	Bioretention (No Underdrain)	1,814
101583	Los Angeles	Grandview Dr	Bioretention (No Underdrain)	54
101583	Los Angeles	Harold Way	Bioretention (No Underdrain)	36
101583	Los Angeles	Havenhurst Dr	Bioretention (No Underdrain)	196
101583	Los Angeles	Hollywood Blvd	Bioretention (No Underdrain)	221
102383	Los Angeles	Le Doux Rd	Bioretention (No Underdrain)	300
102383	Los Angeles	Marlay Dr	Bioretention (No Underdrain)	1
102383	Los Angeles	Marmont Ave	Bioretention (No Underdrain)	66
102583	Los Angeles	Marmont Ln	Bioretention (No Underdrain)	108
102583	Los Angeles	Melrose Ave	Bioretention (No Underdrain)	3,038
102583	Los Angeles	Miller Dr	Bioretention (No Underdrain)	19
102583	Los Angeles	N Crescent Heights Blvd	Bioretention (No Underdrain)	5,602
102583	Los Angeles	N Edinburgh Ave	Bioretention (No Underdrain)	1,918
102583	Los Angeles	N Flores St	Bioretention (No Underdrain)	2,289
102583	Los Angeles	N Harper Ave	Bioretention (No Underdrain)	4,671
102583	Los Angeles	N Hayworth Ave	Bioretention (No Underdrain)	1,278
102583	Los Angeles	N Kilkea Dr	Bioretention (No Underdrain)	4,040
102583	Los Angeles	N Kings Rd	Bioretention (No Underdrain)	2,930
102583	Los Angeles	N la Jolla Ave	Bioretention (No Underdrain)	4,673
102583	Los Angeles	N Laurel Ave	Bioretention (No Underdrain)	4,905
102583	Los Angeles	N Orlando Ave	Bioretention (No Underdrain)	549
102583	Los Angeles	N Robertson Blvd	Bioretention (No Underdrain)	136
102583	Los Angeles	N Sweetzer Ave	Bioretention (No Underdrain)	3,585
102583	Los Angeles	Oakwood Ave	Bioretention (No Underdrain)	2,539
102583	Los Angeles	Queens Rd	Bioretention (No Underdrain)	104

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102583	Los Angeles	Robertson Blvd	Bioretention (No Underdrain)	136
102583	Los Angeles	Romaine St	Bioretention (No Underdrain)	959
102583	Los Angeles	Rosewood Ave	Bioretention (No Underdrain)	2,575
102583	Los Angeles	S Flores St	Bioretention (No Underdrain)	589
102583	Los Angeles	S Hamel Rd	Bioretention (No Underdrain)	436
102583	Los Angeles	S Harper Ave	Bioretention (No Underdrain)	627
102583	Los Angeles	S Holt Ave	Bioretention (No Underdrain)	527
102883	Los Angeles	S Kings Rd	Bioretention (No Underdrain)	570
102883	Los Angeles	S la Cienega Blvd	Bioretention (No Underdrain)	372
102883	Los Angeles	S la Jolla Ave	Bioretention (No Underdrain)	706
102883	Los Angeles	S Le Doux Rd	Bioretention (No Underdrain)	96
102883	Los Angeles	S Orlando Ave	Bioretention (No Underdrain)	1,665
102883	Los Angeles	S Robertson Blvd	Bioretention (No Underdrain)	132
102883	Los Angeles	S San Vicente Blvd	Bioretention (No Underdrain)	940
102883	Los Angeles	S Sherbourne Dr	Bioretention (No Underdrain)	442
102883	Los Angeles	S Sweetzer Ave	Bioretention (No Underdrain)	624
102883	Los Angeles	S Willaman Dr	Bioretention (No Underdrain)	519
102883	Los Angeles	San Vicente Blvd	Bioretention (No Underdrain)	79
102883	Los Angeles	Selma Ave	Bioretention (No Underdrain)	89
102883	Los Angeles	Viewmont Dr	Bioretention (No Underdrain)	27
102883	Los Angeles	W 1st St	Bioretention (No Underdrain)	1,924
102883	Los Angeles	W 3rd St	Bioretention (No Underdrain)	1,931
102883	Los Angeles	W 4th St	Bioretention (No Underdrain)	971
102883	Los Angeles	W Grand View Dr	Bioretention (No Underdrain)	58
102883	Los Angeles	Waring Ave	Bioretention (No Underdrain)	3,080
102883	Los Angeles	Willoughby Ave	Bioretention (No Underdrain)	1,938
102883	Los Angeles	(unknown)	Biofiltration (Underdrain)	266
102883	Los Angeles	Alden Dr	Biofiltration (Underdrain)	2,206
102883	Los Angeles	Appian Way	Biofiltration (Underdrain)	151
102883	Los Angeles	Arnaz Dr	Biofiltration (Underdrain)	316
102883	Los Angeles	Belfast Dr	Biofiltration (Underdrain)	201
102883	Los Angeles	Beverly Crest Dr	Biofiltration (Underdrain)	53
102883	Los Angeles	Beverly Pl	Biofiltration (Underdrain)	202
102883	Los Angeles	Beverlycrest Dr	Biofiltration (Underdrain)	53
102883	Los Angeles	Blue Jay Way	Biofiltration (Underdrain)	192
102883	Los Angeles	Bluebird Ave	Biofiltration (Underdrain)	82
102883	Los Angeles	Burton Way	Biofiltration (Underdrain)	55
102883	Los Angeles	Cerrocrest Dr	Biofiltration (Underdrain)	22
102883	Los Angeles	Cordell Dr	Biofiltration (Underdrain)	290
102883	Los Angeles	Cory Ave	Biofiltration (Underdrain)	214
102883	Los Angeles	Devlin Dr	Biofiltration (Underdrain)	202
102883	Los Angeles	Devlin Pl	Biofiltration (Underdrain)	19
102883	Los Angeles	Doheny Pl	Biofiltration (Underdrain)	112
102883	Los Angeles	Flicker Way	Biofiltration (Underdrain)	179
102883	Los Angeles	Gilcrest Dr	Biofiltration (Underdrain)	24
102883	Los Angeles	Gracie Allen Dr	Biofiltration (Underdrain)	92
102883	Los Angeles	Huntley Dr	Biofiltration (Underdrain)	0
102883	Los Angeles	Londonderry Pl	Biofiltration (Underdrain)	48
102883	Los Angeles	Magnetic Ter	Biofiltration (Underdrain)	1
102883	Los Angeles	Marcheeta Pl	Biofiltration (Underdrain)	123
102883	Los Angeles	Miller Dr	Biofiltration (Underdrain)	40
102883	Los Angeles	Miller Pl	Biofiltration (Underdrain)	18
102883	Los Angeles	Mockingbird Pl	Biofiltration (Underdrain)	51
102883	Los Angeles	N Almont Dr	Biofiltration (Underdrain)	430
102883	Los Angeles	N Blue Jay Way	Biofiltration (Underdrain)	192

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102883	Los Angeles	N Clark Dr	Biofiltration (Underdrain)	430
102883	Los Angeles	N Clark St	Biofiltration (Underdrain)	28
102883	Los Angeles	N Doheny Dr	Biofiltration (Underdrain)	2,410
102883	Los Angeles	N la Peer Dr	Biofiltration (Underdrain)	429
102883	Los Angeles	N Marcheeta Pl	Biofiltration (Underdrain)	123
102883	Los Angeles	N Oriole Dr	Biofiltration (Underdrain)	1
103083	Los Angeles	N Rising Glen Rd	Biofiltration (Underdrain)	587
103083	Los Angeles	N Robertson Blvd	Biofiltration (Underdrain)	419
103083	Los Angeles	N San Vicente Blvd	Biofiltration (Underdrain)	383
103083	Los Angeles	N Sierra Alta Way	Biofiltration (Underdrain)	5
103083	Los Angeles	N Sunset Plaza Dr	Biofiltration (Underdrain)	709
103083	Los Angeles	N Swall Dr	Biofiltration (Underdrain)	429
103083	Los Angeles	N Wetherly Dr	Biofiltration (Underdrain)	768
103083	Los Angeles	Nightingale Dr	Biofiltration (Underdrain)	91
103083	Los Angeles	Oriole Dr	Biofiltration (Underdrain)	268
103083	Los Angeles	Pine Tree Pl	Biofiltration (Underdrain)	4
103083	Los Angeles	Pinto Pl	Biofiltration (Underdrain)	155
103083	Los Angeles	Rising Glen Pl	Biofiltration (Underdrain)	54
103083	Los Angeles	Rising Glen Rd	Biofiltration (Underdrain)	603
103083	Los Angeles	Robin Dr	Biofiltration (Underdrain)	232
103083	Los Angeles	S Almont Dr	Biofiltration (Underdrain)	954
103083	Los Angeles	S Clark Dr	Biofiltration (Underdrain)	942
103083	Los Angeles	S Doheny Dr	Biofiltration (Underdrain)	962
103083	Los Angeles	S George Burns Rd	Biofiltration (Underdrain)	385
103083	Los Angeles	S Hamel Rd	Biofiltration (Underdrain)	311
103083	Los Angeles	S Holt Ave	Biofiltration (Underdrain)	297
103083	Los Angeles	S la Peer Dr	Biofiltration (Underdrain)	950
103083	Los Angeles	S Robertson Blvd	Biofiltration (Underdrain)	937
103083	Los Angeles	S San Vicente Blvd	Biofiltration (Underdrain)	3,038
103083	Los Angeles	S Sherbourne Dr	Biofiltration (Underdrain)	348
103083	Los Angeles	S Swall Dr	Biofiltration (Underdrain)	946
103083	Los Angeles	S Wetherly Dr	Biofiltration (Underdrain)	957
103083	Los Angeles	S Willaman Dr	Biofiltration (Underdrain)	307
103083	Los Angeles	Schuyler Rd	Biofiltration (Underdrain)	216
103083	Los Angeles	Sherwood Dr	Biofiltration (Underdrain)	51
103083	Los Angeles	Shoreham Dr	Biofiltration (Underdrain)	734
103083	Los Angeles	Sierra Alta Way	Biofiltration (Underdrain)	140
103083	Los Angeles	Sierra Mar Dr	Biofiltration (Underdrain)	228
103083	Los Angeles	Sierra Mar Pl	Biofiltration (Underdrain)	18
103083	Los Angeles	St Ives Dr	Biofiltration (Underdrain)	53
103083	Los Angeles	Sunset Hills Rd	Biofiltration (Underdrain)	187
103083	Los Angeles	Sunset Plaza Dr	Biofiltration (Underdrain)	823
103083	Los Angeles	Sunset Vale Ave	Biofiltration (Underdrain)	94
103083	Los Angeles	Swallow Dr	Biofiltration (Underdrain)	115
103083	Los Angeles	Tanager Way	Biofiltration (Underdrain)	26
103083	Los Angeles	Thrasher Ave	Biofiltration (Underdrain)	268
103083	Los Angeles	Vireo Dr	Biofiltration (Underdrain)	112
103083	Los Angeles	W 3rd St	Biofiltration (Underdrain)	3,680
103083	Los Angeles	W Devlin Pl	Biofiltration (Underdrain)	19
103083	Los Angeles	W Flicker Way	Biofiltration (Underdrain)	197
103083	Los Angeles	W Nightingale Dr	Biofiltration (Underdrain)	91
103083	Los Angeles	W Pinto Pl	Biofiltration (Underdrain)	155
103083	Los Angeles	W Robin Dr	Biofiltration (Underdrain)	232
103083	Los Angeles	W St Ives Dr	Biofiltration (Underdrain)	10
103083	Los Angeles	W Sunset Plaza Dr	Biofiltration (Underdrain)	72

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103083	Los Angeles	W Swallow Dr	Biofiltration (Underdrain)	115
103083	Los Angeles	W Thrasher Ave	Biofiltration (Underdrain)	85
103083	Los Angeles	W Trasher Ave	Biofiltration (Underdrain)	162
103083	Los Angeles	W Warbler Pl	Biofiltration (Underdrain)	96
103083	Los Angeles	W Warbler Way	Biofiltration (Underdrain)	81
103083	Los Angeles	Warbler Pl	Biofiltration (Underdrain)	96
103083	Los Angeles	Warbler Way	Biofiltration (Underdrain)	81
103083	Los Angeles	(unknown)	Bioretention (No Underdrain)	528
103083	Los Angeles	Beverly Blvd	Bioretention (No Underdrain)	2,000
103083	Los Angeles	Beverly Pl	Bioretention (No Underdrain)	426
103083	Los Angeles	Blackburn Ave	Bioretention (No Underdrain)	871
103083	Los Angeles	Melrose Ave	Bioretention (No Underdrain)	718
103283	Los Angeles	Melrose Pl	Bioretention (No Underdrain)	1,011
103283	Los Angeles	N Alfred St	Bioretention (No Underdrain)	3,565
103283	Los Angeles	N Croft Ave	Bioretention (No Underdrain)	4,311
103283	Los Angeles	N Kings Rd	Bioretention (No Underdrain)	8
103283	Los Angeles	N la Cienega Blvd	Bioretention (No Underdrain)	3,930
103283	Los Angeles	N Orlando Ave	Bioretention (No Underdrain)	4,062
103283	Los Angeles	Oakwood Ave	Bioretention (No Underdrain)	1,105
103283	Los Angeles	Romaine St	Bioretention (No Underdrain)	1,190
103783	Los Angeles	Rosewood Ave	Bioretention (No Underdrain)	1,221
103783	Los Angeles	S Croft Ave	Bioretention (No Underdrain)	508
104083	Los Angeles	S la Cienega Blvd	Bioretention (No Underdrain)	1,090
105883	Los Angeles	S San Vicente Blvd	Bioretention (No Underdrain)	191
105883	Los Angeles	Sherwood Dr	Bioretention (No Underdrain)	108
106083	Los Angeles	W 1st St	Bioretention (No Underdrain)	233
106083	Los Angeles	W 3rd St	Bioretention (No Underdrain)	1,057
106083	Los Angeles	W 4th St	Bioretention (No Underdrain)	837
106783	Los Angeles	Waring Ave	Bioretention (No Underdrain)	1,341
106783	Los Angeles	Westbourne Dr	Bioretention (No Underdrain)	1
106783	Los Angeles	Westmount Dr	Bioretention (No Underdrain)	209
106783	Los Angeles	Willoughby Ave	Bioretention (No Underdrain)	1,199
106783	Los Angeles	(unknown)	Bioretention (No Underdrain)	1,257
106783	Los Angeles	Alvira St	Bioretention (No Underdrain)	131
106783	Los Angeles	Apple St	Bioretention (No Underdrain)	219
106783	Los Angeles	Burchard Ave	Bioretention (No Underdrain)	420
106783	Los Angeles	Cadillac Ave	Bioretention (No Underdrain)	1,264
106783	Los Angeles	Carmona Ave	Bioretention (No Underdrain)	152
106783	Los Angeles	Clyde Ave	Bioretention (No Underdrain)	129
106783	Los Angeles	Cologne St	Bioretention (No Underdrain)	2,426
106783	Los Angeles	Comey Ave	Bioretention (No Underdrain)	983
106783	Los Angeles	Cullen St	Bioretention (No Underdrain)	65
106783	Los Angeles	Dauphin Ave	Bioretention (No Underdrain)	1,029
106783	Los Angeles	Dauphin St	Bioretention (No Underdrain)	1,029
106783	Los Angeles	David Ave	Bioretention (No Underdrain)	511
106783	Los Angeles	Ernest Ave	Bioretention (No Underdrain)	702
106783	Los Angeles	S Curson Ave	Bioretention (No Underdrain)	138
106783	Los Angeles	S Fairfax Ave	Bioretention (No Underdrain)	843
106783	Los Angeles	S Genesee Ave	Bioretention (No Underdrain)	432
106783	Los Angeles	S Glennie Ln	Bioretention (No Underdrain)	148
106783	Los Angeles	S la Cienega Blvd	Bioretention (No Underdrain)	907
106783	Los Angeles	S Marvin Ave	Bioretention (No Underdrain)	201
106783	Los Angeles	S Spaulding Ave	Bioretention (No Underdrain)	1,844
106783	Los Angeles	Thurman Ave	Bioretention (No Underdrain)	178
106783	Los Angeles	Venice Blvd	Bioretention (No Underdrain)	1,621

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
106783	Los Angeles	(unknown)	Bioretention (No Underdrain)	617
106783	Los Angeles	Airdrome St	Bioretention (No Underdrain)	2,369
106783	Los Angeles	Alandele Ave	Bioretention (No Underdrain)	47
106783	Los Angeles	Alcott St	Bioretention (No Underdrain)	765
106783	Los Angeles	Alvira St	Bioretention (No Underdrain)	5,554
106783	Los Angeles	Barrows Dr	Bioretention (No Underdrain)	996
106783	Los Angeles	Capistrano Way	Bioretention (No Underdrain)	255
106783	Los Angeles	Carmel Way	Bioretention (No Underdrain)	591
106783	Los Angeles	Carrillo Dr	Bioretention (No Underdrain)	937
106783	Los Angeles	Cashio St	Bioretention (No Underdrain)	969
106783	Los Angeles	Commodore Sloat Dr	Bioretention (No Underdrain)	1,959
106783	Los Angeles	del Valle Dr	Bioretention (No Underdrain)	1,481
106783	Los Angeles	Foster Dr	Bioretention (No Underdrain)	1,160
106783	Los Angeles	Guthrie Ave	Bioretention (No Underdrain)	1,629
106783	Los Angeles	Hauser Blvd	Bioretention (No Underdrain)	917
106783	Los Angeles	Hayes Dr	Bioretention (No Underdrain)	433
106783	Los Angeles	Hi Point St	Bioretention (No Underdrain)	5,384
106783	Los Angeles	Horner St	Bioretention (No Underdrain)	903
106783	Los Angeles	Lindenhurst Ave	Bioretention (No Underdrain)	928
106783	Los Angeles	Maryland Dr	Bioretention (No Underdrain)	894
106783	Los Angeles	Masselin Ave	Bioretention (No Underdrain)	912
106783	Los Angeles	Mc Carthy Vis	Bioretention (No Underdrain)	100
106783	Los Angeles	McCarthy Vis	Bioretention (No Underdrain)	2,008
106783	Los Angeles	Moore Dr	Bioretention (No Underdrain)	555
106783	Los Angeles	N Wilshire Blvd	Bioretention (No Underdrain)	288
106783	Los Angeles	Olympic Pl	Bioretention (No Underdrain)	261
106783	Los Angeles	Orange Ave	Bioretention (No Underdrain)	90
106783	Los Angeles	Orange St	Bioretention (No Underdrain)	93
106783	Los Angeles	Packard St	Bioretention (No Underdrain)	3,079
106783	Los Angeles	Pickford Pl	Bioretention (No Underdrain)	623
106783	Los Angeles	Pickford St	Bioretention (No Underdrain)	2,602
106783	Los Angeles	Ramona Ct	Bioretention (No Underdrain)	447
106783	Los Angeles	Roland Walk	Bioretention (No Underdrain)	56
106783	Los Angeles	S Alvira St	Bioretention (No Underdrain)	83
106783	Los Angeles	S Burnside Ave	Bioretention (No Underdrain)	883
106983	Los Angeles	S Crescent Heights Blvd	Bioretention (No Underdrain)	9,058
108083	Los Angeles	S Curson Ave	Bioretention (No Underdrain)	1,159
108083	Los Angeles	S Dunsmuir Ave	Bioretention (No Underdrain)	20
108083	Los Angeles	S Fairfax Ave	Bioretention (No Underdrain)	9,252
108083	Los Angeles	S Genesee Ave	Bioretention (No Underdrain)	5,161
108083	Los Angeles	S Hayworth Ave	Bioretention (No Underdrain)	6,427
108083	Los Angeles	S la Jolla Ave	Bioretention (No Underdrain)	2,359
108083	Los Angeles	S Ogden Dr	Bioretention (No Underdrain)	5,106
108083	Los Angeles	S Orange Grove Ave	Bioretention (No Underdrain)	5,421
108083	Los Angeles	S Orlando Ave	Bioretention (No Underdrain)	485
108083	Los Angeles	S Point View St	Bioretention (No Underdrain)	6,375
108083	Los Angeles	S Ridgeley Dr	Bioretention (No Underdrain)	931
108183	Los Angeles	S San Vicente Blvd	Bioretention (No Underdrain)	4,377
108883	Los Angeles	S Spaulding Ave	Bioretention (No Underdrain)	752
117583	Los Angeles	S Stanley Ave	Bioretention (No Underdrain)	712
117583	Los Angeles	San Diego Way	Bioretention (No Underdrain)	720
117583	Los Angeles	San Gabriel Way	Bioretention (No Underdrain)	358
117583	Los Angeles	San Vicente Blvd	Bioretention (No Underdrain)	5,340
117583	Los Angeles	Saturn St	Bioretention (No Underdrain)	3,046
117583	Los Angeles	Sawyer St	Bioretention (No Underdrain)	2,458

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
117583	Los Angeles	Stearns Dr	Bioretention (No Underdrain)	7,629
117583	Los Angeles	Venice Blvd	Bioretention (No Underdrain)	5,139
117583	Los Angeles	W 18th St	Bioretention (No Underdrain)	3,508
117583	Los Angeles	W 4th St	Bioretention (No Underdrain)	16
108887	Los Angeles	W 5th St	Bioretention (No Underdrain)	864
108887	Los Angeles	W 6th St	Bioretention (No Underdrain)	2,493
108887	Los Angeles	W 8th St	Bioretention (No Underdrain)	1,959
108887	Los Angeles	W Olympic Blvd	Bioretention (No Underdrain)	3,471
108887	Los Angeles	W Orange St	Bioretention (No Underdrain)	2
108887	Los Angeles	W Pico Blvd	Bioretention (No Underdrain)	2,506
108887	Los Angeles	W San Vicente Blvd	Bioretention (No Underdrain)	193
108887	Los Angeles	W Wilshire Blvd	Bioretention (No Underdrain)	3,173
108887	Los Angeles	Warner Dr	Bioretention (No Underdrain)	2,383
108887	Los Angeles	Whitworth Dr	Bioretention (No Underdrain)	3,658
108887	Los Angeles	Wilshire Blvd	Bioretention (No Underdrain)	3,475
108887	Los Angeles	Airdrome St	Bioretention (No Underdrain)	457
108887	Los Angeles	Alandele Ave	Bioretention (No Underdrain)	1,224
108887	Los Angeles	Carmona Ave	Bioretention (No Underdrain)	2,717
108887	Los Angeles	Edgewood Pl	Bioretention (No Underdrain)	1,250
108887	Los Angeles	Ellsmere Ave	Bioretention (No Underdrain)	62
108887	Los Angeles	Hauser Blvd	Bioretention (No Underdrain)	5,115
108887	Los Angeles	Masselin Ave	Bioretention (No Underdrain)	5,059
108887	Los Angeles	Packard St	Bioretention (No Underdrain)	1,524
108887	Los Angeles	Pickford St	Bioretention (No Underdrain)	175
108887	Los Angeles	S Burnside Ave	Bioretention (No Underdrain)	3,104
108887	Los Angeles	S Carmona Ave	Bioretention (No Underdrain)	735
108887	Los Angeles	S Curson Ave	Bioretention (No Underdrain)	6,822
108887	Los Angeles	S Dunsmuir Ave	Bioretention (No Underdrain)	3,292
108887	Los Angeles	S Marvin Ave	Bioretention (No Underdrain)	754
108887	Los Angeles	S Masselin Ave	Bioretention (No Underdrain)	478
108887	Los Angeles	S Ridgeley Dr	Bioretention (No Underdrain)	4,353
108887	Los Angeles	S San Vicente Blvd	Bioretention (No Underdrain)	2,589
108887	Los Angeles	S Sierra Bonita Ave	Bioretention (No Underdrain)	6,040
108887	Los Angeles	S Spaulding Ave	Bioretention (No Underdrain)	2,261
108887	Los Angeles	S Stanley Ave	Bioretention (No Underdrain)	3,297
109087	Los Angeles	San Vicente Blvd	Bioretention (No Underdrain)	4,963
109087	Los Angeles	Saturn St	Bioretention (No Underdrain)	708
109087	Los Angeles	Venice Blvd	Bioretention (No Underdrain)	366
109087	Los Angeles	W 8th St	Bioretention (No Underdrain)	2,137
109087	Los Angeles	W 9th St	Bioretention (No Underdrain)	950
109087	Los Angeles	W Olympic Blvd	Bioretention (No Underdrain)	3,257
109087	Los Angeles	W Pico Blvd	Bioretention (No Underdrain)	1,620
109087	Los Angeles	W San Vicente Blvd	Bioretention (No Underdrain)	2,053
109087	Los Angeles	W Wilshire Blvd	Bioretention (No Underdrain)	643
109087	Los Angeles	Whitworth Dr	Bioretention (No Underdrain)	839
109087	Los Angeles	Wilshire Blvd	Bioretention (No Underdrain)	2,081
109087	Los Angeles	(unknown)	Bioretention (No Underdrain)	154
109087	Los Angeles	Airdrome St	Bioretention (No Underdrain)	1,819
109087	Los Angeles	Clyde Ave	Bioretention (No Underdrain)	923
109087	Los Angeles	Ellsmere Ave	Bioretention (No Underdrain)	2,375
109087	Los Angeles	Packard St	Bioretention (No Underdrain)	1,041
109087	Los Angeles	Pickford St	Bioretention (No Underdrain)	1,630
109087	Los Angeles	S Curson Ave	Bioretention (No Underdrain)	889
109087	Los Angeles	S Fairfax Ave	Bioretention (No Underdrain)	92
109087	Los Angeles	S Genesee Ave	Bioretention (No Underdrain)	3,357

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109087	Los Angeles	S Ogden Dr	Bioretention (No Underdrain)	3,124
109187	Los Angeles	S Orange Grove Ave	Bioretention (No Underdrain)	2,848
109187	Los Angeles	S Spaulding Ave	Bioretention (No Underdrain)	4,237
109187	Los Angeles	S Stanley Ave	Bioretention (No Underdrain)	3,283
109187	Los Angeles	Saturn St	Bioretention (No Underdrain)	1,650
109187	Los Angeles	Thurman Ave	Bioretention (No Underdrain)	993
109187	Los Angeles	Venice Blvd	Bioretention (No Underdrain)	2,564
109187	Los Angeles	W 18th St	Bioretention (No Underdrain)	110
109187	Los Angeles	W Pico Blvd	Bioretention (No Underdrain)	1,518
109187	Los Angeles	(unknown)	Bioretention (No Underdrain)	211
109187	Los Angeles	Airdrome St	Bioretention (No Underdrain)	30
109187	Los Angeles	Carmona Ave	Bioretention (No Underdrain)	2,638
109187	Los Angeles	Cochran Pl	Bioretention (No Underdrain)	313
109187	Los Angeles	Cologne St	Bioretention (No Underdrain)	1,156
109187	Los Angeles	Dunsmuir Ave	Bioretention (No Underdrain)	284
109187	Los Angeles	Hauser Blvd	Bioretention (No Underdrain)	1,922
109187	Los Angeles	Pickford St	Bioretention (No Underdrain)	881
109187	Los Angeles	S Burnside Ave	Bioretention (No Underdrain)	2,023
109187	Los Angeles	S Cochran Ave	Bioretention (No Underdrain)	376
109187	Los Angeles	S Dunsmuir Ave	Bioretention (No Underdrain)	987
109187	Los Angeles	S Ridgeley Dr	Bioretention (No Underdrain)	1,696
109187	Los Angeles	S Sierra Bonita Ave	Bioretention (No Underdrain)	253
109187	Los Angeles	Saturn St	Bioretention (No Underdrain)	1,289
109187	Los Angeles	Venice Blvd	Bioretention (No Underdrain)	4,027
109187	Los Angeles	W Pickford St	Bioretention (No Underdrain)	342
109187	Los Angeles	W Pico Blvd	Bioretention (No Underdrain)	6
109187	Los Angeles	Dockweiler Pl	Bioretention (No Underdrain)	556
109187	Los Angeles	Edgewood Pl	Bioretention (No Underdrain)	383
109187	Los Angeles	Meadowbrook Ave	Bioretention (No Underdrain)	1,889
109187	Los Angeles	Packard St	Bioretention (No Underdrain)	1,984
109187	Los Angeles	S Burnside Ave	Bioretention (No Underdrain)	1,902
109187	Los Angeles	S Cloverdale Ave	Bioretention (No Underdrain)	3,239
109187	Los Angeles	S Cochran Ave	Bioretention (No Underdrain)	4,694
109187	Los Angeles	S Dunsmuir Ave	Bioretention (No Underdrain)	2,272
109187	Los Angeles	S Ridgeley Dr	Bioretention (No Underdrain)	639
109187	Los Angeles	S San Vicente Blvd	Bioretention (No Underdrain)	1,618
109187	Los Angeles	San Vicente Blvd	Bioretention (No Underdrain)	3,233
109187	Los Angeles	Saturn St	Bioretention (No Underdrain)	360
109187	Los Angeles	W 12th St	Bioretention (No Underdrain)	626
109187	Los Angeles	W Pico Blvd	Bioretention (No Underdrain)	1,523
109187	Los Angeles	(unknown)	Bioretention (No Underdrain)	25
109187	Los Angeles	10th Ave	Bioretention (No Underdrain)	668
109187	Los Angeles	12th Ave	Bioretention (No Underdrain)	406
109187	Los Angeles	4th Ave	Bioretention (No Underdrain)	771
109187	Los Angeles	5th Ave	Bioretention (No Underdrain)	802
109187	Los Angeles	6th Ave	Bioretention (No Underdrain)	796
109187	Los Angeles	7th Ave	Bioretention (No Underdrain)	795
109187	Los Angeles	8th Ave	Bioretention (No Underdrain)	769
109187	Los Angeles	Alsace Ave	Bioretention (No Underdrain)	908
109187	Los Angeles	Buckingham Rd	Bioretention (No Underdrain)	1,675
109187	Los Angeles	Claudina Ave	Bioretention (No Underdrain)	123
109187	Los Angeles	Cologne St	Bioretention (No Underdrain)	70
109187	Los Angeles	Crenshaw Blvd	Bioretention (No Underdrain)	1,277
109187	Los Angeles	Hillcrest Dr	Bioretention (No Underdrain)	130
109187	Los Angeles	la Brea Ave	Bioretention (No Underdrain)	1,762

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Los Angeles	la Fayette Rd	Bioretention (No Underdrain)	108
109187	Los Angeles	Mascot St	Bioretention (No Underdrain)	1,418
109187	Los Angeles	Pickford St	Bioretention (No Underdrain)	4,889
109187	Los Angeles	S Bronson Ave	Bioretention (No Underdrain)	552
109187	Los Angeles	S Cloverdale Ave	Bioretention (No Underdrain)	708
109187	Los Angeles	S Cochran Ave	Bioretention (No Underdrain)	180
109187	Los Angeles	S Harcourt Ave	Bioretention (No Underdrain)	260
109187	Los Angeles	S Highland Ave	Bioretention (No Underdrain)	1,947
109187	Los Angeles	S la Brea Ave	Bioretention (No Underdrain)	1,762
109187	Los Angeles	S Longwood Ave	Bioretention (No Underdrain)	1,968
109187	Los Angeles	S Mansfield Ave	Bioretention (No Underdrain)	1,753
109187	Los Angeles	S Norton Ave	Bioretention (No Underdrain)	340
109187	Los Angeles	S Orange Dr	Bioretention (No Underdrain)	1,573
109187	Los Angeles	S Palm Grove Ave	Bioretention (No Underdrain)	120
109187	Los Angeles	S Redondo Blvd	Bioretention (No Underdrain)	977
109187	Los Angeles	S Rimpau Blvd	Bioretention (No Underdrain)	1,978
109187	Los Angeles	S Sycamore Ave	Bioretention (No Underdrain)	1,472
109187	Los Angeles	S Victoria Ave	Bioretention (No Underdrain)	1,194
109187	Los Angeles	Saint Elmo Dr	Bioretention (No Underdrain)	3,179
109187	Los Angeles	Saturn St	Bioretention (No Underdrain)	2,203
109187	Los Angeles	St Charles Pl	Bioretention (No Underdrain)	531
109187	Los Angeles	Vineyard Ave	Bioretention (No Underdrain)	2,026
109187	Los Angeles	Virginia Rd	Bioretention (No Underdrain)	1,487
109187	Los Angeles	W 17th St	Bioretention (No Underdrain)	1,376
109187	Los Angeles	W 18th St	Bioretention (No Underdrain)	2,240
109187	Los Angeles	W 21st St	Bioretention (No Underdrain)	1,817
109187	Los Angeles	W Cologne St	Bioretention (No Underdrain)	249
109187	Los Angeles	W St Charles Pl	Bioretention (No Underdrain)	3
109187	Los Angeles	W Washington Blvd	Bioretention (No Underdrain)	7,290
109187	Los Angeles	Wellington Rd	Bioretention (No Underdrain)	1,317
109187	Los Angeles	West Blvd	Bioretention (No Underdrain)	2,076
109187	Los Angeles	la Brea Ave	Bioretention (No Underdrain)	852
109187	Los Angeles	Meadowbrook Ave	Bioretention (No Underdrain)	1,121
109187	Los Angeles	Packard St	Bioretention (No Underdrain)	728
109187	Los Angeles	S Cloverdale Ave	Bioretention (No Underdrain)	1,268
109287	Los Angeles	S Cochran Ave	Bioretention (No Underdrain)	87
109287	Los Angeles	S Highland Ave	Bioretention (No Underdrain)	543
109287	Los Angeles	S la Brea Ave	Bioretention (No Underdrain)	852
109287	Los Angeles	S Longwood Ave	Bioretention (No Underdrain)	118
109287	Los Angeles	S Mansfield Ave	Bioretention (No Underdrain)	737
109287	Los Angeles	S Orange Dr	Bioretention (No Underdrain)	927
109287	Los Angeles	S Redondo Blvd	Bioretention (No Underdrain)	2,555
109287	Los Angeles	S Rimpau Blvd	Bioretention (No Underdrain)	549
109287	Los Angeles	S Sycamore Ave	Bioretention (No Underdrain)	2,255
109287	Los Angeles	San Vicente Blvd	Bioretention (No Underdrain)	728
109287	Los Angeles	St Charles Pl	Bioretention (No Underdrain)	1,182
109287	Los Angeles	Venice Blvd	Bioretention (No Underdrain)	5,594
109287	Los Angeles	W 17th St	Bioretention (No Underdrain)	833
109287	Los Angeles	W Cologne St	Bioretention (No Underdrain)	178
109287	Los Angeles	W North Venice Blvd	Bioretention (No Underdrain)	1,922
109287	Los Angeles	W Pico Blvd	Bioretention (No Underdrain)	1,010
109287	Los Angeles	W South Venice Blvd	Bioretention (No Underdrain)	1,474
109287	Los Angeles	W St Charles Pl	Bioretention (No Underdrain)	70
109287	Los Angeles	(unknown)	Bioretention (No Underdrain)	775
109287	Los Angeles	Abbey Pl	Bioretention (No Underdrain)	266

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109287	Los Angeles	Beverly Blvd	Bioretention (No Underdrain)	1,607
109287	Los Angeles	Clinton St	Bioretention (No Underdrain)	1,260
109287	Los Angeles	Country Club Dr	Bioretention (No Underdrain)	1,003
109287	Los Angeles	Crenshaw Blvd	Bioretention (No Underdrain)	3,399
109287	Los Angeles	Dockweiler St	Bioretention (No Underdrain)	1,563
109287	Los Angeles	Edgewood Pl	Bioretention (No Underdrain)	1,067
109287	Los Angeles	Francis Ave	Bioretention (No Underdrain)	1,078
109287	Los Angeles	Fremont Pl	Bioretention (No Underdrain)	101
109287	Los Angeles	Fremont Pl W	Bioretention (No Underdrain)	100
109287	Los Angeles	Keniston Ave	Bioretention (No Underdrain)	2,197
109287	Los Angeles	la Brea Ave	Bioretention (No Underdrain)	130
109287	Los Angeles	Le Claire Pl	Bioretention (No Underdrain)	538
103275	Los Angeles	Lorraine Blvd	Bioretention (No Underdrain)	5,109
103275	Los Angeles	N Beachwood Dr	Bioretention (No Underdrain)	3,546
103275	Los Angeles	N Gower St	Bioretention (No Underdrain)	3,443
103275	Los Angeles	N Irving Blvd	Bioretention (No Underdrain)	2,090
103275	Los Angeles	N Larchmont Blvd	Bioretention (No Underdrain)	3,888
103275	Los Angeles	N Plymouth Blvd	Bioretention (No Underdrain)	3,637
103275	Los Angeles	N Windsor Blvd	Bioretention (No Underdrain)	3,684
103275	Los Angeles	Queen Anne Pl	Bioretention (No Underdrain)	1,120
103275	Los Angeles	Rosewood Ave	Bioretention (No Underdrain)	1,543
103275	Los Angeles	S Arden Blvd	Bioretention (No Underdrain)	620
103275	Los Angeles	S Beachwood Dr	Bioretention (No Underdrain)	1,019
103275	Los Angeles	S Highland Ave	Bioretention (No Underdrain)	1,717
103275	Los Angeles	S Hudson Ave	Bioretention (No Underdrain)	2,324
103275	Los Angeles	S Irving Blvd	Bioretention (No Underdrain)	3,809
103275	Los Angeles	S la Brea Ave	Bioretention (No Underdrain)	130
103275	Los Angeles	S Larchmont Blvd	Bioretention (No Underdrain)	92
103275	Los Angeles	S Longwood Ave	Bioretention (No Underdrain)	2,086
103275	Los Angeles	S Lorraine Blvd	Bioretention (No Underdrain)	1,320
103275	Los Angeles	S Lucerne Blvd	Bioretention (No Underdrain)	4,693
103275	Los Angeles	S Muirfield Rd	Bioretention (No Underdrain)	482
103275	Los Angeles	S Mullen Ave	Bioretention (No Underdrain)	594
103275	Los Angeles	S Plymouth Blvd	Bioretention (No Underdrain)	7,157
103275	Los Angeles	S Rimpau Blvd	Bioretention (No Underdrain)	2,794
103275	Los Angeles	S San Vicente Blvd	Bioretention (No Underdrain)	1,526
103275	Los Angeles	S Tremaine Ave	Bioretention (No Underdrain)	2,327
103275	Los Angeles	S Victoria Ave	Bioretention (No Underdrain)	1,897
103275	Los Angeles	S Windsor Blvd	Bioretention (No Underdrain)	7,396
103275	Los Angeles	San Vicente Blvd	Bioretention (No Underdrain)	3,472
103275	Los Angeles	W 10th St	Bioretention (No Underdrain)	1,547
101483	Los Angeles	W 11th St	Bioretention (No Underdrain)	8
101583	Los Angeles	W 12th St	Bioretention (No Underdrain)	2,648
101583	Los Angeles	W 1st St	Bioretention (No Underdrain)	1,434
101583	Los Angeles	W 2nd St	Bioretention (No Underdrain)	1,382
101583	Los Angeles	W 3rd St	Bioretention (No Underdrain)	1,371
101583	Los Angeles	W 4th St	Bioretention (No Underdrain)	1,360
101583	Los Angeles	W 5th St	Bioretention (No Underdrain)	1,581
101583	Los Angeles	W 6th St	Bioretention (No Underdrain)	2,022
102383	Los Angeles	W 8th St	Bioretention (No Underdrain)	1,650
102383	Los Angeles	W 9th St	Bioretention (No Underdrain)	1,155
102383	Los Angeles	W Olympic Blvd	Bioretention (No Underdrain)	2,536
102583	Los Angeles	W Pico Blvd	Bioretention (No Underdrain)	2,385
102583	Los Angeles	West Blvd	Bioretention (No Underdrain)	1,423
102583	Los Angeles	Wilshire Blvd	Bioretention (No Underdrain)	2,733

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102583	Los Angeles	(unknown)	Biofiltration (Underdrain)	483
102583	Los Angeles	Beverly Blvd	Biofiltration (Underdrain)	2,586
102583	Los Angeles	Carling Way	Biofiltration (Underdrain)	1,091
102583	Los Angeles	Dockweiler St	Biofiltration (Underdrain)	579
102583	Los Angeles	Edgewood Pl	Biofiltration (Underdrain)	4,132
102583	Los Angeles	Hudson Pl	Biofiltration (Underdrain)	799
102583	Los Angeles	Keniston Ave	Biofiltration (Underdrain)	2,702
102583	Los Angeles	la Brea Ave	Biofiltration (Underdrain)	9,694
102583	Los Angeles	Longwood Pl	Biofiltration (Underdrain)	546
102583	Los Angeles	Meadowbrook Ave	Biofiltration (Underdrain)	1,542
102583	Los Angeles	N Arden Blvd	Biofiltration (Underdrain)	2,151
102583	Los Angeles	N Citrus Ave	Biofiltration (Underdrain)	877
102583	Los Angeles	N Highland Ave	Biofiltration (Underdrain)	1,810
102583	Los Angeles	N Hudson Ave	Biofiltration (Underdrain)	754
102583	Los Angeles	N June St	Biofiltration (Underdrain)	834
102583	Los Angeles	N la Brea Ave	Biofiltration (Underdrain)	871
102583	Los Angeles	N Las Palmas Ave	Biofiltration (Underdrain)	910
102583	Los Angeles	N Lucerne Blvd	Biofiltration (Underdrain)	2,762
102583	Los Angeles	N Mansfield Ave	Biofiltration (Underdrain)	842
102583	Los Angeles	N Mc Cadden Pl	Biofiltration (Underdrain)	886
102583	Los Angeles	N McCadden Pl	Biofiltration (Underdrain)	886
102883	Los Angeles	N Orange Dr	Biofiltration (Underdrain)	870
102883	Los Angeles	N Rossmore Ave	Biofiltration (Underdrain)	1,495
102883	Los Angeles	N Sycamore Ave	Biofiltration (Underdrain)	865
102883	Los Angeles	Packard St	Biofiltration (Underdrain)	52
102883	Los Angeles	Rosewood Ave	Biofiltration (Underdrain)	573
102883	Los Angeles	S Arden Blvd	Biofiltration (Underdrain)	3,434
102883	Los Angeles	S Beachwood Dr	Biofiltration (Underdrain)	124
102883	Los Angeles	S Citrus Ave	Biofiltration (Underdrain)	8,661
102883	Los Angeles	S Cloverdale Ave	Biofiltration (Underdrain)	4,542
102883	Los Angeles	S Cochran Ave	Biofiltration (Underdrain)	4,413
102883	Los Angeles	S Detroit St	Biofiltration (Underdrain)	4,329
102883	Los Angeles	S Dunsmuir Ave	Biofiltration (Underdrain)	640
102883	Los Angeles	S Highland Ave	Biofiltration (Underdrain)	12,163
102883	Los Angeles	S Hudson Ave	Biofiltration (Underdrain)	7,207
102883	Los Angeles	S June St	Biofiltration (Underdrain)	4,151
102883	Los Angeles	S la Brea Ave	Biofiltration (Underdrain)	9,935
102883	Los Angeles	S Larchmont Blvd	Biofiltration (Underdrain)	2,876
102883	Los Angeles	S Las Palmas Ave	Biofiltration (Underdrain)	3,157
102883	Los Angeles	S Longwood Ave	Biofiltration (Underdrain)	2,950
102883	Los Angeles	S Lucerne Blvd	Biofiltration (Underdrain)	2,909
102883	Los Angeles	S Mansfield Ave	Biofiltration (Underdrain)	7,990
102883	Los Angeles	S Mc Cadden Pl	Biofiltration (Underdrain)	4,191
102883	Los Angeles	S McCadden Pl	Biofiltration (Underdrain)	4,191
102883	Los Angeles	S Muirfield Rd	Biofiltration (Underdrain)	6,234
102883	Los Angeles	S Mullen Ave	Biofiltration (Underdrain)	2,067
102883	Los Angeles	S Orange Dr	Biofiltration (Underdrain)	8,964
102883	Los Angeles	S Redondo Blvd	Biofiltration (Underdrain)	2,029
102883	Los Angeles	S Rimpau Blvd	Biofiltration (Underdrain)	5,345
102883	Los Angeles	S Rossmore Ave	Biofiltration (Underdrain)	4,054
102883	Los Angeles	S San Vicente Blvd	Biofiltration (Underdrain)	1,481
102883	Los Angeles	S Sycamore Ave	Biofiltration (Underdrain)	8,334
102883	Los Angeles	S Tremaine Ave	Biofiltration (Underdrain)	2,777
102883	Los Angeles	San Vicente Blvd	Biofiltration (Underdrain)	2,193
102883	Los Angeles	W 12th St	Biofiltration (Underdrain)	2,262

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102883	Los Angeles	W 1st St	Biofiltration (Underdrain)	4,218
102883	Los Angeles	W 2nd St	Biofiltration (Underdrain)	5,113
102883	Los Angeles	W 3rd St	Biofiltration (Underdrain)	6,312
102883	Los Angeles	W 4th St	Biofiltration (Underdrain)	7,432
102883	Los Angeles	W 5th St	Biofiltration (Underdrain)	1,826
102883	Los Angeles	W 6th St	Biofiltration (Underdrain)	7,009
102883	Los Angeles	W 8th St	Biofiltration (Underdrain)	6,110
102883	Los Angeles	W 9th St	Biofiltration (Underdrain)	6,181
102883	Los Angeles	W Edgewood Pl	Biofiltration (Underdrain)	100
102883	Los Angeles	W Olympic Blvd	Biofiltration (Underdrain)	5,699
102883	Los Angeles	W Pico Blvd	Biofiltration (Underdrain)	722
102883	Los Angeles	W Wilshire Blvd	Biofiltration (Underdrain)	1,370
102883	Los Angeles	West Blvd	Biofiltration (Underdrain)	39
102883	Los Angeles	Wilshire Blvd	Biofiltration (Underdrain)	6,002
102883	Los Angeles	(unknown)	Biofiltration (Underdrain)	148
102883	Los Angeles	Alcyona Dr	Biofiltration (Underdrain)	27
102883	Los Angeles	Arden Pl	Biofiltration (Underdrain)	257
102883	Los Angeles	Arrowhead Dr	Biofiltration (Underdrain)	920
102883	Los Angeles	Arrowhead Pl	Biofiltration (Underdrain)	125
102883	Los Angeles	Banner Ave	Biofiltration (Underdrain)	115
103083	Los Angeles	Barton Ave	Biofiltration (Underdrain)	1,263
103083	Los Angeles	Bella Vista Way	Biofiltration (Underdrain)	19
103083	Los Angeles	Beverly Blvd	Biofiltration (Underdrain)	92
103083	Los Angeles	Bryn Mawr Dr	Biofiltration (Underdrain)	71
103083	Los Angeles	Cahuenga Ter	Biofiltration (Underdrain)	29
103083	Los Angeles	Camerford Ave	Biofiltration (Underdrain)	1,318
103083	Los Angeles	Canyon Lake Dr	Biofiltration (Underdrain)	545
103083	Los Angeles	Cerritos Pl	Biofiltration (Underdrain)	128
103083	Los Angeles	Clinton St	Biofiltration (Underdrain)	2,638
103083	Los Angeles	Cole Ave	Biofiltration (Underdrain)	4,355
103083	Los Angeles	Cole Pl	Biofiltration (Underdrain)	1,196
103083	Los Angeles	Cosmo St	Biofiltration (Underdrain)	666
103083	Los Angeles	Crest Way	Biofiltration (Underdrain)	29
103083	Los Angeles	Creston Dr	Biofiltration (Underdrain)	333
103083	Los Angeles	de Longpre Ave	Biofiltration (Underdrain)	1,624
103083	Los Angeles	Deep Dell Pl	Biofiltration (Underdrain)	244
103083	Los Angeles	Dix St	Biofiltration (Underdrain)	524
103083	Los Angeles	Durand Dr	Biofiltration (Underdrain)	29
103083	Los Angeles	el Contento Dr	Biofiltration (Underdrain)	100
103083	Los Angeles	Eleanor Ave	Biofiltration (Underdrain)	1,940
103083	Los Angeles	Fink Pl	Biofiltration (Underdrain)	124
103083	Los Angeles	Fink St	Biofiltration (Underdrain)	130
103083	Los Angeles	Fountain Ave	Biofiltration (Underdrain)	2,540
103083	Los Angeles	Franklin Ave	Biofiltration (Underdrain)	967
103083	Los Angeles	Gilday Dr	Biofiltration (Underdrain)	25
103083	Los Angeles	Gordon St	Biofiltration (Underdrain)	2,348
103083	Los Angeles	Grace Ave	Biofiltration (Underdrain)	132
103083	Los Angeles	Gregory Ave	Biofiltration (Underdrain)	1,261
103083	Los Angeles	Holly Dr	Biofiltration (Underdrain)	2,105
103083	Los Angeles	Hollywood Blvd	Biofiltration (Underdrain)	845
103083	Los Angeles	Homewood Ave	Biofiltration (Underdrain)	1,267
103083	Los Angeles	Iris Dr	Biofiltration (Underdrain)	104
103083	Los Angeles	Iris Pl	Biofiltration (Underdrain)	144
103083	Los Angeles	Ivar Ave	Biofiltration (Underdrain)	2,614
103083	Los Angeles	Ivarene Ave	Biofiltration (Underdrain)	193

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103083	Los Angeles	la Mirada Ave	Biofiltration (Underdrain)	1,671
103083	Los Angeles	la Rocha Dr	Biofiltration (Underdrain)	66
103083	Los Angeles	Lake Hollywood Dr	Biofiltration (Underdrain)	3
103083	Los Angeles	Lakeridge Dr	Biofiltration (Underdrain)	1,045
103083	Los Angeles	Lakeridge Rd	Biofiltration (Underdrain)	45
103083	Los Angeles	Leland Way	Biofiltration (Underdrain)	422
103083	Los Angeles	Lexington Ave	Biofiltration (Underdrain)	3,173
103083	Los Angeles	Lillian Way	Biofiltration (Underdrain)	4,748
103083	Los Angeles	Lodi Pl	Biofiltration (Underdrain)	473
103083	Los Angeles	Melrose Ave	Biofiltration (Underdrain)	3,870
103083	Los Angeles	Mirror Lake Dr	Biofiltration (Underdrain)	203
103083	Los Angeles	Montlake Dr	Biofiltration (Underdrain)	93
103083	Los Angeles	Mound St	Biofiltration (Underdrain)	164
103083	Los Angeles	Mulholland Hwy	Biofiltration (Underdrain)	179
103083	Los Angeles	N Arden Blvd	Biofiltration (Underdrain)	1,659
103083	Los Angeles	N Beachwood Dr	Biofiltration (Underdrain)	1,134
103083	Los Angeles	N Bronson Ave	Biofiltration (Underdrain)	175
103083	Los Angeles	N Cahuenga Blvd	Biofiltration (Underdrain)	10,439
103083	Los Angeles	N el Centro Ave	Biofiltration (Underdrain)	2,983
103083	Los Angeles	N Gower St	Biofiltration (Underdrain)	2,253
103083	Los Angeles	N Grace Ave	Biofiltration (Underdrain)	132
103083	Los Angeles	N Hudson Ave	Biofiltration (Underdrain)	2,059
103083	Los Angeles	N Ivar Ave	Biofiltration (Underdrain)	177
103083	Los Angeles	N June St	Biofiltration (Underdrain)	653
103083	Los Angeles	N Larchmont Blvd	Biofiltration (Underdrain)	1,082
103083	Los Angeles	N Lucerne Blvd	Biofiltration (Underdrain)	1,048
103283	Los Angeles	N Plymouth Blvd	Biofiltration (Underdrain)	29
103283	Los Angeles	N Rossmore Ave	Biofiltration (Underdrain)	2,314
103283	Los Angeles	N San Marco Dr	Biofiltration (Underdrain)	14
103283	Los Angeles	N Whitley Ave	Biofiltration (Underdrain)	48
103283	Los Angeles	N Wilcox Ave	Biofiltration (Underdrain)	3,237
103283	Los Angeles	Oakwood Ave	Biofiltration (Underdrain)	27
103283	Los Angeles	Odin St	Biofiltration (Underdrain)	372
103283	Los Angeles	Pitcher Rd	Biofiltration (Underdrain)	2
103783	Los Angeles	Primrose Ave	Biofiltration (Underdrain)	659
103783	Los Angeles	Quebec Dr	Biofiltration (Underdrain)	57
104083	Los Angeles	Rinconia Dr	Biofiltration (Underdrain)	176
105883	Los Angeles	Romaine St	Biofiltration (Underdrain)	2,682
105883	Los Angeles	Rosewood Ave	Biofiltration (Underdrain)	1,625
106083	Los Angeles	San Marco Dr	Biofiltration (Underdrain)	187
106083	Los Angeles	Selma Ave	Biofiltration (Underdrain)	927
106083	Los Angeles	Seward St	Biofiltration (Underdrain)	3,452
106783	Los Angeles	Tahoe Dr	Biofiltration (Underdrain)	158
106783	Los Angeles	Tahoe Pl	Biofiltration (Underdrain)	62
106783	Los Angeles	Tamarind Ave	Biofiltration (Underdrain)	2,402
106783	Los Angeles	Vedanta Pl	Biofiltration (Underdrain)	55
106783	Los Angeles	Vedanta Ter	Biofiltration (Underdrain)	358
106783	Los Angeles	Vine St	Biofiltration (Underdrain)	3,087
106783	Los Angeles	W Bella Vista Way	Biofiltration (Underdrain)	17
106783	Los Angeles	W Cerritos Pl	Biofiltration (Underdrain)	128
106783	Los Angeles	W Franklin Ave	Biofiltration (Underdrain)	721
106783	Los Angeles	W Mulholland Hwy	Biofiltration (Underdrain)	57
106783	Los Angeles	W Yucca St	Biofiltration (Underdrain)	199
106783	Los Angeles	Waring Ave	Biofiltration (Underdrain)	3,031
106783	Los Angeles	Weidlake Dr	Biofiltration (Underdrain)	6

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
106783	Los Angeles	Whitley Ave	Biofiltration (Underdrain)	48
106783	Los Angeles	Wilcox Ave	Biofiltration (Underdrain)	7,363
106783	Los Angeles	Wilcox Pl	Biofiltration (Underdrain)	536
106783	Los Angeles	Willetta Ave	Biofiltration (Underdrain)	243
106783	Los Angeles	Willoughby Ave	Biofiltration (Underdrain)	2,674
106783	Los Angeles	Wonder View Dr	Biofiltration (Underdrain)	117
106783	Los Angeles	Yucca St	Biofiltration (Underdrain)	1,100
106783	Los Angeles	(unknown)	Biofiltration (Underdrain)	105
106783	Los Angeles	(Unnamed Fire Road)	Biofiltration (Underdrain)	17
106783	Los Angeles	Afton Pl	Biofiltration (Underdrain)	1,320
106783	Los Angeles	Allview Ter W	Biofiltration (Underdrain)	23
106783	Los Angeles	Alto Oak Dr	Biofiltration (Underdrain)	28
106783	Los Angeles	Argosy Way	Biofiltration (Underdrain)	35
106783	Los Angeles	Argyle Ave	Biofiltration (Underdrain)	2,741
106783	Los Angeles	Banner Ave	Biofiltration (Underdrain)	545
106783	Los Angeles	Beachwood Ter	Biofiltration (Underdrain)	326
106783	Los Angeles	Belden Dr	Biofiltration (Underdrain)	317
106783	Los Angeles	Briarcliff Rd	Biofiltration (Underdrain)	28
106783	Los Angeles	Bronson Hill Dr	Biofiltration (Underdrain)	101
106783	Los Angeles	Canyon Cove	Biofiltration (Underdrain)	221
106783	Los Angeles	Canyon Dr	Biofiltration (Underdrain)	5,460
106783	Los Angeles	Canyon Heights Ln	Biofiltration (Underdrain)	53
106783	Los Angeles	Canyon Oak Dr	Biofiltration (Underdrain)	326
106783	Los Angeles	Carlos Ave	Biofiltration (Underdrain)	1,763
106783	Los Angeles	Carlton Way	Biofiltration (Underdrain)	1,659
106783	Los Angeles	Carmen Ave	Biofiltration (Underdrain)	758
106783	Los Angeles	Carmen Pl	Biofiltration (Underdrain)	179
106783	Los Angeles	Carolus Dr	Biofiltration (Underdrain)	63
106783	Los Angeles	Cazaux Dr	Biofiltration (Underdrain)	61
106783	Los Angeles	Cheremoya Ave	Biofiltration (Underdrain)	1,748
106783	Los Angeles	Chula Vista Way	Biofiltration (Underdrain)	735
106783	Los Angeles	Cocos Dr	Biofiltration (Underdrain)	168
106783	Los Angeles	Creston Dr	Biofiltration (Underdrain)	22
106783	Los Angeles	de Longpre Ave	Biofiltration (Underdrain)	2,030
106783	Los Angeles	Deronda Dr	Biofiltration (Underdrain)	142
106783	Los Angeles	Dix St	Biofiltration (Underdrain)	316
106783	Los Angeles	Dorcas Pl	Biofiltration (Underdrain)	36
106783	Los Angeles	Durand Dr	Biofiltration (Underdrain)	113
106783	Los Angeles	Flag St	Biofiltration (Underdrain)	8
106783	Los Angeles	Foothill Dr	Biofiltration (Underdrain)	826
106783	Los Angeles	Fountain Ave	Biofiltration (Underdrain)	2,315
106783	Los Angeles	Franklin Ave	Biofiltration (Underdrain)	2,622
106783	Los Angeles	Glen Airy St	Biofiltration (Underdrain)	100
106783	Los Angeles	Glen Alder St	Biofiltration (Underdrain)	222
106783	Los Angeles	Glen Green St	Biofiltration (Underdrain)	454
106783	Los Angeles	Glen Green Ter	Biofiltration (Underdrain)	51
106783	Los Angeles	Glen Holly St	Biofiltration (Underdrain)	213
106783	Los Angeles	Glen Oak St	Biofiltration (Underdrain)	238
106783	Los Angeles	Glen Tower St	Biofiltration (Underdrain)	144
106983	Los Angeles	Gordon St	Biofiltration (Underdrain)	808
108083	Los Angeles	Graciosa Dr	Biofiltration (Underdrain)	634
108083	Los Angeles	Green Oak Dr	Biofiltration (Underdrain)	294
108083	Los Angeles	Harold Way	Biofiltration (Underdrain)	530
108083	Los Angeles	Heather Dr	Biofiltration (Underdrain)	21
108083	Los Angeles	Helios Dr	Biofiltration (Underdrain)	7

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
108083	Los Angeles	Holly Oak Dr	Biofiltration (Underdrain)	88
108083	Los Angeles	Hollyridge Dr	Biofiltration (Underdrain)	804
108083	Los Angeles	Hollyridge Loop	Biofiltration (Underdrain)	221
108083	Los Angeles	Hollywood Blvd	Biofiltration (Underdrain)	3,255
108083	Los Angeles	Homewood Ave	Biofiltration (Underdrain)	378
108083	Los Angeles	Ivar Ave	Biofiltration (Underdrain)	1,019
108183	Los Angeles	la Baig Ave	Biofiltration (Underdrain)	721
108883	Los Angeles	la Mirada Ave	Biofiltration (Underdrain)	973
117583	Los Angeles	Lambert Pl	Biofiltration (Underdrain)	12
117583	Los Angeles	Ledgewood Dr	Biofiltration (Underdrain)	345
117583	Los Angeles	Leland Way	Biofiltration (Underdrain)	889
117583	Los Angeles	Lexington Ave	Biofiltration (Underdrain)	1,436
117583	Los Angeles	Libby Way	Biofiltration (Underdrain)	27
117583	Los Angeles	Locksley Pl	Biofiltration (Underdrain)	65
117583	Los Angeles	Lodi Pl	Biofiltration (Underdrain)	724
117583	Los Angeles	Morningside Ct	Biofiltration (Underdrain)	526
117583	Los Angeles	Mount Beacon Ter	Biofiltration (Underdrain)	57
117583	Los Angeles	Mulholland Hwy	Biofiltration (Underdrain)	48
108887	Los Angeles	N Argyle Ave	Biofiltration (Underdrain)	171
108887	Los Angeles	N Beachwood Dr	Biofiltration (Underdrain)	7,292
108887	Los Angeles	N Bronson Ave	Biofiltration (Underdrain)	3,362
108887	Los Angeles	N el Centro Ave	Biofiltration (Underdrain)	3,170
108887	Los Angeles	N Gower St	Biofiltration (Underdrain)	5,466
108887	Los Angeles	N Hollyridge Dr	Biofiltration (Underdrain)	230
108887	Los Angeles	N Ivar Ave	Biofiltration (Underdrain)	24
108887	Los Angeles	N Van Ness Ave	Biofiltration (Underdrain)	1,511
108887	Los Angeles	N Wetona Dr	Biofiltration (Underdrain)	17
108887	Los Angeles	Park Oak Dr	Biofiltration (Underdrain)	618
108887	Los Angeles	Park Oak Pl	Biofiltration (Underdrain)	103
108887	Los Angeles	Pelham Pl	Biofiltration (Underdrain)	10
108887	Los Angeles	Primrose Ave	Biofiltration (Underdrain)	63
108887	Los Angeles	Rockcliff Dr	Biofiltration (Underdrain)	137
108887	Los Angeles	Rodgerton Dr	Biofiltration (Underdrain)	176
108887	Los Angeles	Rutherford Dr	Biofiltration (Underdrain)	30
108887	Los Angeles	S Yucca St	Biofiltration (Underdrain)	187
108887	Los Angeles	Scenic Ave	Biofiltration (Underdrain)	367
108887	Los Angeles	Selma Ave	Biofiltration (Underdrain)	2,347
108887	Los Angeles	Spring Oak Dr	Biofiltration (Underdrain)	229
108887	Los Angeles	Spring Oak Ter	Biofiltration (Underdrain)	86
108887	Los Angeles	Tamarind Ave	Biofiltration (Underdrain)	1,261
108887	Los Angeles	Temple Hill Dr	Biofiltration (Underdrain)	277
108887	Los Angeles	Tuxedo Ter	Biofiltration (Underdrain)	334
108887	Los Angeles	Valley Oak Dr	Biofiltration (Underdrain)	231
108887	Los Angeles	Vine St	Biofiltration (Underdrain)	4,467
108887	Los Angeles	Vista del Mar Ave	Biofiltration (Underdrain)	2,127
108887	Los Angeles	Vista del Mar St	Biofiltration (Underdrain)	2,127
108887	Los Angeles	W Glen Oak	Biofiltration (Underdrain)	173
108887	Los Angeles	Westshire Dr	Biofiltration (Underdrain)	201
108887	Los Angeles	Winans Dr	Biofiltration (Underdrain)	372
109087	Los Angeles	Woodhaven Dr	Biofiltration (Underdrain)	7
109087	Los Angeles	Woodshire Dr	Biofiltration (Underdrain)	15
109087	Los Angeles	Yucca St	Biofiltration (Underdrain)	1,230
109087	Los Angeles	(unknown)	Bioretention (No Underdrain)	604
109087	Los Angeles	12th Ave	Bioretention (No Underdrain)	943
109087	Los Angeles	2nd Ave	Bioretention (No Underdrain)	1,413

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109087	Los Angeles	3rd Ave	Bioretention (No Underdrain)	2,200
109087	Los Angeles	4th Ave	Bioretention (No Underdrain)	1,530
109087	Los Angeles	5th Ave	Bioretention (No Underdrain)	1,396
109087	Los Angeles	6th Ave	Bioretention (No Underdrain)	1,542
109087	Los Angeles	7th Ave	Bioretention (No Underdrain)	1,266
109087	Los Angeles	8th Ave	Bioretention (No Underdrain)	240
109087	Los Angeles	Arapahoe St	Bioretention (No Underdrain)	3,601
109087	Los Angeles	Arlington Ave	Bioretention (No Underdrain)	3,117
109087	Los Angeles	Buckingham Rd	Bioretention (No Underdrain)	1,000
109087	Los Angeles	Cambridge St	Bioretention (No Underdrain)	2,650
109087	Los Angeles	Cimarron St	Bioretention (No Underdrain)	2,723
109087	Los Angeles	Crenshaw Blvd	Bioretention (No Underdrain)	1,590
109087	Los Angeles	Dewey Ave	Bioretention (No Underdrain)	993
109087	Los Angeles	E Gramercy Park	Bioretention (No Underdrain)	249
109087	Los Angeles	Elden Ave	Bioretention (No Underdrain)	118
109187	Los Angeles	Fedora St	Bioretention (No Underdrain)	1,344
109187	Los Angeles	Francis Ave	Bioretention (No Underdrain)	91
109187	Los Angeles	Gramercy Park	Bioretention (No Underdrain)	379
109187	Los Angeles	James M Wood Blvd	Bioretention (No Underdrain)	322
109187	Los Angeles	Johnnie Cochran Vis	Bioretention (No Underdrain)	824
109187	Los Angeles	la Fayette Rd	Bioretention (No Underdrain)	957
109187	Los Angeles	Leeward Ave	Bioretention (No Underdrain)	105
109187	Los Angeles	Lomita St	Bioretention (No Underdrain)	1,418
109187	Los Angeles	Magnolia Ave	Bioretention (No Underdrain)	814
109187	Los Angeles	Menlo Ave	Bioretention (No Underdrain)	1,113
109187	Los Angeles	N Normandie Ave	Bioretention (No Underdrain)	230
109187	Los Angeles	N Rimpau Blvd	Bioretention (No Underdrain)	21
109187	Los Angeles	Nadeau Dr	Bioretention (No Underdrain)	24
109187	Los Angeles	Orchard Ave	Bioretention (No Underdrain)	777
109187	Los Angeles	Roosevelt Ave	Bioretention (No Underdrain)	896
109187	Los Angeles	S Alvarado St	Bioretention (No Underdrain)	1,384
109187	Los Angeles	S Ardmore Ave	Bioretention (No Underdrain)	2,306
109187	Los Angeles	S Berendo St	Bioretention (No Underdrain)	1,050
109187	Los Angeles	S Bonnie Brae St	Bioretention (No Underdrain)	48
109187	Los Angeles	S Bronson Ave	Bioretention (No Underdrain)	2,496
109187	Los Angeles	S Catalina St	Bioretention (No Underdrain)	1,350
109187	Los Angeles	S Coronado St	Bioretention (No Underdrain)	475
109187	Los Angeles	S Gramercy Pl	Bioretention (No Underdrain)	3,734
109187	Los Angeles	S Harvard Blvd	Bioretention (No Underdrain)	2,462
109187	Los Angeles	S Hobart Blvd	Bioretention (No Underdrain)	2,546
109187	Los Angeles	S Hoover St	Bioretention (No Underdrain)	2,961
109187	Los Angeles	S Kenmore Ave	Bioretention (No Underdrain)	1,342
109187	Los Angeles	S Kingsley Dr	Bioretention (No Underdrain)	744
109187	Los Angeles	S Lake St	Bioretention (No Underdrain)	770
109187	Los Angeles	S Manhattan Pl	Bioretention (No Underdrain)	1,649
109187	Los Angeles	S Mariposa Ave	Bioretention (No Underdrain)	712
109187	Los Angeles	S Nadeau Dr	Bioretention (No Underdrain)	30
109187	Los Angeles	S New Hampshire Ave	Bioretention (No Underdrain)	1,206
109187	Los Angeles	S Normandie Ave	Bioretention (No Underdrain)	2,292
109187	Los Angeles	S Norton Ave	Bioretention (No Underdrain)	506
109187	Los Angeles	S Oxford Ave	Bioretention (No Underdrain)	3,020
109187	Los Angeles	S Rampart Blvd	Bioretention (No Underdrain)	18
109187	Los Angeles	S Rimpau Blvd	Bioretention (No Underdrain)	149
109187	Los Angeles	S St Andrews Pl	Bioretention (No Underdrain)	2,221
109187	Los Angeles	S Van Ness Ave	Bioretention (No Underdrain)	2,053

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Los Angeles	S Vermont Ave	Bioretention (No Underdrain)	1,044
109187	Los Angeles	S Victoria Ave	Bioretention (No Underdrain)	1,799
109187	Los Angeles	S Western Ave	Bioretention (No Underdrain)	3,195
109187	Los Angeles	S Westlake Ave	Bioretention (No Underdrain)	631
109187	Los Angeles	S Westmoreland Ave	Bioretention (No Underdrain)	1,188
109187	Los Angeles	S Wilton Pl	Bioretention (No Underdrain)	1,988
109187	Los Angeles	San Marino St	Bioretention (No Underdrain)	1,088
109187	Los Angeles	St Charles Pl	Bioretention (No Underdrain)	1,994
109187	Los Angeles	Sunset Pl	Bioretention (No Underdrain)	111
109187	Los Angeles	Venice Blvd	Bioretention (No Underdrain)	15,285
109187	Los Angeles	Victoria Park Dr	Bioretention (No Underdrain)	34
109187	Los Angeles	Vineyard Ave	Bioretention (No Underdrain)	386
109187	Los Angeles	Virginia Rd	Bioretention (No Underdrain)	1,017
109187	Los Angeles	W 11th Pl	Bioretention (No Underdrain)	728
109187	Los Angeles	W 11th St	Bioretention (No Underdrain)	365
109187	Los Angeles	W 12th St	Bioretention (No Underdrain)	2,717
109187	Los Angeles	W 14th St	Bioretention (No Underdrain)	1,404
109187	Los Angeles	W 15th St	Bioretention (No Underdrain)	6,516
109187	Los Angeles	W 16th Pl	Bioretention (No Underdrain)	976
109187	Los Angeles	W 17th St	Bioretention (No Underdrain)	3,016
109187	Los Angeles	W 18th St	Bioretention (No Underdrain)	3,698
109187	Los Angeles	W 20th St	Bioretention (No Underdrain)	2,636
109187	Los Angeles	W 21st St	Bioretention (No Underdrain)	2,278
109187	Los Angeles	W 22nd St	Bioretention (No Underdrain)	21
109187	Los Angeles	W 23rd St	Bioretention (No Underdrain)	1,281
109187	Los Angeles	W 24th St	Bioretention (No Underdrain)	2,695
109187	Los Angeles	W 25th St	Bioretention (No Underdrain)	76
109187	Los Angeles	W 7th St	Bioretention (No Underdrain)	89
109187	Los Angeles	W 8th St	Bioretention (No Underdrain)	113
109187	Los Angeles	W 9th St	Bioretention (No Underdrain)	912
109187	Los Angeles	W Gramercy Park	Bioretention (No Underdrain)	379
109187	Los Angeles	W James M Wood Blvd	Bioretention (No Underdrain)	590
109187	Los Angeles	W Olympic Blvd	Bioretention (No Underdrain)	313
109187	Los Angeles	W Pico Blvd	Bioretention (No Underdrain)	4,338
109187	Los Angeles	W St Charles Pl	Bioretention (No Underdrain)	1,090
109187	Los Angeles	W Washington Blvd	Bioretention (No Underdrain)	4,346
109187	Los Angeles	Wellington Rd	Bioretention (No Underdrain)	1,034
109187	Los Angeles	West Blvd	Bioretention (No Underdrain)	601
109187	Los Angeles	Westmoreland Blvd	Bioretention (No Underdrain)	1,321
109187	Los Angeles	(unknown)	Biofiltration (Underdrain)	3,244
109187	Los Angeles	Bellevue Ave	Biofiltration (Underdrain)	2,279
109187	Los Angeles	Beverly Blvd	Biofiltration (Underdrain)	5,075
109187	Los Angeles	Clinton St	Biofiltration (Underdrain)	1,101
109187	Los Angeles	Coronado Ter	Biofiltration (Underdrain)	1,063
109187	Los Angeles	Council St	Biofiltration (Underdrain)	3,028
109187	Los Angeles	Crandall St	Biofiltration (Underdrain)	634
109187	Los Angeles	Dryden Pl	Biofiltration (Underdrain)	739
109187	Los Angeles	Glassell St	Biofiltration (Underdrain)	620
109187	Los Angeles	Hyans St	Biofiltration (Underdrain)	1,072
109287	Los Angeles	Kent St	Biofiltration (Underdrain)	1,436
109287	Los Angeles	Marathon St	Biofiltration (Underdrain)	1,018
109287	Los Angeles	Merwin St	Biofiltration (Underdrain)	69
109287	Los Angeles	Miramar St	Biofiltration (Underdrain)	1,728
109287	Los Angeles	Mohawk St	Biofiltration (Underdrain)	390
109287	Los Angeles	N Alvarado St	Biofiltration (Underdrain)	1,479

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109287	Los Angeles	N Benton Way	Biofiltration (Underdrain)	2,436
109287	Los Angeles	N Bonnie Brae St	Biofiltration (Underdrain)	2,357
109287	Los Angeles	N Burlington Ave	Biofiltration (Underdrain)	1,984
109287	Los Angeles	N Carondelet St	Biofiltration (Underdrain)	1,233
109287	Los Angeles	N Coronado St	Biofiltration (Underdrain)	3,247
109287	Los Angeles	N Hollywood Fwy	Biofiltration (Underdrain)	107
109287	Los Angeles	N la Fayette Park Pl	Biofiltration (Underdrain)	409
109287	Los Angeles	N Lake St	Biofiltration (Underdrain)	1,565
109287	Los Angeles	N Mountain View Ave	Biofiltration (Underdrain)	1,481
109287	Los Angeles	N Occidental Blvd	Biofiltration (Underdrain)	1,641
109287	Los Angeles	N Park View St	Biofiltration (Underdrain)	1,493
109287	Los Angeles	N Rampart Blvd	Biofiltration (Underdrain)	2,726
109287	Los Angeles	N Reno St	Biofiltration (Underdrain)	826
109287	Los Angeles	N Rosemont Ave	Biofiltration (Underdrain)	195
109287	Los Angeles	N Scout Way	Biofiltration (Underdrain)	146
109287	Los Angeles	N Union Ave	Biofiltration (Underdrain)	1,606
109287	Los Angeles	N Waterloo St	Biofiltration (Underdrain)	251
109287	Los Angeles	N Westlake Ave	Biofiltration (Underdrain)	1,282
109287	Los Angeles	Ocean View Ave	Biofiltration (Underdrain)	1,790
109287	Los Angeles	Parkman Ave	Biofiltration (Underdrain)	126
109287	Los Angeles	Plata St	Biofiltration (Underdrain)	439
109287	Los Angeles	Rockwood St	Biofiltration (Underdrain)	326
109287	Los Angeles	Roselake Ave	Biofiltration (Underdrain)	1,391
109287	Los Angeles	Rosemont Ave	Biofiltration (Underdrain)	3,160
109287	Los Angeles	Rosenell Ter	Biofiltration (Underdrain)	238
109287	Los Angeles	S Alvarado St	Biofiltration (Underdrain)	1,499
103275	Los Angeles	S Benton Way	Biofiltration (Underdrain)	2,522
103275	Los Angeles	S Bonnie Brae St	Biofiltration (Underdrain)	1,032
103275	Los Angeles	S Burlington Ave	Biofiltration (Underdrain)	64
103275	Los Angeles	S Carondelet St	Biofiltration (Underdrain)	1,896
103275	Los Angeles	S Coronado St	Biofiltration (Underdrain)	1,836
103275	Los Angeles	S Grand View St	Biofiltration (Underdrain)	1,360
103275	Los Angeles	S la Fayette Park Pl	Biofiltration (Underdrain)	3,579
103275	Los Angeles	S Lafayette Park Pl	Biofiltration (Underdrain)	674
103275	Los Angeles	S Lake St	Biofiltration (Underdrain)	2,019
103275	Los Angeles	S Mountain View Ave	Biofiltration (Underdrain)	837
103275	Los Angeles	S Occidental Blvd	Biofiltration (Underdrain)	1,691
103275	Los Angeles	S Park View St	Biofiltration (Underdrain)	2,395
103275	Los Angeles	S Rampart Blvd	Biofiltration (Underdrain)	3,582
103275	Los Angeles	S Reno St	Biofiltration (Underdrain)	865
103275	Los Angeles	S Westlake Ave	Biofiltration (Underdrain)	1,085
103275	Los Angeles	Santa Ynez St	Biofiltration (Underdrain)	670
103275	Los Angeles	Scout Way	Biofiltration (Underdrain)	703
103275	Los Angeles	Valley St	Biofiltration (Underdrain)	1,212
103275	Los Angeles	W 2nd St	Biofiltration (Underdrain)	2,367
103275	Los Angeles	W 3rd St	Biofiltration (Underdrain)	3,015
103275	Los Angeles	W 4th St	Biofiltration (Underdrain)	1,115
103275	Los Angeles	W 5th St	Biofiltration (Underdrain)	202
103275	Los Angeles	W 6th St	Biofiltration (Underdrain)	2,701
103275	Los Angeles	W Clinton St	Biofiltration (Underdrain)	1,101
103275	Los Angeles	W Court St	Biofiltration (Underdrain)	2,285
103275	Los Angeles	W Kent St	Biofiltration (Underdrain)	631
103275	Los Angeles	W Plata St	Biofiltration (Underdrain)	25
103275	Los Angeles	W Santa Ynez St	Biofiltration (Underdrain)	267
103275	Los Angeles	W Temple St	Biofiltration (Underdrain)	4,772

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
101483	Los Angeles	Waterloo St	Biofiltration (Underdrain)	1,263
101583	Los Angeles	Wilshire Blvd	Biofiltration (Underdrain)	1,323
101583	Los Angeles	Zalvidea St	Biofiltration (Underdrain)	275
101583	Los Angeles	(unknown)	Biofiltration (Underdrain)	493
101583	Los Angeles	Beverly Blvd	Biofiltration (Underdrain)	1,992
101583	Los Angeles	Council St	Biofiltration (Underdrain)	1,240
101583	Los Angeles	Geneva St	Biofiltration (Underdrain)	665
101583	Los Angeles	N Commonwealth Ave	Biofiltration (Underdrain)	346
102383	Los Angeles	N Dillon St	Biofiltration (Underdrain)	1,211
102383	Los Angeles	N Hoover St	Biofiltration (Underdrain)	964
102383	Los Angeles	N Reno St	Biofiltration (Underdrain)	13
102583	Los Angeles	N Vendome St	Biofiltration (Underdrain)	1,218
102583	Los Angeles	N Virgil Ave	Biofiltration (Underdrain)	527
102583	Los Angeles	Robinson St	Biofiltration (Underdrain)	1,151
102583	Los Angeles	S Commonwealth Ave	Biofiltration (Underdrain)	2,678
102583	Los Angeles	S Dillon St	Biofiltration (Underdrain)	748
102583	Los Angeles	S Hoover St	Biofiltration (Underdrain)	3,086
102583	Los Angeles	S Occidental Blvd	Biofiltration (Underdrain)	2,225
102583	Los Angeles	S Reno St	Biofiltration (Underdrain)	1,022
102583	Los Angeles	S Vendome St	Biofiltration (Underdrain)	1,292
102583	Los Angeles	W 1st St	Biofiltration (Underdrain)	84
102583	Los Angeles	W 2nd St	Biofiltration (Underdrain)	948
102583	Los Angeles	W 3rd St	Biofiltration (Underdrain)	1,906
102583	Los Angeles	W 4th St	Biofiltration (Underdrain)	460
102583	Los Angeles	W 5th St	Biofiltration (Underdrain)	128
102583	Los Angeles	W 6th St	Biofiltration (Underdrain)	420
102583	Los Angeles	(unknown)	Bioretention (No Underdrain)	586
102583	Los Angeles	Adrian St	Bioretention (No Underdrain)	22
102583	Los Angeles	Aloha St	Bioretention (No Underdrain)	317
102583	Los Angeles	Ambrose Ave	Bioretention (No Underdrain)	916
102583	Los Angeles	Ambrose Ter	Bioretention (No Underdrain)	250
102583	Los Angeles	Ames St	Bioretention (No Underdrain)	516
102583	Los Angeles	Angus St	Bioretention (No Underdrain)	141
102583	Los Angeles	Armstrong Ave	Bioretention (No Underdrain)	1,353
102583	Los Angeles	Avenel St	Bioretention (No Underdrain)	219
102883	Los Angeles	Avocado St	Bioretention (No Underdrain)	2,029
102883	Los Angeles	Balmer Dr	Bioretention (No Underdrain)	62
102883	Los Angeles	Bates Ave	Bioretention (No Underdrain)	1,855
102883	Los Angeles	Ben Lomond Dr	Bioretention (No Underdrain)	253
102883	Los Angeles	Ben Lomond Pl	Bioretention (No Underdrain)	740
102883	Los Angeles	Beverly Blvd	Bioretention (No Underdrain)	740
102883	Los Angeles	Bright Ln	Bioretention (No Underdrain)	1
102883	Los Angeles	Burns Ave	Bioretention (No Underdrain)	1,006
102883	Los Angeles	Camero Ave	Bioretention (No Underdrain)	1,846
102883	Los Angeles	Cedarhurst Cir	Bioretention (No Underdrain)	136
102883	Los Angeles	Cedarhurst Dr	Bioretention (No Underdrain)	200
102883	Los Angeles	Childs Ct	Bioretention (No Underdrain)	130
102883	Los Angeles	Claremont Ave	Bioretention (No Underdrain)	34
102883	Los Angeles	Clarissa Ave	Bioretention (No Underdrain)	1,032
102883	Los Angeles	Clayton Ave	Bioretention (No Underdrain)	2,565
102883	Los Angeles	Clinton St	Bioretention (No Underdrain)	802
102883	Los Angeles	Colony Cir	Bioretention (No Underdrain)	113
102883	Los Angeles	Council St	Bioretention (No Underdrain)	46
102883	Los Angeles	Cumberland Ave	Bioretention (No Underdrain)	692
102883	Los Angeles	de Longpre Ave	Bioretention (No Underdrain)	42

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102883	Los Angeles	del Mar Ave	Bioretention (No Underdrain)	903
102883	Los Angeles	E Franklin Ave	Bioretention (No Underdrain)	84
102883	Los Angeles	Edgecliffe Dr	Bioretention (No Underdrain)	1,392
102883	Los Angeles	Effie St	Bioretention (No Underdrain)	1,501
102883	Los Angeles	Ellsworth St	Bioretention (No Underdrain)	307
102883	Los Angeles	Entrance Dr	Bioretention (No Underdrain)	74
102883	Los Angeles	Ettrick St	Bioretention (No Underdrain)	496
102883	Los Angeles	Evans St	Bioretention (No Underdrain)	447
102883	Los Angeles	Fernwood Ave	Bioretention (No Underdrain)	334
102883	Los Angeles	Finley Ave	Bioretention (No Underdrain)	1,214
102883	Los Angeles	Fountain Ave	Bioretention (No Underdrain)	2,455
102883	Los Angeles	Franklin Ave	Bioretention (No Underdrain)	1,639
102883	Los Angeles	Gateway Ave	Bioretention (No Underdrain)	1,048
102883	Los Angeles	Golden Gate Ave	Bioretention (No Underdrain)	15
102883	Los Angeles	Griffith Park Blvd	Bioretention (No Underdrain)	7,202
102883	Los Angeles	Hazel Kirk Dr	Bioretention (No Underdrain)	423
102883	Los Angeles	Hillhurst Ave	Bioretention (No Underdrain)	4,793
102883	Los Angeles	Holly Knoll Dr	Bioretention (No Underdrain)	358
102883	Los Angeles	Hollywood Blvd	Bioretention (No Underdrain)	1,608
102883	Los Angeles	Hyperion Ave	Bioretention (No Underdrain)	7,224
102883	Los Angeles	Imogen Ave	Bioretention (No Underdrain)	497
102883	Los Angeles	Ivan Ct	Bioretention (No Underdrain)	16
102883	Los Angeles	Ivanhoe Dr	Bioretention (No Underdrain)	120
102883	Los Angeles	Kenilworth Ave	Bioretention (No Underdrain)	106
102883	Los Angeles	Kingswell Ave	Bioretention (No Underdrain)	1,466
102883	Los Angeles	la Paz Dr	Bioretention (No Underdrain)	284
102883	Los Angeles	Lake View Ter E	Bioretention (No Underdrain)	128
102883	Los Angeles	Lake View Ter W	Bioretention (No Underdrain)	122
102883	Los Angeles	Lakewood Ave	Bioretention (No Underdrain)	344
102883	Los Angeles	Landa St	Bioretention (No Underdrain)	178
102883	Los Angeles	Lanterman Ter	Bioretention (No Underdrain)	53
102883	Los Angeles	Lexington Ave	Bioretention (No Underdrain)	942
102883	Los Angeles	Lindsay Ln	Bioretention (No Underdrain)	6
102883	Los Angeles	Lockwood Ave	Bioretention (No Underdrain)	589
103083	Los Angeles	Los Feliz Blvd	Bioretention (No Underdrain)	1,378
103083	Los Angeles	Los Nietos Dr	Bioretention (No Underdrain)	133
103083	Los Angeles	Lowry Rd	Bioretention (No Underdrain)	421
103083	Los Angeles	Lucile Ave	Bioretention (No Underdrain)	1,441
103083	Los Angeles	Lyman Pl	Bioretention (No Underdrain)	1,736
103083	Los Angeles	Lyric Ave	Bioretention (No Underdrain)	971
103083	Los Angeles	Maltman Ave	Bioretention (No Underdrain)	885
103083	Los Angeles	Manzanita St	Bioretention (No Underdrain)	2,303
103083	Los Angeles	Marathon St	Bioretention (No Underdrain)	923
103083	Los Angeles	Maxwell St	Bioretention (No Underdrain)	779
103083	Los Angeles	Mazanita St	Bioretention (No Underdrain)	71
103083	Los Angeles	Meadow Valley Ter	Bioretention (No Underdrain)	184
103083	Los Angeles	Melbourne Ave	Bioretention (No Underdrain)	1,469
103083	Los Angeles	Melrose Ave	Bioretention (No Underdrain)	993
103083	Los Angeles	Micheltorena St	Bioretention (No Underdrain)	102
103083	Los Angeles	Middlebury St	Bioretention (No Underdrain)	387
103083	Los Angeles	Monon St	Bioretention (No Underdrain)	2,238
103083	Los Angeles	Monroe St	Bioretention (No Underdrain)	799
103083	Los Angeles	Moreno Dr	Bioretention (No Underdrain)	572
103083	Los Angeles	Myra Ave	Bioretention (No Underdrain)	4,375
103083	Los Angeles	N Commonwealth Ave	Bioretention (No Underdrain)	6,753

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103083	Los Angeles	N Hoover St	Bioretention (No Underdrain)	7,067
103083	Los Angeles	N Hyperion Ave	Bioretention (No Underdrain)	508
103083	Los Angeles	N Lyric Ave	Bioretention (No Underdrain)	502
103083	Los Angeles	N Madison Ave	Bioretention (No Underdrain)	209
103083	Los Angeles	N Meadow Valley Ter	Bioretention (No Underdrain)	25
103083	Los Angeles	N Monon St	Bioretention (No Underdrain)	563
103083	Los Angeles	N Myra Ave	Bioretention (No Underdrain)	54
103083	Los Angeles	N Radio Walk	Bioretention (No Underdrain)	147
103083	Los Angeles	N Ronda Vista Dr	Bioretention (No Underdrain)	176
103083	Los Angeles	N St George St	Bioretention (No Underdrain)	185
103083	Los Angeles	N Vermont Ave	Bioretention (No Underdrain)	1
103083	Los Angeles	N Virgil Ave	Bioretention (No Underdrain)	5,840
103083	Los Angeles	N Westmoreland Ave	Bioretention (No Underdrain)	1,601
103083	Los Angeles	Newdale Dr	Bioretention (No Underdrain)	320
103083	Los Angeles	Normal Ave	Bioretention (No Underdrain)	892
103083	Los Angeles	Oakwood Ave	Bioretention (No Underdrain)	112
103083	Los Angeles	Observatory Ave	Bioretention (No Underdrain)	11
103083	Los Angeles	Panorama Ter	Bioretention (No Underdrain)	141
103083	Los Angeles	Price St	Bioretention (No Underdrain)	1,130
103083	Los Angeles	Prospect Ave	Bioretention (No Underdrain)	3,088
103083	Los Angeles	Putnam St	Bioretention (No Underdrain)	266
103083	Los Angeles	Radio St	Bioretention (No Underdrain)	147
103083	Los Angeles	Rector Pl	Bioretention (No Underdrain)	40
103083	Los Angeles	Redcliff St	Bioretention (No Underdrain)	82
103083	Los Angeles	Richland Ave	Bioretention (No Underdrain)	3
103083	Los Angeles	Rock St	Bioretention (No Underdrain)	84
103083	Los Angeles	Rodney Dr	Bioretention (No Underdrain)	1,054
103083	Los Angeles	Rokeby St	Bioretention (No Underdrain)	409
103083	Los Angeles	Ronda Vista Dr	Bioretention (No Underdrain)	176
103083	Los Angeles	Rosalia Rd	Bioretention (No Underdrain)	1,185
103083	Los Angeles	Rowena Ave	Bioretention (No Underdrain)	4,392
103083	Los Angeles	Russell Ave	Bioretention (No Underdrain)	1,976
103083	Los Angeles	Sanborn Ave	Bioretention (No Underdrain)	3,746
103083	Los Angeles	Santa Monica Blvd	Bioretention (No Underdrain)	2,416
103083	Los Angeles	Scotland St	Bioretention (No Underdrain)	760
103083	Los Angeles	Silver Lake Blvd	Bioretention (No Underdrain)	585
103083	Los Angeles	Silver Lake Ter	Bioretention (No Underdrain)	8
103083	Los Angeles	Silver Lea Ter	Bioretention (No Underdrain)	20
103083	Los Angeles	Silverado Dr	Bioretention (No Underdrain)	395
103083	Los Angeles	St George St	Bioretention (No Underdrain)	2,890
103283	Los Angeles	Sunset Blvd	Bioretention (No Underdrain)	4,149
103283	Los Angeles	Sunset Dr	Bioretention (No Underdrain)	2,073
103283	Los Angeles	Surry St	Bioretention (No Underdrain)	277
103283	Los Angeles	Talmadge St	Bioretention (No Underdrain)	4,318
103283	Los Angeles	Tesla Ave	Bioretention (No Underdrain)	983
103283	Los Angeles	Tesla Ter	Bioretention (No Underdrain)	104
103283	Los Angeles	Tracy St	Bioretention (No Underdrain)	2,819
103283	Los Angeles	Udell Ct	Bioretention (No Underdrain)	3
103783	Los Angeles	Venango Ave	Bioretention (No Underdrain)	563
103783	Los Angeles	Venango Cir	Bioretention (No Underdrain)	41
104083	Los Angeles	Virgil Pl	Bioretention (No Underdrain)	276
105883	Los Angeles	Virginia Ave	Bioretention (No Underdrain)	574
105883	Los Angeles	W Council St	Bioretention (No Underdrain)	72
106083	Los Angeles	W Holly Knoll Dr	Bioretention (No Underdrain)	246
106083	Los Angeles	W Silver Lake Dr	Bioretention (No Underdrain)	938

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
106083	Los Angeles	W Sunset Blvd	Bioretention (No Underdrain)	4,237
106783	Los Angeles	W Temple St	Bioretention (No Underdrain)	680
106783	Los Angeles	Wanda Dr	Bioretention (No Underdrain)	14
106783	Los Angeles	Waverly Dr	Bioretention (No Underdrain)	136
106783	Los Angeles	Wayne Ave	Bioretention (No Underdrain)	14
106783	Los Angeles	Willow Brook Ave	Bioretention (No Underdrain)	775
106783	Los Angeles	Wit Pl	Bioretention (No Underdrain)	328
106783	Los Angeles	Wood Ter	Bioretention (No Underdrain)	350
106783	Los Angeles	(unknown)	Biofiltration (Underdrain)	281
106783	Los Angeles	Aaron St	Biofiltration (Underdrain)	68
106783	Los Angeles	Angelus Ave	Biofiltration (Underdrain)	1,413
106783	Los Angeles	Bellevue Ave	Biofiltration (Underdrain)	2,640
106783	Los Angeles	Berkeley Ave	Biofiltration (Underdrain)	1,358
106783	Los Angeles	Berkeley Cir	Biofiltration (Underdrain)	128
106783	Los Angeles	Castle St	Biofiltration (Underdrain)	3
106783	Los Angeles	Clinton St	Biofiltration (Underdrain)	10
106783	Los Angeles	Coronado Ter	Biofiltration (Underdrain)	1,357
106783	Los Angeles	Council St	Biofiltration (Underdrain)	16
106783	Los Angeles	Dahlia Ave	Biofiltration (Underdrain)	15
106783	Los Angeles	del Monte Dr	Biofiltration (Underdrain)	624
106783	Los Angeles	Descanso Dr	Biofiltration (Underdrain)	1,138
106783	Los Angeles	Duane St	Biofiltration (Underdrain)	155
106783	Los Angeles	Easterly Ter	Biofiltration (Underdrain)	28
106783	Los Angeles	Edgecliffe Dr	Biofiltration (Underdrain)	123
106783	Los Angeles	Effie Pl	Biofiltration (Underdrain)	28
106783	Los Angeles	Effie St	Biofiltration (Underdrain)	404
106783	Los Angeles	Elevado St	Biofiltration (Underdrain)	647
106783	Los Angeles	Ellett Pl	Biofiltration (Underdrain)	217
106783	Los Angeles	Ellsworth St	Biofiltration (Underdrain)	653
106783	Los Angeles	Elsinore St	Biofiltration (Underdrain)	1,168
106783	Los Angeles	Fanita St	Biofiltration (Underdrain)	275
106783	Los Angeles	Fanning St	Biofiltration (Underdrain)	2
106783	Los Angeles	Golden Gate Ave	Biofiltration (Underdrain)	1,303
106783	Los Angeles	Hamilton Way	Biofiltration (Underdrain)	215
106783	Los Angeles	Imogen Ave	Biofiltration (Underdrain)	510
106783	Los Angeles	Jewel St	Biofiltration (Underdrain)	274
106783	Los Angeles	Kent St	Biofiltration (Underdrain)	220
106783	Los Angeles	Landa St	Biofiltration (Underdrain)	77
106783	Los Angeles	London St	Biofiltration (Underdrain)	2,259
106783	Los Angeles	Lucile Ave	Biofiltration (Underdrain)	1,127
106783	Los Angeles	Maltman Ave	Biofiltration (Underdrain)	1,368
106783	Los Angeles	Marathon St	Biofiltration (Underdrain)	2,139
106783	Los Angeles	Marcia Dr	Biofiltration (Underdrain)	86
106783	Los Angeles	Mayberry St	Biofiltration (Underdrain)	967
106783	Los Angeles	McCollum Pl	Biofiltration (Underdrain)	283
106783	Los Angeles	McCollum St	Biofiltration (Underdrain)	1,222
106783	Los Angeles	Micheltorena St	Biofiltration (Underdrain)	3,605
106783	Los Angeles	Middlebury St	Biofiltration (Underdrain)	397
106783	Los Angeles	Mohawk St	Biofiltration (Underdrain)	1,387
106783	Los Angeles	Montana St	Biofiltration (Underdrain)	594
106783	Los Angeles	Murray Cir	Biofiltration (Underdrain)	33
106783	Los Angeles	Murray Dr	Biofiltration (Underdrain)	100
106783	Los Angeles	N Benton Way	Biofiltration (Underdrain)	3,123
106783	Los Angeles	N Commonwealth Ave	Biofiltration (Underdrain)	450
106783	Los Angeles	N Coronado St	Biofiltration (Underdrain)	2,405

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
106783	Los Angeles	N Dillon St	Biofiltration (Underdrain)	2,404
106783	Los Angeles	N Hoover St	Biofiltration (Underdrain)	1,442
106783	Los Angeles	N la Fayette Park Pl	Biofiltration (Underdrain)	1,486
106783	Los Angeles	N McCollum St	Biofiltration (Underdrain)	372
106783	Los Angeles	N Occidental Blvd	Biofiltration (Underdrain)	1,978
106783	Los Angeles	N Rampart Blvd	Biofiltration (Underdrain)	1,181
106783	Los Angeles	N Reno St	Biofiltration (Underdrain)	1,545
106783	Los Angeles	N Vendome St	Biofiltration (Underdrain)	3,109
106983	Los Angeles	N Virgil Ave	Biofiltration (Underdrain)	98
108083	Los Angeles	Parkman Ave	Biofiltration (Underdrain)	2,049
108083	Los Angeles	Plata St	Biofiltration (Underdrain)	788
108083	Los Angeles	Redcliff St	Biofiltration (Underdrain)	483
108083	Los Angeles	Redesdale Ave	Biofiltration (Underdrain)	190
108083	Los Angeles	Rendall Pl	Biofiltration (Underdrain)	57
108083	Los Angeles	Reservoir St	Biofiltration (Underdrain)	1,531
108083	Los Angeles	Robinson St	Biofiltration (Underdrain)	1,519
108083	Los Angeles	Rockford Rd	Biofiltration (Underdrain)	52
108083	Los Angeles	Rosemont Ave	Biofiltration (Underdrain)	310
108083	Los Angeles	Rotary Dr	Biofiltration (Underdrain)	178
108083	Los Angeles	Sayre Ln	Biofiltration (Underdrain)	12
108183	Los Angeles	Scott Ave	Biofiltration (Underdrain)	843
108883	Los Angeles	Scott Pl	Biofiltration (Underdrain)	405
117583	Los Angeles	Silver Lake Blvd	Biofiltration (Underdrain)	8,780
117583	Los Angeles	Silverlake Blvd	Biofiltration (Underdrain)	15
117583	Los Angeles	Silverwood Ter	Biofiltration (Underdrain)	22
117583	Los Angeles	Smilax St	Biofiltration (Underdrain)	406
117583	Los Angeles	Sunset Blvd	Biofiltration (Underdrain)	3,585
117583	Los Angeles	Swan Pl	Biofiltration (Underdrain)	205
117583	Los Angeles	Tularosa Dr	Biofiltration (Underdrain)	1,623
117583	Los Angeles	Van Pelt Pl	Biofiltration (Underdrain)	376
117583	Los Angeles	W Descanso Dr	Biofiltration (Underdrain)	376
117583	Los Angeles	W Silver Lake Dr	Biofiltration (Underdrain)	817
108887	Los Angeles	W Smilax St	Biofiltration (Underdrain)	91
108887	Los Angeles	W Sunset Blvd	Biofiltration (Underdrain)	4,705
108887	Los Angeles	W Temple St	Biofiltration (Underdrain)	1,595
108887	Los Angeles	Waterloo St	Biofiltration (Underdrain)	1,302
108887	Los Angeles	Westerly Ter	Biofiltration (Underdrain)	376
108887	Los Angeles	(unknown)	Bioretention (No Underdrain)	5,127
108887	Los Angeles	12th Ave	Bioretention (No Underdrain)	1,059
108887	Los Angeles	2nd Ave	Bioretention (No Underdrain)	1,200
108887	Los Angeles	3rd Ave	Bioretention (No Underdrain)	5,346
108887	Los Angeles	4th Ave	Bioretention (No Underdrain)	4,415
108887	Los Angeles	5th Ave	Bioretention (No Underdrain)	5,452
108887	Los Angeles	6th Ave	Bioretention (No Underdrain)	1,174
108887	Los Angeles	Arlington Ave	Bioretention (No Underdrain)	3,306
108887	Los Angeles	Beacon Ave	Bioretention (No Underdrain)	372
108887	Los Angeles	Columbia Ave	Bioretention (No Underdrain)	23
108887	Los Angeles	Connecticut St	Bioretention (No Underdrain)	495
108887	Los Angeles	Country Club Dr	Bioretention (No Underdrain)	5,377
108887	Los Angeles	Crenshaw Blvd	Bioretention (No Underdrain)	2,522
108887	Los Angeles	Crown Hill Ave	Bioretention (No Underdrain)	513
108887	Los Angeles	Dewey Ave	Bioretention (No Underdrain)	1,842
108887	Los Angeles	Diana St	Bioretention (No Underdrain)	285
108887	Los Angeles	Dockweiler St	Bioretention (No Underdrain)	945
108887	Los Angeles	Elden Ave	Bioretention (No Underdrain)	2,695

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
108887	Los Angeles	Fedora St	Bioretention (No Underdrain)	3,137
108887	Los Angeles	Francis Ave	Bioretention (No Underdrain)	2,097
108887	Los Angeles	Geneva St	Bioretention (No Underdrain)	315
108887	Los Angeles	Gramercy Dr	Bioretention (No Underdrain)	3,660
108887	Los Angeles	Harrington Ave	Bioretention (No Underdrain)	496
108887	Los Angeles	Irolo St	Bioretention (No Underdrain)	4,839
108887	Los Angeles	James M Wood Bl	Bioretention (No Underdrain)	661
108887	Los Angeles	James M Wood Blvd	Bioretention (No Underdrain)	6,151
109087	Los Angeles	Leeward Ave	Bioretention (No Underdrain)	3,314
109087	Los Angeles	Little St	Bioretention (No Underdrain)	620
109087	Los Angeles	Loma Dr	Bioretention (No Underdrain)	1,148
109087	Los Angeles	Loma Pl	Bioretention (No Underdrain)	27
109087	Los Angeles	Lomita St	Bioretention (No Underdrain)	20
109087	Los Angeles	Magnolia Ave	Bioretention (No Underdrain)	2,768
109087	Los Angeles	Maryland St	Bioretention (No Underdrain)	326
109087	Los Angeles	Menlo Ave	Bioretention (No Underdrain)	2,811
109087	Los Angeles	Miramar St	Bioretention (No Underdrain)	359
109087	Los Angeles	Monette Pl	Bioretention (No Underdrain)	495
109087	Los Angeles	N Normandie Ave	Bioretention (No Underdrain)	27
109087	Los Angeles	N Rimpau Blvd	Bioretention (No Underdrain)	47
109087	Los Angeles	Nadeau Dr	Bioretention (No Underdrain)	358
109087	Los Angeles	Queen Anne Pl	Bioretention (No Underdrain)	1,648
109087	Los Angeles	S Alexandria Ave	Bioretention (No Underdrain)	1,865
109087	Los Angeles	S Alvarado St	Bioretention (No Underdrain)	5,154
109087	Los Angeles	S Ardmore Ave	Bioretention (No Underdrain)	6,469
109087	Los Angeles	S Berendo St	Bioretention (No Underdrain)	8,849
109087	Los Angeles	S Bonnie Brae St	Bioretention (No Underdrain)	4,538
109087	Los Angeles	S Bronson Ave	Bioretention (No Underdrain)	6,072
109087	Los Angeles	S Burlington Ave	Bioretention (No Underdrain)	4,973
109187	Los Angeles	S Carondelet St	Bioretention (No Underdrain)	2,560
109187	Los Angeles	S Catalina St	Bioretention (No Underdrain)	7,798
109187	Los Angeles	S Commonwealth Ave	Bioretention (No Underdrain)	1,186
109187	Los Angeles	S Coronado St	Bioretention (No Underdrain)	1,296
109187	Los Angeles	S Gramercy Dr	Bioretention (No Underdrain)	3,660
109187	Los Angeles	S Gramercy Pl	Bioretention (No Underdrain)	5,177
109187	Los Angeles	S Grand View St	Bioretention (No Underdrain)	3,311
109187	Los Angeles	S Harvard Blvd	Bioretention (No Underdrain)	5,090
109187	Los Angeles	S Hobart Blvd	Bioretention (No Underdrain)	5,333
109187	Los Angeles	S Hoover St	Bioretention (No Underdrain)	2,587
109187	Los Angeles	S Irolo St	Bioretention (No Underdrain)	142
109187	Los Angeles	S Kenmore Ave	Bioretention (No Underdrain)	5,326
109187	Los Angeles	S Kingsley Dr	Bioretention (No Underdrain)	5,188
109187	Los Angeles	S la Fayette Park Pl	Bioretention (No Underdrain)	535
109187	Los Angeles	S Lafayette Park Pl	Bioretention (No Underdrain)	535
109187	Los Angeles	S Lake St	Bioretention (No Underdrain)	3,172
109187	Los Angeles	S Lucerne Blvd	Bioretention (No Underdrain)	1,097
109187	Los Angeles	S Manhattan Pl	Bioretention (No Underdrain)	5,058
109187	Los Angeles	S Mariposa Ave	Bioretention (No Underdrain)	6,627
109187	Los Angeles	S Muirfield Rd	Bioretention (No Underdrain)	1,312
109187	Los Angeles	S Mullen Ave	Bioretention (No Underdrain)	1,334
109187	Los Angeles	S New Hampshire Ave	Bioretention (No Underdrain)	9,095
109187	Los Angeles	S Normandie Ave	Bioretention (No Underdrain)	6,871
109187	Los Angeles	S Norton Ave	Bioretention (No Underdrain)	6,387
109187	Los Angeles	S Oxford Ave	Bioretention (No Underdrain)	4,180
109187	Los Angeles	S Park View St	Bioretention (No Underdrain)	3,874

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Los Angeles	S Plymouth Blvd	Bioretention (No Underdrain)	2,457
109187	Los Angeles	S Rampart Blvd	Bioretention (No Underdrain)	1,230
109187	Los Angeles	S Rimpau Blvd	Bioretention (No Underdrain)	101
109187	Los Angeles	S San Vicente Blvd	Bioretention (No Underdrain)	82
109187	Los Angeles	S Serrano Ave	Bioretention (No Underdrain)	4,252
109187	Los Angeles	S St Andrews Pl	Bioretention (No Underdrain)	5,012
109187	Los Angeles	S Union Ave	Bioretention (No Underdrain)	3,398
109187	Los Angeles	S Van Ness Ave	Bioretention (No Underdrain)	1,173
109187	Los Angeles	S Vermont Ave	Bioretention (No Underdrain)	8,288
109187	Los Angeles	S Victoria Ave	Bioretention (No Underdrain)	2,364
109187	Los Angeles	S Virgil Ave	Bioretention (No Underdrain)	2,951
109187	Los Angeles	S West Blvd	Bioretention (No Underdrain)	328
109187	Los Angeles	S Western Ave	Bioretention (No Underdrain)	5,162
109187	Los Angeles	S Westlake Ave	Bioretention (No Underdrain)	4,958
109187	Los Angeles	S Westmoreland Ave	Bioretention (No Underdrain)	7,191
109187	Los Angeles	S Wilton Pl	Bioretention (No Underdrain)	5,702
109187	Los Angeles	S Windsor Blvd	Bioretention (No Underdrain)	2,748
109187	Los Angeles	San Marino St	Bioretention (No Underdrain)	8,416
109187	Los Angeles	San Vicente Blvd	Bioretention (No Underdrain)	195
109187	Los Angeles	Shatto Pl	Bioretention (No Underdrain)	2,626
109187	Los Angeles	Shatto St	Bioretention (No Underdrain)	682
109187	Los Angeles	Sunset Pl	Bioretention (No Underdrain)	985
109187	Los Angeles	Union Dr	Bioretention (No Underdrain)	792
109187	Los Angeles	Union Pl	Bioretention (No Underdrain)	1,890
109187	Los Angeles	Valencia St	Bioretention (No Underdrain)	715
109187	Los Angeles	Venice Blvd	Bioretention (No Underdrain)	4,087
109187	Los Angeles	Victoria Park Dr	Bioretention (No Underdrain)	1,710
109187	Los Angeles	Victoria Park Pl	Bioretention (No Underdrain)	873
109187	Los Angeles	Vineyard Ave	Bioretention (No Underdrain)	421
109187	Los Angeles	W 10th St	Bioretention (No Underdrain)	1,287
109187	Los Angeles	W 11th Pl	Bioretention (No Underdrain)	233
109187	Los Angeles	W 11th St	Bioretention (No Underdrain)	11,128
109187	Los Angeles	W 12th Pl	Bioretention (No Underdrain)	826
109187	Los Angeles	W 12th St	Bioretention (No Underdrain)	7,313
109187	Los Angeles	W 14th St	Bioretention (No Underdrain)	1,064
109187	Los Angeles	W 15th St	Bioretention (No Underdrain)	1,946
109187	Los Angeles	W 16th Pl	Bioretention (No Underdrain)	627
109187	Los Angeles	W 2nd St	Bioretention (No Underdrain)	934
109187	Los Angeles	W 3rd St	Bioretention (No Underdrain)	4,205
109187	Los Angeles	W 4th St	Bioretention (No Underdrain)	4,116
109187	Los Angeles	W 5th St	Bioretention (No Underdrain)	4,871
109187	Los Angeles	W 6th St	Bioretention (No Underdrain)	7,586
109187	Los Angeles	W 7th St	Bioretention (No Underdrain)	12,235
109187	Los Angeles	W 8th St	Bioretention (No Underdrain)	14,607
109187	Los Angeles	W 9th St	Bioretention (No Underdrain)	11,635
109187	Los Angeles	W James M Wood	Bioretention (No Underdrain)	380
109187	Los Angeles	W James M Wood Bl	Bioretention (No Underdrain)	760
109187	Los Angeles	W James M Wood Blvd	Bioretention (No Underdrain)	2,333
109187	Los Angeles	W James W Wood	Bioretention (No Underdrain)	380
109187	Los Angeles	W Maryland St	Bioretention (No Underdrain)	566
109187	Los Angeles	W Olympic Blvd	Bioretention (No Underdrain)	13,413
109187	Los Angeles	W Pico Blvd	Bioretention (No Underdrain)	12,187
109187	Los Angeles	West Blvd	Bioretention (No Underdrain)	1,999
109187	Los Angeles	Westchester Pl	Bioretention (No Underdrain)	4,183
109187	Los Angeles	Wilshire Blvd	Bioretention (No Underdrain)	8,681

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Los Angeles	Wilshire Pl	Bioretention (No Underdrain)	737
109187	Los Angeles	(unknown)	Bioretention (No Underdrain)	360
109187	Los Angeles	Aberdeen Ave	Bioretention (No Underdrain)	685
109187	Los Angeles	Ambrose Ave	Bioretention (No Underdrain)	1,245
109187	Los Angeles	Beverly Blvd	Bioretention (No Underdrain)	1,113
109187	Los Angeles	Bimini Pl	Bioretention (No Underdrain)	992
109187	Los Angeles	Burns Ave	Bioretention (No Underdrain)	1,166
109187	Los Angeles	Clarissa Ave	Bioretention (No Underdrain)	494
109287	Los Angeles	Clinton St	Bioretention (No Underdrain)	1,368
109287	Los Angeles	Cockerham Dr	Bioretention (No Underdrain)	69
109287	Los Angeles	Commonwealth Canyon Ave	Bioretention (No Underdrain)	38
109287	Los Angeles	Commonwealth Canyon Dr	Bioretention (No Underdrain)	2
109287	Los Angeles	Cosmopolitan St	Bioretention (No Underdrain)	433
109287	Los Angeles	Council St	Bioretention (No Underdrain)	1,344
109287	Los Angeles	Cromwell Ave	Bioretention (No Underdrain)	581
109287	Los Angeles	de Longpre Ave	Bioretention (No Underdrain)	609
109287	Los Angeles	Dracena Dr	Bioretention (No Underdrain)	1,496
109287	Los Angeles	Dundee Dr	Bioretention (No Underdrain)	335
109287	Los Angeles	E Barnsdall Ave	Bioretention (No Underdrain)	249
109287	Los Angeles	Finley Ave	Bioretention (No Underdrain)	1,262
109287	Los Angeles	Fountain Ave	Bioretention (No Underdrain)	2,041
109287	Los Angeles	Franklin Ave	Bioretention (No Underdrain)	1,294
109287	Los Angeles	Gainsborough Ave	Bioretention (No Underdrain)	1,675
109287	Los Angeles	Glendower Ave	Bioretention (No Underdrain)	489
109287	Los Angeles	Greenwood Pl	Bioretention (No Underdrain)	471
109287	Los Angeles	Hillhurst Ave	Bioretention (No Underdrain)	1,403
109287	Los Angeles	Hollywood Blvd	Bioretention (No Underdrain)	288
109287	Los Angeles	Inverness Ave	Bioretention (No Underdrain)	174
109287	Los Angeles	Kingswell Ave	Bioretention (No Underdrain)	1,177
109287	Los Angeles	la Mirada Ave	Bioretention (No Underdrain)	919
109287	Los Angeles	Lexington Ave	Bioretention (No Underdrain)	2,034
109287	Los Angeles	Lockwood Ave	Bioretention (No Underdrain)	1,419
109287	Los Angeles	Los Feliz Blvd	Bioretention (No Underdrain)	2,168
109287	Los Angeles	Lyman Pl	Bioretention (No Underdrain)	1,840
109287	Los Angeles	Marathon St	Bioretention (No Underdrain)	984
109287	Los Angeles	Maubert Ave	Bioretention (No Underdrain)	660
109287	Los Angeles	Melbourne Ave	Bioretention (No Underdrain)	1,197
109287	Los Angeles	Melrose Ave	Bioretention (No Underdrain)	1,087
109287	Los Angeles	Middlebury St	Bioretention (No Underdrain)	759
109287	Los Angeles	Monroe St	Bioretention (No Underdrain)	1,546
103275	Los Angeles	N Berendo St	Bioretention (No Underdrain)	1,425
103275	Los Angeles	N Commonwealth Ave	Bioretention (No Underdrain)	2,783
103275	Los Angeles	N Edgemont St	Bioretention (No Underdrain)	1,157
103275	Los Angeles	N Heliotrope Dr	Bioretention (No Underdrain)	1,726
103275	Los Angeles	N Hillhurst Ave	Bioretention (No Underdrain)	1,019
103275	Los Angeles	N Juanita Ave	Bioretention (No Underdrain)	2,302
103275	Los Angeles	N Madison Ave	Bioretention (No Underdrain)	6,101
103275	Los Angeles	N New Hampshire Ave	Bioretention (No Underdrain)	1,539
103275	Los Angeles	N Vermont Ave	Bioretention (No Underdrain)	17,051
103275	Los Angeles	N Virgil Ave	Bioretention (No Underdrain)	1,909
103275	Los Angeles	N Westmoreland Ave	Bioretention (No Underdrain)	3,020
103275	Los Angeles	Nella Vista Ave	Bioretention (No Underdrain)	507
103275	Los Angeles	Normal Ave	Bioretention (No Underdrain)	1,191
103275	Los Angeles	Oakwood Ave	Bioretention (No Underdrain)	480
103275	Los Angeles	Observatory Ave	Bioretention (No Underdrain)	560

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103275	Los Angeles	Parva Ave	Bioretention (No Underdrain)	77
103275	Los Angeles	Prospect Ave	Bioretention (No Underdrain)	722
103275	Los Angeles	Richland Ave	Bioretention (No Underdrain)	414
103275	Los Angeles	Rodney Dr	Bioretention (No Underdrain)	3,531
103275	Los Angeles	Rosewood Ave	Bioretention (No Underdrain)	10
103275	Los Angeles	Rowena Ave	Bioretention (No Underdrain)	5
103275	Los Angeles	Russell Ave	Bioretention (No Underdrain)	1,219
103275	Los Angeles	S Commonwealth Ave	Bioretention (No Underdrain)	343
103275	Los Angeles	S Juanita Ave	Bioretention (No Underdrain)	502
103275	Los Angeles	S Madison Ave	Bioretention (No Underdrain)	694
103275	Los Angeles	S Vermont Ave	Bioretention (No Underdrain)	353
103275	Los Angeles	S Virgil Ave	Bioretention (No Underdrain)	958
103275	Los Angeles	S Westmoreland Ave	Bioretention (No Underdrain)	1,050
103275	Los Angeles	Santa Monica Blvd	Bioretention (No Underdrain)	2,121
101483	Los Angeles	Sunset Blvd	Bioretention (No Underdrain)	1,316
101583	Los Angeles	Vermont Pl	Bioretention (No Underdrain)	466
101583	Los Angeles	Virgil Pl	Bioretention (No Underdrain)	442
101583	Los Angeles	Vista del Valle Dr	Bioretention (No Underdrain)	5
101583	Los Angeles	W 1st St	Bioretention (No Underdrain)	1,791
101583	Los Angeles	W 2nd St	Bioretention (No Underdrain)	667
101583	Los Angeles	W 3rd St	Bioretention (No Underdrain)	667
101583	Los Angeles	W Cromwell Ave	Bioretention (No Underdrain)	69
102383	Los Angeles	W Sunset Blvd	Bioretention (No Underdrain)	1,316
102383	Los Angeles	W White House Pl	Bioretention (No Underdrain)	365
102383	Los Angeles	Wayne Ave	Bioretention (No Underdrain)	355
102583	Los Angeles	Welch Pl	Bioretention (No Underdrain)	505
102583	Los Angeles	White House Pl	Bioretention (No Underdrain)	365
102583	Los Angeles	Willow Brook Ave	Bioretention (No Underdrain)	2,718
102583	Los Angeles	(unknown)	Bioretention (No Underdrain)	1,398
102583	Los Angeles	Alexandria Pl	Bioretention (No Underdrain)	75
102583	Los Angeles	Ambrose Ave	Bioretention (No Underdrain)	2,193
102583	Los Angeles	Beverly Blvd	Bioretention (No Underdrain)	2,071
102583	Los Angeles	Bruna Pl	Bioretention (No Underdrain)	33
102583	Los Angeles	Cheswic Ln	Bioretention (No Underdrain)	568
102583	Los Angeles	Chislehurst Dr	Bioretention (No Underdrain)	436
102583	Los Angeles	Clinton St	Bioretention (No Underdrain)	1,853
102583	Los Angeles	Council St	Bioretention (No Underdrain)	1,675
102583	Los Angeles	Cromwell Ave	Bioretention (No Underdrain)	325
102583	Los Angeles	Cummings Dr	Bioretention (No Underdrain)	62
102583	Los Angeles	de Longpre Ave	Bioretention (No Underdrain)	1,293
102583	Los Angeles	de Mille Dr	Bioretention (No Underdrain)	62
102583	Los Angeles	Finley Ave	Bioretention (No Underdrain)	2,210
102583	Los Angeles	Fountain Ave	Bioretention (No Underdrain)	3,856
102583	Los Angeles	Franklin Ave	Bioretention (No Underdrain)	3,584
102583	Los Angeles	Harold Way	Bioretention (No Underdrain)	496
102583	Los Angeles	Heliotrope Dr	Bioretention (No Underdrain)	136
102583	Los Angeles	Hollywood Blvd	Bioretention (No Underdrain)	3,646
102583	Los Angeles	L Ron Hubbard Way	Bioretention (No Underdrain)	975
102583	Los Angeles	la Mirada Ave	Bioretention (No Underdrain)	93
102883	Los Angeles	Laughlin Park Dr	Bioretention (No Underdrain)	48
102883	Los Angeles	Lemon Grove Ave	Bioretention (No Underdrain)	78
102883	Los Angeles	Lexington Ave	Bioretention (No Underdrain)	2,340
102883	Los Angeles	Lily Crest Ave	Bioretention (No Underdrain)	877
102883	Los Angeles	Los Caballeros Way	Bioretention (No Underdrain)	19
102883	Los Angeles	Los Feliz Blvd	Bioretention (No Underdrain)	2,957

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102883	Los Angeles	Los Grandes Way	Bioretention (No Underdrain)	11
102883	Los Angeles	Los Hermosos Way	Bioretention (No Underdrain)	38
102883	Los Angeles	Lower Rd	Bioretention (No Underdrain)	76
102883	Los Angeles	Marathon St	Bioretention (No Underdrain)	302
102883	Los Angeles	Melrose Ave	Bioretention (No Underdrain)	1,944
102883	Los Angeles	Monroe St	Bioretention (No Underdrain)	1,109
102883	Los Angeles	N Alexandria Ave	Bioretention (No Underdrain)	12,366
102883	Los Angeles	N Ardmore Ave	Bioretention (No Underdrain)	1,625
102883	Los Angeles	N Berendo St	Bioretention (No Underdrain)	7,033
102883	Los Angeles	N Catalina St	Bioretention (No Underdrain)	4,152
102883	Los Angeles	N Edgemont St	Bioretention (No Underdrain)	9,877
102883	Los Angeles	N Harvard Blvd	Bioretention (No Underdrain)	1,153
102883	Los Angeles	N Heliotrope Dr	Bioretention (No Underdrain)	4,377
102883	Los Angeles	N Hobart Blvd	Bioretention (No Underdrain)	1,348
102883	Los Angeles	N Kenmore Ave	Bioretention (No Underdrain)	12,442
102883	Los Angeles	N Kingsley Dr	Bioretention (No Underdrain)	5,324
102883	Los Angeles	N Mariposa Ave	Bioretention (No Underdrain)	10,038
102883	Los Angeles	N New Hampshire Ave	Bioretention (No Underdrain)	8,517
102883	Los Angeles	N Normandie Ave	Bioretention (No Underdrain)	8,552
102883	Los Angeles	N Vermont Ave	Bioretention (No Underdrain)	439
102883	Los Angeles	Nottingham Ave	Bioretention (No Underdrain)	535
102883	Los Angeles	Oakwood Ave	Bioretention (No Underdrain)	2,419
102883	Los Angeles	Palmerston Pl	Bioretention (No Underdrain)	786
102883	Los Angeles	Prospect Ave	Bioretention (No Underdrain)	291
102883	Los Angeles	Romaine St	Bioretention (No Underdrain)	869
102883	Los Angeles	Rosewood Ave	Bioretention (No Underdrain)	2,109
102883	Los Angeles	S Alexandria Ave	Bioretention (No Underdrain)	2,067
102883	Los Angeles	S Berendo St	Bioretention (No Underdrain)	134
102883	Los Angeles	S Catalina St	Bioretention (No Underdrain)	104
102883	Los Angeles	S Edgemont St	Bioretention (No Underdrain)	565
102883	Los Angeles	S Kenmore Ave	Bioretention (No Underdrain)	1,808
102883	Los Angeles	S Mariposa Ave	Bioretention (No Underdrain)	1,551
102883	Los Angeles	S New Hampshire Ave	Bioretention (No Underdrain)	87
102883	Los Angeles	S Normandie Ave	Bioretention (No Underdrain)	810
102883	Los Angeles	S Vermont Ave	Bioretention (No Underdrain)	642
102883	Los Angeles	Santa Monica Blvd	Bioretention (No Underdrain)	1,949
102883	Los Angeles	Sunset Blvd	Bioretention (No Underdrain)	3,592
102883	Los Angeles	Virginia Ave	Bioretention (No Underdrain)	735
102883	Los Angeles	W 1st St	Bioretention (No Underdrain)	2,107
102883	Los Angeles	W 2nd St	Bioretention (No Underdrain)	681
102883	Los Angeles	W 3rd St	Bioretention (No Underdrain)	1,097
102883	Los Angeles	W 4th St	Bioretention (No Underdrain)	1,143
102883	Los Angeles	W Sunset Blvd	Bioretention (No Underdrain)	3,592
102883	Los Angeles	Winona Blvd	Bioretention (No Underdrain)	2,948
102883	Los Angeles	(unknown)	Bioretention (No Underdrain)	989
102883	Los Angeles	Alto Oak Dr	Bioretention (No Underdrain)	27
102883	Los Angeles	Barton Ave	Bioretention (No Underdrain)	101
102883	Los Angeles	Beverly Blvd	Bioretention (No Underdrain)	5,151
103083	Los Angeles	Briarcliff Rd	Bioretention (No Underdrain)	46
103083	Los Angeles	Canyon Dr	Bioretention (No Underdrain)	27
103083	Los Angeles	Carlton Way	Bioretention (No Underdrain)	2,379
103083	Los Angeles	Clinton St	Bioretention (No Underdrain)	3,113
103083	Los Angeles	Council St	Bioretention (No Underdrain)	2,425
103083	Los Angeles	de Longpre Ave	Bioretention (No Underdrain)	382
103083	Los Angeles	E Live Oak Dr	Bioretention (No Underdrain)	75

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103083	Los Angeles	Elmwood Ave	Bioretention (No Underdrain)	1,393
103083	Los Angeles	Fern Dell Dr	Bioretention (No Underdrain)	746
103083	Los Angeles	Fernwood Ave	Bioretention (No Underdrain)	780
103083	Los Angeles	Flemish Ln	Bioretention (No Underdrain)	384
103083	Los Angeles	Foothill Dr	Bioretention (No Underdrain)	352
103083	Los Angeles	Fountain Ave	Bioretention (No Underdrain)	1,419
103083	Los Angeles	Franklin Ave	Bioretention (No Underdrain)	3,170
103083	Los Angeles	Garfield Pl	Bioretention (No Underdrain)	1,330
103083	Los Angeles	Gilbert Pl	Bioretention (No Underdrain)	331
103083	Los Angeles	Harold Way	Bioretention (No Underdrain)	1,688
103083	Los Angeles	Hill Oak Dr	Bioretention (No Underdrain)	75
103083	Los Angeles	Hobart Pl	Bioretention (No Underdrain)	496
103083	Los Angeles	Hollywood Blvd	Bioretention (No Underdrain)	3,344
103083	Los Angeles	Ingraham St	Bioretention (No Underdrain)	2,460
103083	Los Angeles	Institute Pl	Bioretention (No Underdrain)	420
103083	Los Angeles	la Cresta Ct	Bioretention (No Underdrain)	766
103083	Los Angeles	la Mirada Ave	Bioretention (No Underdrain)	1,127
103083	Los Angeles	Laughin Park Dr	Bioretention (No Underdrain)	37
103083	Los Angeles	Lemon Grove Ave	Bioretention (No Underdrain)	2,126
103083	Los Angeles	Lexington Ave	Bioretention (No Underdrain)	815
103083	Los Angeles	Loma Linda Ave	Bioretention (No Underdrain)	661
103083	Los Angeles	Los Adornos Way	Bioretention (No Underdrain)	202
103083	Los Angeles	Los Bonitos Way	Bioretention (No Underdrain)	14
103083	Los Angeles	Los Caballeros Way	Bioretention (No Underdrain)	140
103083	Los Angeles	Los Diegos Way	Bioretention (No Underdrain)	15
103083	Los Angeles	Los Encantos Way	Bioretention (No Underdrain)	106
103083	Los Angeles	Los Feliz Blvd	Bioretention (No Underdrain)	1,499
103083	Los Angeles	Los Grandes Way	Bioretention (No Underdrain)	20
103083	Los Angeles	Los Hermosos Way	Bioretention (No Underdrain)	69
103083	Los Angeles	Maplewood Ave	Bioretention (No Underdrain)	3,416
103083	Los Angeles	Marathon St	Bioretention (No Underdrain)	1,874
103083	Los Angeles	Melrose Ave	Bioretention (No Underdrain)	2,797
103083	Los Angeles	Melrose Hill St	Bioretention (No Underdrain)	740
103083	Los Angeles	Monroe St	Bioretention (No Underdrain)	473
103083	Los Angeles	Morgan Hill Dr	Bioretention (No Underdrain)	39
103083	Los Angeles	Mountain Oak Dr	Bioretention (No Underdrain)	35
103083	Los Angeles	N Ardmore Ave	Bioretention (No Underdrain)	5,435
103083	Los Angeles	N Gramercy Pl	Bioretention (No Underdrain)	3,367
103083	Los Angeles	N Harvard Blvd	Bioretention (No Underdrain)	7,174
103083	Los Angeles	N Hobart Blvd	Bioretention (No Underdrain)	9,969
103083	Los Angeles	N Irving Blvd	Bioretention (No Underdrain)	53
103083	Los Angeles	N Kingsley Dr	Bioretention (No Underdrain)	5,640
103083	Los Angeles	N Manhattan Pl	Bioretention (No Underdrain)	2,649
103083	Los Angeles	N Mariposa Ave	Bioretention (No Underdrain)	526
103083	Los Angeles	N Normandie Ave	Bioretention (No Underdrain)	2,338
103083	Los Angeles	N Norton Ave	Bioretention (No Underdrain)	1,163
103083	Los Angeles	N Oxford Ave	Bioretention (No Underdrain)	6,913
103083	Los Angeles	N Ridgewood Pl	Bioretention (No Underdrain)	1,966
103083	Los Angeles	N Serrano Ave	Bioretention (No Underdrain)	10,091
103083	Los Angeles	N St Andrews Pl	Bioretention (No Underdrain)	5,985
103083	Los Angeles	N Van Ness Ave	Bioretention (No Underdrain)	1,847
103083	Los Angeles	N Western Ave	Bioretention (No Underdrain)	11,252
103083	Los Angeles	N Wilton Pl	Bioretention (No Underdrain)	4,973
103083	Los Angeles	Normandie Pl	Bioretention (No Underdrain)	1,193
103283	Los Angeles	Oakwood Ave	Bioretention (No Underdrain)	3,949

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103283	Los Angeles	Red Oak Dr	Bioretention (No Underdrain)	253
103283	Los Angeles	Ridge Oak Dr	Bioretention (No Underdrain)	39
103283	Los Angeles	Romaine St	Bioretention (No Underdrain)	2,313
103283	Los Angeles	Rosewood Ave	Bioretention (No Underdrain)	3,501
103283	Los Angeles	Russell Ave	Bioretention (No Underdrain)	1,286
103283	Los Angeles	S Ardmore Ave	Bioretention (No Underdrain)	2,915
103283	Los Angeles	S Bronson Ave	Bioretention (No Underdrain)	1,319
103783	Los Angeles	S Gramercy Pl	Bioretention (No Underdrain)	4,128
103783	Los Angeles	S Harvard Blvd	Bioretention (No Underdrain)	4,029
104083	Los Angeles	S Hobart Blvd	Bioretention (No Underdrain)	4,381
105883	Los Angeles	S Irving Blvd	Bioretention (No Underdrain)	318
105883	Los Angeles	S Kingsley Dr	Bioretention (No Underdrain)	4,394
106083	Los Angeles	S Manhattan Pl	Bioretention (No Underdrain)	4,151
106083	Los Angeles	S Mariposa Ave	Bioretention (No Underdrain)	610
106083	Los Angeles	S Normandie Ave	Bioretention (No Underdrain)	1,667
106783	Los Angeles	S Norton Ave	Bioretention (No Underdrain)	4,982
106783	Los Angeles	S Oxford Ave	Bioretention (No Underdrain)	5,123
106783	Los Angeles	S Ridgewood Pl	Bioretention (No Underdrain)	178
106783	Los Angeles	S Serrano Ave	Bioretention (No Underdrain)	5,045
106783	Los Angeles	S St Andrews Pl	Bioretention (No Underdrain)	4,886
106783	Los Angeles	S Van Ness Ave	Bioretention (No Underdrain)	4,131
106783	Los Angeles	S Western Ave	Bioretention (No Underdrain)	4,886
106783	Los Angeles	S Wilton Pl	Bioretention (No Underdrain)	4,707
106783	Los Angeles	Santa Monica Blvd	Bioretention (No Underdrain)	829
106783	Los Angeles	Serrano Pl	Bioretention (No Underdrain)	130
106783	Los Angeles	Sierra Vista Ave	Bioretention (No Underdrain)	412
106783	Los Angeles	Sunset Blvd	Bioretention (No Underdrain)	2,913
106783	Los Angeles	Taft Ave	Bioretention (No Underdrain)	2,145
106783	Los Angeles	Verde Oak Dr	Bioretention (No Underdrain)	69
106783	Los Angeles	Virginia Ave	Bioretention (No Underdrain)	1,053
106783	Los Angeles	W 1st St	Bioretention (No Underdrain)	6,004
106783	Los Angeles	W 2nd St	Bioretention (No Underdrain)	5,928
106783	Los Angeles	W 3rd St	Bioretention (No Underdrain)	5,334
106783	Los Angeles	W 4th St	Bioretention (No Underdrain)	5,475
106783	Los Angeles	W 5th St	Bioretention (No Underdrain)	4,849
106783	Los Angeles	W 6th St	Bioretention (No Underdrain)	5,024
106783	Los Angeles	W 7th St	Bioretention (No Underdrain)	1,432
106783	Los Angeles	W Lexington Ave	Bioretention (No Underdrain)	103
106783	Los Angeles	W Live Oak Dr	Bioretention (No Underdrain)	80
106783	Los Angeles	W Los Feliz Blvd	Bioretention (No Underdrain)	231
106783	Los Angeles	W Sunset Blvd	Bioretention (No Underdrain)	2,913
106783	Los Angeles	Westminster Ave	Bioretention (No Underdrain)	1,321
106783	Los Angeles	Wild Oak Dr	Bioretention (No Underdrain)	13
106783	Los Angeles	Wilshire Blvd	Bioretention (No Underdrain)	4,787
106783	Los Angeles	Wilton Dr	Bioretention (No Underdrain)	890
106783	Los Angeles	(unknown)	Bioretention (No Underdrain)	85
106783	Los Angeles	Barton Ave	Bioretention (No Underdrain)	1,281
106783	Los Angeles	Beverly Blvd	Bioretention (No Underdrain)	530
106783	Los Angeles	Canyon Dr	Bioretention (No Underdrain)	255
106783	Los Angeles	Carlton Way	Bioretention (No Underdrain)	50
106783	Los Angeles	Clinton St	Bioretention (No Underdrain)	1,861
106783	Los Angeles	de Longpre Ave	Bioretention (No Underdrain)	984
106783	Los Angeles	Eleanor Ave	Bioretention (No Underdrain)	52
106783	Los Angeles	Elmwood Ave	Bioretention (No Underdrain)	1,244
106783	Los Angeles	Fernwood Ave	Bioretention (No Underdrain)	736

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
106783	Los Angeles	Fountain Ave	Bioretention (No Underdrain)	1,411
106783	Los Angeles	Gregory Ave	Bioretention (No Underdrain)	56
106783	Los Angeles	Harold Way	Bioretention (No Underdrain)	533
106783	Los Angeles	la Cresta Ct	Bioretention (No Underdrain)	54
106783	Los Angeles	la Mirada Ave	Bioretention (No Underdrain)	2,266
106783	Los Angeles	la Vista Ct	Bioretention (No Underdrain)	329
106783	Los Angeles	Lemon Grove Ave	Bioretention (No Underdrain)	1,892
106783	Los Angeles	Lexington Ave	Bioretention (No Underdrain)	2,395
106783	Los Angeles	Maplewood Ave	Bioretention (No Underdrain)	904
106783	Los Angeles	Marathon St	Bioretention (No Underdrain)	275
106783	Los Angeles	Melrose Ave	Bioretention (No Underdrain)	2,607
106783	Los Angeles	Monroe St	Bioretention (No Underdrain)	897
106783	Los Angeles	N Bronson Ave	Bioretention (No Underdrain)	5,571
106783	Los Angeles	N Gower St	Bioretention (No Underdrain)	1,844
106783	Los Angeles	N Gramercy Pl	Bioretention (No Underdrain)	1,272
106783	Los Angeles	N Irving Blvd	Bioretention (No Underdrain)	1,662
106783	Los Angeles	N Norton Ave	Bioretention (No Underdrain)	1,978
106783	Los Angeles	N Ridgewood Pl	Bioretention (No Underdrain)	2,762
106783	Los Angeles	N St Andrews Pl	Bioretention (No Underdrain)	2,780
106783	Los Angeles	N Van Ness Ave	Bioretention (No Underdrain)	7,688
106783	Los Angeles	N Wilton Pl	Bioretention (No Underdrain)	5,954
106783	Los Angeles	N Windsor Blvd	Bioretention (No Underdrain)	83
106983	Los Angeles	Raleigh St	Bioretention (No Underdrain)	660
108083	Los Angeles	Romaine St	Bioretention (No Underdrain)	1,257
108083	Los Angeles	Rosewood Ave	Bioretention (No Underdrain)	913
108083	Los Angeles	Sierra Vista Ave	Bioretention (No Underdrain)	1,215
108083	Los Angeles	Taft Ave	Bioretention (No Underdrain)	140
108083	Los Angeles	Valentino Pl	Bioretention (No Underdrain)	44
108083	Los Angeles	Virginia Ave	Bioretention (No Underdrain)	2,529
108083	Los Angeles	Willoughby Ave	Bioretention (No Underdrain)	55
108083	Los Angeles	Windsor Blvd	Bioretention (No Underdrain)	39
108083	Los Angeles	(unknown)	Bioretention (No Underdrain)	1,145
108083	Los Angeles	63rd Ave	Bioretention (No Underdrain)	185
108083	Los Angeles	66th Ave	Bioretention (No Underdrain)	9
108183	Los Angeles	Agnew Ave	Bioretention (No Underdrain)	7
108883	Los Angeles	Alberta Dr	Bioretention (No Underdrain)	1,297
117583	Los Angeles	Alla Rd	Bioretention (No Underdrain)	1,345
117583	Los Angeles	Altamor Dr	Bioretention (No Underdrain)	593
117583	Los Angeles	Altavan Ave	Bioretention (No Underdrain)	2,290
117583	Los Angeles	Andover Ln	Bioretention (No Underdrain)	440
117583	Los Angeles	Aneta St	Bioretention (No Underdrain)	2,306
117583	Los Angeles	Artisans Way	Bioretention (No Underdrain)	66
117583	Los Angeles	Bay St	Bioretention (No Underdrain)	1,280
117583	Los Angeles	Beatrice St	Bioretention (No Underdrain)	2,783
117583	Los Angeles	Beethoven St	Bioretention (No Underdrain)	266
117583	Los Angeles	Belton Dr	Bioretention (No Underdrain)	1,163
108887	Los Angeles	Berger Ave	Bioretention (No Underdrain)	350
108887	Los Angeles	Billowvista Dr	Bioretention (No Underdrain)	800
108887	Los Angeles	Bluff Creek Dr	Bioretention (No Underdrain)	604
108887	Los Angeles	Brisa	Bioretention (No Underdrain)	590
108887	Los Angeles	Cabora Dr	Bioretention (No Underdrain)	311
108887	Los Angeles	Calabar Ave	Bioretention (No Underdrain)	395
108887	Los Angeles	Campion Dr	Bioretention (No Underdrain)	1,626
108887	Los Angeles	Celedon Creek	Bioretention (No Underdrain)	904
108887	Los Angeles	Chase Ave	Bioretention (No Underdrain)	51

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
108887	Los Angeles	Colegio Dr	Bioretention (No Underdrain)	1,035
108887	Los Angeles	Concert Park Dr	Bioretention (No Underdrain)	453
108887	Los Angeles	Coral Tree Pl	Bioretention (No Underdrain)	903
108887	Los Angeles	Cowan Ave	Bioretention (No Underdrain)	909
108887	Los Angeles	Culver Pl	Bioretention (No Underdrain)	26
108887	Los Angeles	Delgany Ave	Bioretention (No Underdrain)	1,519
108887	Los Angeles	Denrock Ave	Bioretention (No Underdrain)	1,238
108887	Los Angeles	Dunbarton Ave	Bioretention (No Underdrain)	1,106
108887	Los Angeles	Ea Way	Bioretention (No Underdrain)	590
108887	Los Angeles	Falmouth Ave	Bioretention (No Underdrain)	1,044
108887	Los Angeles	Fifth St	Bioretention (No Underdrain)	882
108887	Los Angeles	Firebrand St	Bioretention (No Underdrain)	1,422
108887	Los Angeles	Fordham Rd	Bioretention (No Underdrain)	1,796
108887	Los Angeles	Fountain Park Dr	Bioretention (No Underdrain)	331
108887	Los Angeles	Gonzaga Ave	Bioretention (No Underdrain)	788
108887	Los Angeles	Grosvenor Blvd	Bioretention (No Underdrain)	602
108887	Los Angeles	Gulana Ave	Bioretention (No Underdrain)	884
108887	Los Angeles	Hammack St	Bioretention (No Underdrain)	1,919
108887	Los Angeles	Hedding St	Bioretention (No Underdrain)	503
108887	Los Angeles	Henefer Ave	Bioretention (No Underdrain)	1,025
108887	Los Angeles	Hughes Way	Bioretention (No Underdrain)	2,772
108887	Los Angeles	Hulbert Ave	Bioretention (No Underdrain)	533
109087	Los Angeles	Inglewood Blvd	Bioretention (No Underdrain)	1,815
109087	Los Angeles	Jefferson Blvd	Bioretention (No Underdrain)	2,958
109087	Los Angeles	Juniette St	Bioretention (No Underdrain)	2,939
109087	Los Angeles	Kentwood Bluffs Dr	Bioretention (No Underdrain)	243
109087	Los Angeles	Kentwood Ct	Bioretention (No Underdrain)	353
109087	Los Angeles	Kenyon Ave	Bioretention (No Underdrain)	1,326
109087	Los Angeles	Kiyot Way	Bioretention (No Underdrain)	13
109087	Los Angeles	Lucile St	Bioretention (No Underdrain)	2,553
109087	Los Angeles	Major St	Bioretention (No Underdrain)	522
109087	Los Angeles	Margaret Ave	Bioretention (No Underdrain)	1,248
109087	Los Angeles	McConnell Ave	Bioretention (No Underdrain)	2,653
109087	Los Angeles	Mesmer Ave	Bioretention (No Underdrain)	1,922
109087	Los Angeles	Nardian Way	Bioretention (No Underdrain)	1,737
109087	Los Angeles	Nicholson St	Bioretention (No Underdrain)	10
109087	Los Angeles	Pershing Dr	Bioretention (No Underdrain)	399
109087	Los Angeles	Playa Vista Dr	Bioretention (No Underdrain)	1,224
109087	Los Angeles	Randall St	Bioretention (No Underdrain)	1,818
109087	Los Angeles	Rayford Dr	Bioretention (No Underdrain)	938
109087	Los Angeles	Rees St	Bioretention (No Underdrain)	852
109087	Los Angeles	Riggs Pl	Bioretention (No Underdrain)	4
109087	Los Angeles	S Bluff Trail Rd	Bioretention (No Underdrain)	101
109187	Los Angeles	S Campus Center Dr	Bioretention (No Underdrain)	579
109187	Los Angeles	S Centinela Ave	Bioretention (No Underdrain)	21
109187	Los Angeles	S Concert Park Dr	Bioretention (No Underdrain)	453
109187	Los Angeles	S Crescent Park E	Bioretention (No Underdrain)	239
109187	Los Angeles	S Crescent Park W	Bioretention (No Underdrain)	90
109187	Los Angeles	S Dawn Creek	Bioretention (No Underdrain)	980
109187	Los Angeles	S Earldom Ave	Bioretention (No Underdrain)	14
109187	Los Angeles	S Falmouth Ave	Bioretention (No Underdrain)	951
109187	Los Angeles	S Hastings Ave	Bioretention (No Underdrain)	31
109187	Los Angeles	S Hulbert Ave	Bioretention (No Underdrain)	255
109187	Los Angeles	S Kiyot Way	Bioretention (No Underdrain)	908
109187	Los Angeles	S para Way	Bioretention (No Underdrain)	981

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Los Angeles	S Playa Vista Dr	Bioretention (No Underdrain)	1,805
109187	Los Angeles	S Seabluff Dr	Bioretention (No Underdrain)	907
109187	Los Angeles	S Seawalk Dr	Bioretention (No Underdrain)	1,463
109187	Los Angeles	S Westlawn Ave	Bioretention (No Underdrain)	737
109187	Los Angeles	Saran Dr	Bioretention (No Underdrain)	764
109187	Los Angeles	Second St	Bioretention (No Underdrain)	98
109187	Los Angeles	Sinaloa Rd	Bioretention (No Underdrain)	83
109187	Los Angeles	Stewart Ave	Bioretention (No Underdrain)	2,034
109187	Los Angeles	Sunnysea Dr	Bioretention (No Underdrain)	331
109187	Los Angeles	Teale St	Bioretention (No Underdrain)	853
109187	Los Angeles	Third St	Bioretention (No Underdrain)	384
109187	Los Angeles	Tuscany Ave	Bioretention (No Underdrain)	1,217
109187	Los Angeles	Veragua Dr	Bioretention (No Underdrain)	54
109187	Los Angeles	Village Dr	Bioretention (No Underdrain)	146
109187	Los Angeles	Vis del Mar	Bioretention (No Underdrain)	625
109187	Los Angeles	W 77th St	Bioretention (No Underdrain)	759
109187	Los Angeles	W 78th St	Bioretention (No Underdrain)	785
109187	Los Angeles	W 79th St	Bioretention (No Underdrain)	1,740
109187	Los Angeles	W 80th St	Bioretention (No Underdrain)	2,256
109187	Los Angeles	W 81st St	Bioretention (No Underdrain)	1,565
109187	Los Angeles	W 82nd St	Bioretention (No Underdrain)	532
109187	Los Angeles	W 83rd St	Bioretention (No Underdrain)	4,560
109187	Los Angeles	W 84th St	Bioretention (No Underdrain)	160
109187	Los Angeles	W 85th St	Bioretention (No Underdrain)	411
109187	Los Angeles	W Agustin Pl	Bioretention (No Underdrain)	666
109187	Los Angeles	W Bay Park Dr	Bioretention (No Underdrain)	777
109187	Los Angeles	W Bluff Creek Dr	Bioretention (No Underdrain)	5,273
109187	Los Angeles	W Centinela Ave	Bioretention (No Underdrain)	2,707
109187	Los Angeles	W Coastal View Dr	Bioretention (No Underdrain)	513
109187	Los Angeles	W Discovery Creek	Bioretention (No Underdrain)	1,900
109187	Los Angeles	W Jefferson Blvd	Bioretention (No Underdrain)	17,488
109187	Los Angeles	W Manchester Ave	Bioretention (No Underdrain)	5,467
109187	Los Angeles	W Pacific Prom	Bioretention (No Underdrain)	123
109187	Los Angeles	W Pacific Promenade	Bioretention (No Underdrain)	1,919
109187	Los Angeles	W Runway Rd	Bioretention (No Underdrain)	2,248
109187	Los Angeles	W Shore Cliff Dr	Bioretention (No Underdrain)	27
109187	Los Angeles	W Villosa Pl	Bioretention (No Underdrain)	668
109187	Los Angeles	Westlawn Ave	Bioretention (No Underdrain)	1,742
109187	Los Angeles	Wynkoop St	Bioretention (No Underdrain)	1,046
109187	Los Angeles	Zayanta Dr	Bioretention (No Underdrain)	872
109187	Los Angeles	Zitola Ter	Bioretention (No Underdrain)	53
109187	Santa Monica	(unknown)	Bioretention (No Underdrain)	11,384
109187	Santa Monica	27th St	Bioretention (No Underdrain)	4
109187	Santa Monica	29th St	Bioretention (No Underdrain)	625
109187	Santa Monica	30th St	Bioretention (No Underdrain)	1,230
109187	Santa Monica	31st St	Bioretention (No Underdrain)	1,523
109187	Santa Monica	32nd St	Bioretention (No Underdrain)	1,709
109187	Santa Monica	33rd St	Bioretention (No Underdrain)	2,088
109187	Santa Monica	34th St	Bioretention (No Underdrain)	2,389
109187	Santa Monica	Broadway	Bioretention (No Underdrain)	40
109187	Santa Monica	Broadway St	Bioretention (No Underdrain)	40
109187	Santa Monica	Centinela Ave	Bioretention (No Underdrain)	4
109187	Santa Monica	Colorado Ave	Bioretention (No Underdrain)	86
109187	Santa Monica	Delaware Ave	Bioretention (No Underdrain)	2,267
109187	Santa Monica	Dorchester Ave	Bioretention (No Underdrain)	1,153

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109187	Santa Monica	Exposition Blvd	Bioretention (No Underdrain)	2,407
109187	Santa Monica	Kansas Ave	Bioretention (No Underdrain)	543
109187	Santa Monica	Nebraska Ave	Bioretention (No Underdrain)	83
109187	Santa Monica	Ocean Park Blvd	Bioretention (No Underdrain)	729
109187	Santa Monica	Olympic Blvd	Bioretention (No Underdrain)	806
109187	Santa Monica	Pearl St	Bioretention (No Underdrain)	1,935
109187	Santa Monica	Pennsylvania Ave	Bioretention (No Underdrain)	80
109187	Santa Monica	Pico Blvd	Bioretention (No Underdrain)	1,655
109187	Santa Monica	S Centinela Ave	Bioretention (No Underdrain)	471
109187	Santa Monica	Stewart St	Bioretention (No Underdrain)	756
109187	Santa Monica	Urban Ave	Bioretention (No Underdrain)	1,517
109187	Santa Monica	Virginia Ave	Bioretention (No Underdrain)	981
109187	Santa Monica	W Olympic Blvd	Bioretention (No Underdrain)	460
109187	Santa Monica	Warwick Ave	Bioretention (No Underdrain)	659
109187	Santa Monica	Yorkshire Ave	Bioretention (No Underdrain)	1,181
109187	Unincorporated	Sophomore Dr	Bioretention (No Underdrain)	36
109187	Unincorporated	(unknown)	Bioretention (No Underdrain)	400
109187	Unincorporated	A St	Bioretention (No Underdrain)	34
109187	Unincorporated	C St	Bioretention (No Underdrain)	57
109187	Unincorporated	F St	Bioretention (No Underdrain)	29
109187	Unincorporated	Freshman Dr	Bioretention (No Underdrain)	2,430
109187	Unincorporated	Sophomore Dr	Bioretention (No Underdrain)	643
109287	Unincorporated	Stocker St	Bioretention (No Underdrain)	1,123
109287	Unincorporated	(unknown)	Bioretention (No Underdrain)	20
109287	Unincorporated	Grosvenor Blvd	Bioretention (No Underdrain)	27
109287	Unincorporated	S Centinela Ave	Bioretention (No Underdrain)	14
109287	Unincorporated	(unknown)	Bioretention (No Underdrain)	2,434
109287	Unincorporated	51st St	Bioretention (No Underdrain)	1,204
109287	Unincorporated	55th St	Bioretention (No Underdrain)	199
109287	Unincorporated	Allegheny Ct	Bioretention (No Underdrain)	152
109287	Unincorporated	Bedford Ave	Bioretention (No Underdrain)	2,423
109287	Unincorporated	Chariton Ave	Bioretention (No Underdrain)	1,519
109287	Unincorporated	Esterina Way	Bioretention (No Underdrain)	14
109287	Unincorporated	Hill Rd	Bioretention (No Underdrain)	40
109287	Unincorporated	Ladera Crest Dr	Bioretention (No Underdrain)	1,204
109287	Unincorporated	Marjan Ave	Bioretention (No Underdrain)	558
109287	Unincorporated	Pendleton Ct	Bioretention (No Underdrain)	52
109287	Unincorporated	Reynier Ave	Bioretention (No Underdrain)	1,202
109287	Unincorporated	S Chariton Ave	Bioretention (No Underdrain)	149
109287	Unincorporated	S Corning Ave	Bioretention (No Underdrain)	3,183
109287	Unincorporated	S Garth Ave	Bioretention (No Underdrain)	2,658
109287	Unincorporated	S Holt Ave	Bioretention (No Underdrain)	2,424
109287	Unincorporated	S Sherbourne Dr	Bioretention (No Underdrain)	2,708
109287	Unincorporated	Senford Ave	Bioretention (No Underdrain)	1,832
109287	Unincorporated	Shenandoah Ave	Bioretention (No Underdrain)	3,700
109287	Unincorporated	Slauson	Bioretention (No Underdrain)	1,882
109287	Unincorporated	W 54th St	Bioretention (No Underdrain)	45
109287	Unincorporated	W 55th St	Bioretention (No Underdrain)	2,094
109287	Unincorporated	W 57th St	Bioretention (No Underdrain)	1,869
109287	Unincorporated	W Slauson Ave	Bioretention (No Underdrain)	1,515
109287	Unincorporated	(unknown)	Bioretention (No Underdrain)	13,789
109287	Unincorporated	51st St	Bioretention (No Underdrain)	172
109287	Unincorporated	59th St	Bioretention (No Underdrain)	270
109287	Unincorporated	Acacia St	Bioretention (No Underdrain)	1,102
103275	Unincorporated	Alvern St	Bioretention (No Underdrain)	683

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103275	Unincorporated	Aly	Bioretention (No Underdrain)	33
103275	Unincorporated	Bedford Ave	Bioretention (No Underdrain)	3,172
103275	Unincorporated	Chariton Ave	Bioretention (No Underdrain)	1,164
103275	Unincorporated	Condon Ave	Bioretention (No Underdrain)	98
103275	Unincorporated	Damask Ave	Bioretention (No Underdrain)	1,263
103275	Unincorporated	Fairview Blvd	Bioretention (No Underdrain)	978
103275	Unincorporated	Flight Ave	Bioretention (No Underdrain)	164
103275	Unincorporated	Flores Ave	Bioretention (No Underdrain)	1,044
103275	Unincorporated	Goldleaf Cir	Bioretention (No Underdrain)	136
103275	Unincorporated	la Tijera Blvd	Bioretention (No Underdrain)	1,795
103275	Unincorporated	Ladera Crest Dr	Bioretention (No Underdrain)	172
103275	Unincorporated	Laurelwood Dr	Bioretention (No Underdrain)	30
103275	Unincorporated	Morley Ave	Bioretention (No Underdrain)	382
103275	Unincorporated	Mosley Ave	Bioretention (No Underdrain)	679
103275	Unincorporated	Radlock Ave	Bioretention (No Underdrain)	1,425
103275	Unincorporated	S Chariton Ave	Bioretention (No Underdrain)	1,936
103275	Unincorporated	S Corning Ave	Bioretention (No Underdrain)	1,889
103275	Unincorporated	S Croft Ave	Bioretention (No Underdrain)	1,294
103275	Unincorporated	S Fairfax Ave	Bioretention (No Underdrain)	2,063
103275	Unincorporated	S Garth Ave	Bioretention (No Underdrain)	2,823
103275	Unincorporated	S Halm Ave	Bioretention (No Underdrain)	3,919
103275	Unincorporated	S Holt Ave	Bioretention (No Underdrain)	3,416
103275	Unincorporated	S Kings Rd	Bioretention (No Underdrain)	1,659
103275	Unincorporated	S la Cienega Blvd	Bioretention (No Underdrain)	8,322
103275	Unincorporated	S la Tijera Blvd	Bioretention (No Underdrain)	1,795
103275	Unincorporated	S Laurelwood Dr	Bioretention (No Underdrain)	30
103275	Unincorporated	S Le Doux Rd	Bioretention (No Underdrain)	1,645
103275	Unincorporated	S Orlando Ave	Bioretention (No Underdrain)	658
101483	Unincorporated	S Senford Ave	Bioretention (No Underdrain)	260
101583	Unincorporated	S Sherbourne Dr	Bioretention (No Underdrain)	3,178
101583	Unincorporated	S Springpark Ave	Bioretention (No Underdrain)	2,074
101583	Unincorporated	S Wooster Ave	Bioretention (No Underdrain)	2,465
101583	Unincorporated	Senford Ave	Bioretention (No Underdrain)	1,099
101583	Unincorporated	Shenandoah Ave	Bioretention (No Underdrain)	3,831
101583	Unincorporated	Slauson	Bioretention (No Underdrain)	654
101583	Unincorporated	Slauson Ave	Bioretention (No Underdrain)	742
102383	Unincorporated	Stocker St	Bioretention (No Underdrain)	565
102383	Unincorporated	Unnamed Alley Running From East To West 3 Blocks	Bioretention (No Underdrain)	326
102383	Unincorporated	W 54th St	Bioretention (No Underdrain)	75
102583	Unincorporated	W 55th St	Bioretention (No Underdrain)	4
102583	Unincorporated	W 58th Pl	Bioretention (No Underdrain)	1,589
102583	Unincorporated	W 59th St	Bioretention (No Underdrain)	1,669
102583	Unincorporated	W 61st St	Bioretention (No Underdrain)	1,180
102583	Unincorporated	W 62nd St	Bioretention (No Underdrain)	3,172
102583	Unincorporated	W 63rd St	Bioretention (No Underdrain)	1,802
102583	Unincorporated	W 64th St	Bioretention (No Underdrain)	2,580
102583	Unincorporated	W Centinela Ave	Bioretention (No Underdrain)	4,300
102583	Unincorporated	W Slauson Ave	Bioretention (No Underdrain)	2,953
102583	Unincorporated	Wooster Ave	Bioretention (No Underdrain)	4,801
102583	Unincorporated	(unknown)	Bioretention (No Underdrain)	9,269
102583	Unincorporated	59th St	Bioretention (No Underdrain)	89
102583	Unincorporated	Adale Pl	Bioretention (No Underdrain)	92
102583	Unincorporated	Alviso Ave	Bioretention (No Underdrain)	1,310
102583	Unincorporated	Angeles Vista Blvd	Bioretention (No Underdrain)	2,865
102583	Unincorporated	Arch Crest Dr	Bioretention (No Underdrain)	877

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102583	Unincorporated	Bradna Dr	Bioretention (No Underdrain)	1,300
102583	Unincorporated	Brea Crest Dr	Bioretention (No Underdrain)	91
102583	Unincorporated	Charlene Dr	Bioretention (No Underdrain)	955
102583	Unincorporated	Chasar Pl	Bioretention (No Underdrain)	199
102583	Unincorporated	Condon Ave	Bioretention (No Underdrain)	1,269
102583	Unincorporated	Dawn View Pl	Bioretention (No Underdrain)	216
102583	Unincorporated	Deane Ave	Bioretention (No Underdrain)	168
102583	Unincorporated	Edgemar Ave	Bioretention (No Underdrain)	288
102883	Unincorporated	Harcross Dr	Bioretention (No Underdrain)	872
102883	Unincorporated	Heatherdale Dr	Bioretention (No Underdrain)	637
102883	Unincorporated	Inadale Ave	Bioretention (No Underdrain)	2,654
102883	Unincorporated	Inaglen Way	Bioretention (No Underdrain)	262
102883	Unincorporated	Keniston Ave	Bioretention (No Underdrain)	163
102883	Unincorporated	la Brea Ave	Bioretention (No Underdrain)	3,526
102883	Unincorporated	Ladera Park Ave	Bioretention (No Underdrain)	1,471
102883	Unincorporated	Marburn Ave	Bioretention (No Underdrain)	2,751
102883	Unincorporated	Marvale Dr	Bioretention (No Underdrain)	212
102883	Unincorporated	Maymont Dr	Bioretention (No Underdrain)	1,441
102883	Unincorporated	Mioland Dr	Bioretention (No Underdrain)	512
102883	Unincorporated	Monteith Dr	Bioretention (No Underdrain)	1,240
102883	Unincorporated	Mount Vernon Dr	Bioretention (No Underdrain)	760
102883	Unincorporated	Northridge Dr	Bioretention (No Underdrain)	3,950
102883	Unincorporated	Onacrest Dr	Bioretention (No Underdrain)	2,477
102883	Unincorporated	Onaknoll Ave	Bioretention (No Underdrain)	1,808
102883	Unincorporated	Orchid Dr	Bioretention (No Underdrain)	1,042
102883	Unincorporated	Overdale Dr	Bioretention (No Underdrain)	1,987
102883	Unincorporated	Overhill Dr	Bioretention (No Underdrain)	4,823
102883	Unincorporated	Parkglen Ave	Bioretention (No Underdrain)	3,145
102883	Unincorporated	S Citrus Ave	Bioretention (No Underdrain)	1,360
102883	Unincorporated	S Fairfax Ave	Bioretention (No Underdrain)	3,770
102883	Unincorporated	S la Brea Ave	Bioretention (No Underdrain)	3,526
102883	Unincorporated	S Mansfield Ave	Bioretention (No Underdrain)	472
102883	Unincorporated	S Rimpau Blvd	Bioretention (No Underdrain)	166
102883	Unincorporated	S Verdun Ave	Bioretention (No Underdrain)	3,555
102883	Unincorporated	Secrest Dr	Bioretention (No Underdrain)	503
102883	Unincorporated	Southridge Ave	Bioretention (No Underdrain)	3,502
102883	Unincorporated	Springdale Dr	Bioretention (No Underdrain)	755
102883	Unincorporated	Springhill Pl	Bioretention (No Underdrain)	101
102883	Unincorporated	Stocker St	Bioretention (No Underdrain)	870
102883	Unincorporated	Summerhill Dr	Bioretention (No Underdrain)	337
102883	Unincorporated	Valdina Pl	Bioretention (No Underdrain)	132
102883	Unincorporated	Valley Glen Way	Bioretention (No Underdrain)	504
102883	Unincorporated	Valley Ridge Ave	Bioretention (No Underdrain)	3,702
102883	Unincorporated	Valleydale Ave	Bioretention (No Underdrain)	799
102883	Unincorporated	W 54th St	Bioretention (No Underdrain)	170
102883	Unincorporated	W 57th St	Bioretention (No Underdrain)	815
102883	Unincorporated	W 58th Pl	Bioretention (No Underdrain)	471
102883	Unincorporated	W 59th Pl	Bioretention (No Underdrain)	617
102883	Unincorporated	W 59th St	Bioretention (No Underdrain)	796
102883	Unincorporated	W 60th St	Bioretention (No Underdrain)	938
102883	Unincorporated	W 61st St	Bioretention (No Underdrain)	876
102883	Unincorporated	W 62nd St	Bioretention (No Underdrain)	2,188
102883	Unincorporated	W Mount Vernon Dr	Bioretention (No Underdrain)	760
102883	Unincorporated	W Slauson Ave	Bioretention (No Underdrain)	3,103
102883	Unincorporated	Whelan Pl	Bioretention (No Underdrain)	249

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
102883	Unincorporated	(unknown)	Bioretention (No Underdrain)	7,946
102883	Unincorporated	Addington Way	Bioretention (No Underdrain)	253
102883	Unincorporated	Angeles Vista Blvd	Bioretention (No Underdrain)	6,459
102883	Unincorporated	Athenian Way	Bioretention (No Underdrain)	446
102883	Unincorporated	Aureola Blvd	Bioretention (No Underdrain)	526
102883	Unincorporated	Brynhurst Ave	Bioretention (No Underdrain)	1,103
102883	Unincorporated	Chanson Dr	Bioretention (No Underdrain)	303
103083	Unincorporated	Chesley Ave	Bioretention (No Underdrain)	784
103083	Unincorporated	Circle View Blvd	Bioretention (No Underdrain)	903
103083	Unincorporated	Crestway Dr	Bioretention (No Underdrain)	811
103083	Unincorporated	Crestway Pl	Bioretention (No Underdrain)	609
103083	Unincorporated	Crestwold Ave	Bioretention (No Underdrain)	716
103083	Unincorporated	Deane Ave	Bioretention (No Underdrain)	1,421
103083	Unincorporated	Don Felipe Dr	Bioretention (No Underdrain)	47
103083	Unincorporated	Don Tomaso Dr	Bioretention (No Underdrain)	180
103083	Unincorporated	Eileen Ave	Bioretention (No Underdrain)	2
103083	Unincorporated	Enoro Dr	Bioretention (No Underdrain)	1,431
103083	Unincorporated	Escalon Ave	Bioretention (No Underdrain)	2,072
103083	Unincorporated	Fairland Blvd	Bioretention (No Underdrain)	473
103083	Unincorporated	Fairway Blvd	Bioretention (No Underdrain)	4,049
103083	Unincorporated	Floresta Ave	Bioretention (No Underdrain)	977
103083	Unincorporated	Floresta Way	Bioretention (No Underdrain)	977
103083	Unincorporated	Hillcrest Dr	Bioretention (No Underdrain)	518
103083	Unincorporated	Homeland Dr	Bioretention (No Underdrain)	1,154
103083	Unincorporated	Homeway Dr	Bioretention (No Underdrain)	370
103083	Unincorporated	Inadale Ave	Bioretention (No Underdrain)	78
103083	Unincorporated	Keniston Ave	Bioretention (No Underdrain)	2,024
103083	Unincorporated	Kenway Ave	Bioretention (No Underdrain)	1,317
103083	Unincorporated	Knoll Crest Ave	Bioretention (No Underdrain)	471
103083	Unincorporated	la Brea Ave	Bioretention (No Underdrain)	66
103083	Unincorporated	Lorado Way	Bioretention (No Underdrain)	1,608
103083	Unincorporated	Monteith Dr	Bioretention (No Underdrain)	1,828
103083	Unincorporated	Mount Vernon Dr	Bioretention (No Underdrain)	6,326
103083	Unincorporated	Mullen Pl	Bioretention (No Underdrain)	392
103083	Unincorporated	Northland Dr	Bioretention (No Underdrain)	721
103083	Unincorporated	Northridge Dr	Bioretention (No Underdrain)	36
103083	Unincorporated	Olympiad Dr	Bioretention (No Underdrain)	6,454
103083	Unincorporated	Orinda Ave	Bioretention (No Underdrain)	1,221
103083	Unincorporated	Overhill Dr	Bioretention (No Underdrain)	345
103083	Unincorporated	Palmero Blvd	Bioretention (No Underdrain)	927
103083	Unincorporated	Parkglen Ave	Bioretention (No Underdrain)	84
103083	Unincorporated	Presidio Dr	Bioretention (No Underdrain)	2,928
103083	Unincorporated	S Harcourt Ave	Bioretention (No Underdrain)	730
103083	Unincorporated	S la Brea Ave	Bioretention (No Underdrain)	66
103083	Unincorporated	S la Cienega Blvd	Bioretention (No Underdrain)	1,699
103083	Unincorporated	S Mullen Ave	Bioretention (No Underdrain)	2,871
103083	Unincorporated	S Rimpau Blvd	Bioretention (No Underdrain)	905
103083	Unincorporated	S Verdun Ave	Bioretention (No Underdrain)	81
103083	Unincorporated	S Victoria Ave	Bioretention (No Underdrain)	4,472
103083	Unincorporated	Southridge Ave	Bioretention (No Underdrain)	98
103083	Unincorporated	Stocker St	Bioretention (No Underdrain)	5,153
103083	Unincorporated	Valley Ridge Ave	Bioretention (No Underdrain)	1,834
103083	Unincorporated	Vista de Oro Ave	Bioretention (No Underdrain)	1,291
103083	Unincorporated	W 48th St	Bioretention (No Underdrain)	665
103083	Unincorporated	W 52nd St	Bioretention (No Underdrain)	470

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
103083	Unincorporated	W 54th St	Bioretention (No Underdrain)	1,801
103083	Unincorporated	W Don Lorenzo Dr	Bioretention (No Underdrain)	45
103083	Unincorporated	W Don Quixote Dr	Bioretention (No Underdrain)	31
103083	Unincorporated	W Mount Vernon Dr	Bioretention (No Underdrain)	6,326
103083	Unincorporated	W Vernon Ave	Bioretention (No Underdrain)	238
103083	Unincorporated	West Blvd	Bioretention (No Underdrain)	684
103083	Unincorporated	Westmount Ave	Bioretention (No Underdrain)	827
103083	Unincorporated	(unknown)	Bioretention (No Underdrain)	139
103083	Unincorporated	(unknown)	Bioretention (No Underdrain)	3,138
103083	Unincorporated	Alviso Ave	Bioretention (No Underdrain)	11
103083	Unincorporated	Deane Ave	Bioretention (No Underdrain)	1,301
103083	Unincorporated	Eileen Ave	Bioretention (No Underdrain)	1,319
103083	Unincorporated	Keniston Ave	Bioretention (No Underdrain)	1,502
103283	Unincorporated	S Harcourt Ave	Bioretention (No Underdrain)	1,477
103283	Unincorporated	S Mullen Ave	Bioretention (No Underdrain)	1,469
103283	Unincorporated	S Rimpau Blvd	Bioretention (No Underdrain)	1,490
103283	Unincorporated	W 54th St	Bioretention (No Underdrain)	198
103283	Unincorporated	W 57th St	Bioretention (No Underdrain)	2,009
103283	Unincorporated	W Slauson Ave	Bioretention (No Underdrain)	1,429
103283	Unincorporated	Genesee Ave	Bioretention (No Underdrain)	2
103283	Unincorporated	(unknown)	Bioretention (No Underdrain)	52
103783	Unincorporated	Alberta Dr	Bioretention (No Underdrain)	31
103783	Unincorporated	Aneta St	Bioretention (No Underdrain)	411
104083	Unincorporated	Beatrice St	Bioretention (No Underdrain)	892
105883	Unincorporated	Grosvenor Blvd	Bioretention (No Underdrain)	931
105883	Unincorporated	Hammack St	Bioretention (No Underdrain)	563
106083	Unincorporated	Juniette St	Bioretention (No Underdrain)	321
106083	Unincorporated	Lucile St	Bioretention (No Underdrain)	838
106083	Unincorporated	S Centinela Ave	Bioretention (No Underdrain)	1,770
106783	Unincorporated	W Jefferson Blvd	Bioretention (No Underdrain)	309
106783	West Hollywood	(unknown)	Bioretention (No Underdrain)	6,820
106783	West Hollywood	Fountain Ave	Bioretention (No Underdrain)	6,373
106783	West Hollywood	Greenacre Ave	Bioretention (No Underdrain)	897
106783	West Hollywood	Hampton Ave	Bioretention (No Underdrain)	1,834
106783	West Hollywood	Lexington Ave	Bioretention (No Underdrain)	2,740
106783	West Hollywood	N Alta Vista Blvd	Bioretention (No Underdrain)	40
106783	West Hollywood	N Curson Ave	Bioretention (No Underdrain)	2,415
106783	West Hollywood	N Detroit St	Bioretention (No Underdrain)	1,238
106783	West Hollywood	N Fairfax Ave	Bioretention (No Underdrain)	2,429
106783	West Hollywood	N Formosa Ave	Bioretention (No Underdrain)	1,767
106783	West Hollywood	N Fuller Ave	Bioretention (No Underdrain)	1,768
106783	West Hollywood	N Gardner St	Bioretention (No Underdrain)	2,372
106783	West Hollywood	N Genesee Ave	Bioretention (No Underdrain)	2,416
106783	West Hollywood	N Hayworth Ave	Bioretention (No Underdrain)	2,236
106783	West Hollywood	N la Brea Ave	Bioretention (No Underdrain)	1,749
106783	West Hollywood	N Laurel Ave	Bioretention (No Underdrain)	10
106783	West Hollywood	N Martel Ave	Bioretention (No Underdrain)	568
106783	West Hollywood	N Ogden Dr	Bioretention (No Underdrain)	2,417
106783	West Hollywood	N Orange Grove Ave	Bioretention (No Underdrain)	2,413
106783	West Hollywood	N Poinsettia Dr	Bioretention (No Underdrain)	841
106783	West Hollywood	N Poinsettia Pl	Bioretention (No Underdrain)	2,654
106783	West Hollywood	N Sierra Bonita Ave	Bioretention (No Underdrain)	1,222
106783	West Hollywood	N Spaulding Ave	Bioretention (No Underdrain)	2,419
106783	West Hollywood	N Stanley Ave	Bioretention (No Underdrain)	1,218
106783	West Hollywood	N Vista St	Bioretention (No Underdrain)	1,789

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
106783	West Hollywood	Norton Ave	Bioretention (No Underdrain)	1,685
106783	West Hollywood	Poinsettia Dr	Bioretention (No Underdrain)	986
106783	West Hollywood	Poinsettia Pl	Bioretention (No Underdrain)	27
106783	West Hollywood	Romaine St	Bioretention (No Underdrain)	4,427
106783	West Hollywood	Sierra Bonita Ave	Bioretention (No Underdrain)	1,192
106783	West Hollywood	W Romaine St	Bioretention (No Underdrain)	318
106783	West Hollywood	(unknown)	Bioretention (No Underdrain)	741
106783	West Hollywood	Clinton St	Bioretention (No Underdrain)	666
106783	West Hollywood	de Longpre Ave	Bioretention (No Underdrain)	739
106783	West Hollywood	Fountain Ave	Bioretention (No Underdrain)	2,487
106783	West Hollywood	Havenhurst Dr	Bioretention (No Underdrain)	3,374
106783	West Hollywood	N Crescent Heights Blvd	Bioretention (No Underdrain)	2,453
106783	West Hollywood	N Edinburgh Ave	Bioretention (No Underdrain)	546
106783	West Hollywood	N Flores St	Bioretention (No Underdrain)	2,344
106783	West Hollywood	N Harper Ave	Bioretention (No Underdrain)	3,215
106783	West Hollywood	N Havenhurst Dr	Bioretention (No Underdrain)	950
106783	West Hollywood	N Hayworth Ave	Bioretention (No Underdrain)	1,139
106783	West Hollywood	N Kilkea Dr	Bioretention (No Underdrain)	0
106783	West Hollywood	N Kings Rd	Bioretention (No Underdrain)	2,923
106783	West Hollywood	N la Jolla Ave	Bioretention (No Underdrain)	1,196
106783	West Hollywood	N Laurel Ave	Bioretention (No Underdrain)	2,718
106783	West Hollywood	N Sweetzer Ave	Bioretention (No Underdrain)	3,863
106783	West Hollywood	Norton Ave	Bioretention (No Underdrain)	2,389
106783	West Hollywood	Romaine St	Bioretention (No Underdrain)	1,364
106783	West Hollywood	W Fountain Ave	Bioretention (No Underdrain)	1,603
106783	West Hollywood	W Norton Ave	Bioretention (No Underdrain)	1,235
106783	West Hollywood	Willoughby Ave	Bioretention (No Underdrain)	1,056
106783	West Hollywood	(unknown)	Bioretention (No Underdrain)	7,712
106783	West Hollywood	Ashcroft Ave	Bioretention (No Underdrain)	2,598
106783	West Hollywood	Betty Way	Bioretention (No Underdrain)	319
106783	West Hollywood	Beverly Blvd	Bioretention (No Underdrain)	3,111
106783	West Hollywood	Beverly Pl	Bioretention (No Underdrain)	83
106783	West Hollywood	Bonner Dr	Bioretention (No Underdrain)	797
106783	West Hollywood	Carol Dr	Bioretention (No Underdrain)	447
106783	West Hollywood	Civic Center Dr	Bioretention (No Underdrain)	7
106783	West Hollywood	Cory Ave	Bioretention (No Underdrain)	206
106983	West Hollywood	Cynthia	Bioretention (No Underdrain)	321
108083	West Hollywood	Cynthia St	Bioretention (No Underdrain)	1,770
108083	West Hollywood	Dicks St	Bioretention (No Underdrain)	1,135
108083	West Hollywood	Doheny Rd	Bioretention (No Underdrain)	238
108083	West Hollywood	Dorrington Ave	Bioretention (No Underdrain)	2,357
108083	West Hollywood	el Tovar Pl	Bioretention (No Underdrain)	155
108083	West Hollywood	Elevado Ave	Bioretention (No Underdrain)	1
108083	West Hollywood	Elevado St	Bioretention (No Underdrain)	743
108083	West Hollywood	Hammond St	Bioretention (No Underdrain)	1,199
108083	West Hollywood	Hancock Ave	Bioretention (No Underdrain)	728
108083	West Hollywood	Harland Ave	Bioretention (No Underdrain)	362
108083	West Hollywood	Harratt St	Bioretention (No Underdrain)	342
108183	West Hollywood	Hilldale Ave	Bioretention (No Underdrain)	1,647
108883	West Hollywood	Holloway Dr	Bioretention (No Underdrain)	940
117583	West Hollywood	Holloway Plaza Dr	Bioretention (No Underdrain)	29
117583	West Hollywood	Horn Ave	Bioretention (No Underdrain)	120
117583	West Hollywood	Huntley Dr	Bioretention (No Underdrain)	3,937
117583	West Hollywood	Keith Ave	Bioretention (No Underdrain)	1,591
117583	West Hollywood	la Collina Dr	Bioretention (No Underdrain)	33

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
117583	West Hollywood	Larrabee St	Bioretention (No Underdrain)	1,096
117583	West Hollywood	Live Oak Wash	Bioretention (No Underdrain)	295
117583	West Hollywood	Lloyd Pl	Bioretention (No Underdrain)	1,219
117583	West Hollywood	Melrose Ave	Bioretention (No Underdrain)	3,942
117583	West Hollywood	N Almont Dr	Bioretention (No Underdrain)	2,028
108887	West Hollywood	N Clark Dr	Bioretention (No Underdrain)	258
108887	West Hollywood	N Doheny Dr	Bioretention (No Underdrain)	4,535
108887	West Hollywood	N George Burns Rd	Bioretention (No Underdrain)	162
108887	West Hollywood	N Hammond St	Bioretention (No Underdrain)	992
108887	West Hollywood	N Hancock Ave	Bioretention (No Underdrain)	595
108887	West Hollywood	N Hancock Dr	Bioretention (No Underdrain)	133
108887	West Hollywood	N Hilldale Ave	Bioretention (No Underdrain)	896
108887	West Hollywood	N Hilldale St	Bioretention (No Underdrain)	218
108887	West Hollywood	N la Collina Dr	Bioretention (No Underdrain)	33
108887	West Hollywood	N la Peer Dr	Bioretention (No Underdrain)	1,111
108887	West Hollywood	N Larrabee St	Bioretention (No Underdrain)	770
108887	West Hollywood	N Oakhurst Dr	Bioretention (No Underdrain)	2
108887	West Hollywood	N Palm Ave	Bioretention (No Underdrain)	616
108887	West Hollywood	N Ramage St	Bioretention (No Underdrain)	42
108887	West Hollywood	N Robertson Blvd	Bioretention (No Underdrain)	2,954
108887	West Hollywood	N San Vicente Blvd	Bioretention (No Underdrain)	4,682
108887	West Hollywood	N Sherbourne Dr	Bioretention (No Underdrain)	1,123
108887	West Hollywood	N Sierra Alta Way	Bioretention (No Underdrain)	161
108887	West Hollywood	N Swall Dr	Bioretention (No Underdrain)	256
108887	West Hollywood	N Westmount Dr	Bioretention (No Underdrain)	67
108887	West Hollywood	N Wetherly Dr	Bioretention (No Underdrain)	649
108887	West Hollywood	N Willey Ln	Bioretention (No Underdrain)	380
108887	West Hollywood	Nellas St	Bioretention (No Underdrain)	24
108887	West Hollywood	Nemo St	Bioretention (No Underdrain)	321
108887	West Hollywood	Norma Pl	Bioretention (No Underdrain)	1,270
108887	West Hollywood	Norwich Dr	Bioretention (No Underdrain)	1,063
108887	West Hollywood	Palm Ave	Bioretention (No Underdrain)	877
108887	West Hollywood	Park Ave	Bioretention (No Underdrain)	266
108887	West Hollywood	Phyllis Ave	Bioretention (No Underdrain)	454
108887	West Hollywood	Ramage St	Bioretention (No Underdrain)	89
108887	West Hollywood	Rangely Ave	Bioretention (No Underdrain)	2,183
109087	West Hollywood	Rosewood Ave	Bioretention (No Underdrain)	3,075
109087	West Hollywood	Rugby Dr	Bioretention (No Underdrain)	756
109087	West Hollywood	S San Vicente Blvd	Bioretention (No Underdrain)	89
109087	West Hollywood	Santa Monica Blvd	Bioretention (No Underdrain)	1,999
109087	West Hollywood	Sherbourne Dr	Bioretention (No Underdrain)	10
109087	West Hollywood	Sherwood Dr	Bioretention (No Underdrain)	1,100
109087	West Hollywood	Shoreham Dr	Bioretention (No Underdrain)	89
109087	West Hollywood	Sierra Alta Way	Bioretention (No Underdrain)	161
109087	West Hollywood	Sunset Plaza Dr	Bioretention (No Underdrain)	26
109087	West Hollywood	Vista Grande St	Bioretention (No Underdrain)	959
109087	West Hollywood	W Cynthia St	Bioretention (No Underdrain)	1,767
109087	West Hollywood	W Dicks St	Bioretention (No Underdrain)	630
109087	West Hollywood	W Elevado Ave	Bioretention (No Underdrain)	743
109087	West Hollywood	W Harratt St	Bioretention (No Underdrain)	252
109087	West Hollywood	W Holloway Dr	Bioretention (No Underdrain)	540
109087	West Hollywood	W Keith Ave	Bioretention (No Underdrain)	1,591
109087	West Hollywood	W Knoll Dr	Bioretention (No Underdrain)	2,695
109087	West Hollywood	W Lloyd Pl	Bioretention (No Underdrain)	1,219
109087	West Hollywood	W Norma Pl	Bioretention (No Underdrain)	1,270

Sub-watershed	Jurisdiction	Street Name	Drainage Configuration	Centerline Length (ft)
109087	West Hollywood	W Shoreham Dr	Bioretention (No Underdrain)	89
109087	West Hollywood	W Vista Grande St	Bioretention (No Underdrain)	959
109187	West Hollywood	Westbourne Dr	Bioretention (No Underdrain)	2,476
109187	West Hollywood	Westmount Dr	Bioretention (No Underdrain)	2,278
109187	West Hollywood	Wetherly Dr	Bioretention (No Underdrain)	396
109187	West Hollywood	Willey Ln	Bioretention (No Underdrain)	380
109187	West Hollywood	(unknown)	Bioretention (No Underdrain)	2,441
109187	West Hollywood	Alta Loma Rd	Bioretention (No Underdrain)	284
109187	West Hollywood	Beverly Blvd	Bioretention (No Underdrain)	13
109187	West Hollywood	Beverly Pl	Bioretention (No Underdrain)	14
109187	West Hollywood	Clinton St	Bioretention (No Underdrain)	1,093
109187	West Hollywood	de Longpre Ave	Bioretention (No Underdrain)	4
109187	West Hollywood	Fountain Ave	Bioretention (No Underdrain)	211
109187	West Hollywood	Hacienda Pl	Bioretention (No Underdrain)	370
109187	West Hollywood	Holloway Dr	Bioretention (No Underdrain)	1,013
109187	West Hollywood	Holloway Plaza Dr	Bioretention (No Underdrain)	2
109187	West Hollywood	Melrose Ave	Bioretention (No Underdrain)	847
109187	West Hollywood	N Alfred St	Bioretention (No Underdrain)	937
109187	West Hollywood	N Croft Ave	Bioretention (No Underdrain)	1,156
109187	West Hollywood	N Hacienda Pl	Bioretention (No Underdrain)	370
109187	West Hollywood	N Kings Rd	Bioretention (No Underdrain)	817
109187	West Hollywood	N la Cienega Blvd	Bioretention (No Underdrain)	1,743
109187	West Hollywood	N Olive Dr	Bioretention (No Underdrain)	607
109187	West Hollywood	N Orlando Ave	Bioretention (No Underdrain)	1,118
109187	West Hollywood	N Westmount Dr	Bioretention (No Underdrain)	115
109187	West Hollywood	Olive Dr	Bioretention (No Underdrain)	607
109187	West Hollywood	Rangely St	Bioretention (No Underdrain)	663
109187	West Hollywood	Romaine St	Bioretention (No Underdrain)	135
109187	West Hollywood	Rosewood Ave	Bioretention (No Underdrain)	792
109187	West Hollywood	Santa Monica Blvd	Bioretention (No Underdrain)	152
109187	West Hollywood	W Clinton Ave	Bioretention (No Underdrain)	323
109187	West Hollywood	W Fountain Ave	Bioretention (No Underdrain)	110
109187	West Hollywood	W Holloway Dr	Bioretention (No Underdrain)	300
109187	West Hollywood	W Knoll Dr	Bioretention (No Underdrain)	571
109187	West Hollywood	W Knoll Dr N	Bioretention (No Underdrain)	433
109187	West Hollywood	Westbourne Dr	Bioretention (No Underdrain)	2,004
109187	West Hollywood	Westmount Dr	Bioretention (No Underdrain)	1,088
109187	West Hollywood	Willoughby Ave	Bioretention (No Underdrain)	141

Appendix 6.F
Detailed List of Existing and Planned Control Measures

The lists below were prepared using the resources discussed in Appendix 6.C, and organized as follows:

- 6.F.1 - Number of BMPs Installed in 2010-2011 Ballona Creek Watershed Management Area
- 6.F.2 - Number of BMPs Installed in 2011-2012 Ballona Creek Watershed Management Area
- 6.F.3 – BMPs Identified in Time Schedule Order Request Letters – Ballona Creek Watershed Management Area
- 6.F.4 – City of Los Angeles BMPs – Ballona Creek Watershed Management Area
- 6.F.5 - Number of BMPs Maintained in 2010-2011 Ballona Creek Watershed Management Area
- 6.F.6 - Number of BMPs Maintained in 2011-2012 Ballona Creek Watershed Management Area

Number of BMPs Installed in 2010-2011 Ballona Creek Watershed Management Area

BMP Type			Beverly Hills	Culver City	Inglewood	City of Los Angeles	County of Los Angeles	Los Angeles County Flood Control District	Santa Monica	West Hollywood	Total
Structural BMPs											
Category	**Subcategory**	**BMPs**									
Regional BMPs	Low Flow Diversions	Low Flow Diversion						6			6
Distributed BMPs	Site-Scale Detention	Detention/Depression Basin		1							1
	Green Infrastructure	Biofilters/Bioswale							6		6
		Bioretention Facility								1	1
		Cistern/Drywell							20		20
		Green Street							1		1
		Geo Block Porous Pavement				5					5
		Infiltration Trenches				13					13
		Infiltration Pit							59		59
	Flow-through Treatment BMPs	Downspout Filters							2		2
		Flow through Planter		1							1
		StormFilter							1		1
	Source Control Structural BMPs	Bird Deterrent Spikes						2			2
		CDS Gross Pollutant Separators				3					3

BMP Type			Beverly Hills	Culver City	Inglewood	City of Los Angeles	County of Los Angeles	Los Angeles County Flood Control District	Santa Monica	West Hollywood	Total
		Fossil Filter Catch Basin Inserts		2		22			1	5	30
		Stormceptor Gross Pollutant Separators				1					1
		Storm Drain Trash Grate						21			21

Number of BMPs Installed in 2011-2012 - Ballona Creek Watershed Management Area

BMP Type			Beverly Hills	Culver City	Inglewood	City of Los Angeles	County of Los Angeles	Santa Monica	West Hollywood	Total
Structural BMPs										
Category	**Subcategory**	**BMPs**								
Distributed BMPs	**Site-Scale Detention**	Retention Basin		4						**4**
	Green Infrastructure	Biofiltration/Biofilters/Bioswale						6	13	**19**
		Bioretention Facility				219				**219**
		Cistern/Rain Barrels				7		69		**76**
		Earth Dikes/Drainage Swales					4			**4**
		Filterra				8				**8**
		Green Roof				3				**3**
		Geo Block Porous Pavement				8				**8**
		Infiltration Pit						45		**45**
		Infiltration Trenches				40	1		3	**44**
		Permeable/Pervious Pavement						5		**5**
		StormTech Chamber System				1				**1**
		Vegetated Swale				1				**1**
	Flow-through Treatment BMPs	Flow through Planter		1						**1**
	Source Control Structural BMPs	Catch Basin Insert (various)				1638		2		**1640**

BMP Type			Beverly Hills	Culver City	Inglewood	City of Los Angeles	County of Los Angeles	Santa Monica	West Hollywood	Total
		CDS Gross Pollutant Separators				2				**2**
		Clarifier		2						**2**
		Clean Screen Catch Basin Inserts	7							**7**
		Concrete Washout Containers					2			**2**
		Covered Trash Bins	18							**18**
		Downspout Inserts						2		**2**
		Enhanced Street Sweeping					1			**1**
		Extra Trash Cans	16							**16**
		Fiber Rolls					1000			**1000**
		Floating Trash Booms					1			**1**
		Fossil Filter Catch Basin Inserts		5		89	1		15	**110**
		Hydrodynamic Separation System							1	**1**
		Pet Waste Station							1	**1**
		Poured Concrete Catch Basin					1			**1**
		Sand Bags					862			**862**
		Signage and Stenciling							29	**29**
		Silt Screens/Fence					2			**2**
		Slope Vegetation				15				**15**

BMP Type			Beverly Hills	Culver City	Inglewood	City of Los Angeles	County of Los Angeles	Santa Monica	West Hollywood	Total
		Stabilized Construction Entrance/Exit					8			**8**
		Storm Drain Inlet Protection					3			**3**
		Stormceptor Gross Pollutant Separators	2			1				**3**
Institutional BMPs										
		Concrete Waste Management					4			**4**
		Solid Waste Management					2			**2**
		Spill Prevention and Control					2			**2**
		Stockpile Management					1			**1**
		Water Trucks					1			**1**

BMPs Identified in Time Schedule Order Request Letters - Ballona Creek Watershed Management Area

BMP Type			Beverly Hills	Culver City	Inglewood	City of Los Angeles	County of Los Angeles	LACFCD	Santa Monica	West Hollywood	Total
Structural BMPs											
Category	**Subcategory**	**BMPs**									
Regional BMPs	**Detention**	Detention Facility				2				3	**5**
	Low Flow Diversions	Low Flow Diversion Structure					1				**1**
Distributed BMPs	**Green Infrastructure**	Biotreatment Filter								1	**1**
		Contech Infiltration System								1	**1**
		Cultec Infiltration								1	**1**
		Filterra								9	**9**
		Infiltration Basin								2	**2**
		Infiltration Pit								2	**2**
		Infiltration Planter								7	**7**
		Infiltration Trench								1	**1**
		Infiltration Well								1	**1**
		Modular Wetland								3	**3**
		Rain Barrels		400							**400**
		Rain Gardens		4	1						**5**
		Storm Tank Infiltration System								1	**1**
		Wet Pond								1	**1**
	Flow-through Treatment BMPs	Flow-through Planter								31	**31**
	Source Control Structural BMPs Flow	Automatic Retractable Screen (ARS)		411	89						**500**
		Catch Basin Screens and Filters				18,000				150	**18,150**
		Commercial Trash Bins	182							200	**382**
		Connector Pipe Screens (CPS)		154	205						**359**

		BMP Type	Beverly Hills	Culver City	Inglewood	City of Los Angeles	County of Los Angeles	LACFCD	Santa Monica	West Hollywood	Total
		Extra Trash Bins	62	18							**80**
		Filter Insert								111	**111**
		Full-capture and Partial-capture Devices						318			**318**
		Hydrodynamic Separators				5				3	**8**
		Oil/ Water Separators								2	**2**
		Outfall Screens				1					**1**
		Poured Concrete Catch Basin	423							260	**683**
		Sediment Filter								1	**1**
		Stormceptor								2	**2**
		Surf Gate Catch Basin Automatic Retractable Screen (ARS)	423								**423**
		Trash Netting System				10					**10**
		Vortex								1	**1**
Institutional BMPs											
		Catch Basin Maintenance Program	1	1	1	1				1	**5**
		Fats, Oil and Grease (FOG) Program	1		1						**2**
		Green Building Ordinance								1	**1**
		Illicit Connection/ Illicit Discharge (IC/ID) Enforcement Program	1	1	1					1	**4**
		Industrial Waste Code Compliance Program								1	**1**
		Low Impact Development Ordinance				1	1			1	**3**
		Standard Urban Stormwater Mitigation Plan (SUSMP) Program	1	1	1	1				1	**5**
		Stormwater Educational Outreach Program	1		1	1				1	**4**
		Street Sweeping Program	1	1	1	1	1			1	**6**
		Water Conservation Ordinance	1							1	**2**

City of Los Angeles BMPs - Ballona Creek Watershed Management Area

BMP Type			City of Los Angeles
Structural BMPs			
Category	**Subcategory**	**BMPs**	
Regional BMPs	**Infiltration**	Infiltration System Westside Park Stormwater Greenway Mar Vista Recreation Center Rainwater Capture and Reuse South Los Angeles Wetlands Park	3
	Detention	Detention System Westside Park Stormwater Greenway Mar Vista Recreation Center Rainwater Capture and Reuse South Los Angeles Wetlands Park	3
Distributed BMPs	**Green Infrastructure**	Bio-retention Planters Westside Park Stormwater Greenway Mar Vista Recreation Center Rainwater Capture and Reuse South Los Angeles Wetlands Park	3
		Drought Tolerant Plants Westside Park Stormwater Greenway Mar Vista Recreation Center Rainwater Capture and Reuse	2
		Rain Gardens University Park Neighborhood Rain Gardens	1
		Treatment Wetland South Los Angeles Wetlands Park	1
		Vegetated Swale University Park Neighborhood Rain Gardens	1
Institutional BMPs			

BMP Type			City of Los Angeles
		Stormwater Re-use Westside Park Stormwater Greenway Mar Vista Recreation Center Rainwater Capture and Reuse South Los Angeles Wetlands Park	3

Number of BMPs Maintained in 2010-2011 Ballona Creek Watershed Management Area

BMP Type			Beverly Hills	Culver City	Inglewood	City of Los Angeles	County of Los Angeles	Santa Monica	West Hollywood	Total
Structural BMPs										
Category	**Subcategory**	**BMPs**								
Regional BMPs	**Low Flow Diversions**	Diversion Structure					4			**4**
		Low Flow Diversion					16			**16**
Distributed BMPs	**Site-Scale Detention**	Detention/Infiltration Basin		1						**1**
	Green Infrastructure	Biofilters						52		**52**
		Filterra							1	**1**
		Geo Block Porous Pavement				18				**18**
		Grass Block Porous Pavement						8		**8**
		Grass Pavers Porous Pavement						3		**3**
		Gravel Pave Porous Pavement		2				3		**5**
		Infiltration Pit						899		**899**
		Infiltration Trenches				117	4	31	1	**153**
		Perforated CMP						2		**2**
	Flow-through Treatment BMPs	Downspout Filters/Insert						9		**9**
		Flow-through Planter Box		4						**4**
		HydroCartridge In-Line Filters				7		3		**10**
		StormFilter						9		**9**
	Source Control Structural BMPs	Abtech Drain Insert		4						**4**
		Abtech OARS Oil Skimmer		2						**2**
		Automatic Retractable Screen Catch Basin (ARS)					282			**282**

BMP Type			Beverly Hills	Culver City	Inglewood	City of Los Angeles	County of Los Angeles	Santa Monica	West Hollywood	Total
		Abtech Ultra Urban Catch Basin Insert		8		75	264			**347**
		Bioclean Catch Basin Insert						36		**36**
		Bird Deterrent Spikes					20			**20**
		Catch Basin Debris Excluders/Filters/Screens						245		**245**
		Catch Basin Opening Screen						45		**45**
		CDS Gross Pollutant Separators		2		54	6			**62**
		Clean Screen Catch Basin Inserts					127			**127**
		Connector Pipe Screens Catch Basin (CPS)					348			**348**
		Covered Material Bunkers					4			**4**
		Covered Trash Bins		22			1400			**1422**
		Drain Pac Catch Basin Inserts		1		143		73		**217**
		Extra Trash Cans					24			**24**
		Floguard Catch Basin Insert					4			**4**
		Fossil Filter Catch Basin Inserts		10		909		19	11	**949**
		Recycle Bins					7			**7**
		Restaurant Vent Traps					1			**1**
		Sand Bag					100			**100**
		Stabilized Construction Entrance					1			**1**
		Stormceptor Gross Pollutant Separators				33				**33**
		Storm Drain Grate					24			**24**
Institutional BMPs										
		Dog Parks		1		7	4	2		**14**

BMP Type		Beverly Hills	Culver City	Inglewood	City of Los Angeles	County of Los Angeles	Santa Monica	West Hollywood	Total
	Green Street						1		**1**
	Wash Out Area					1			**1**

Number of BMPs Maintained in 2011-2012 - Ballona Creek Watershed Management Area

BMP Type			Beverly Hills	Culver City	Inglewood	City of Los Angeles	County of Los Angeles	Santa Monica	West Hollywood	Total
Structural BMPs										
Category	**Subcategory**	**BMPs**								
Distributed BMPs	**Site-Scale Detention**	Retention Basin		4						**4**
	Green Infrastructure	Biofilters						58	16	**74**
		Bioretention Facility (planter box)				1163				**1163**
		Cistern/Rain Barrel				16				**16**
		Earth Dikes/ Drainage Swales					4			**4**
		Filterra				36				**36**
		Geo Block Porous Pavement				26				**26**
		Grass Block Porous Pavement						8		**8**
		Grass Pavers Porous Pavement						3		**3**
		Gravel Pave Porous Pavement		2						**2**
		Harvest and Reuse							1	**1**
		Infiltration Pit						944		**944**
		Infiltration Trenches				157	2	31	14	**204**
		Perforated CMP						2		**2**

BMP Type			Beverly Hills	Culver City	Inglewood	City of Los Angeles	County of Los Angeles	Santa Monica	West Hollywood	Total
		Permeable/Porous Pavement						10		**10**
		StormTech Chamber System				3				**3**
		Vegetated Swale/Strip				32			8	**40**
	Flow-through Treatment BMPs	Downspout Filters/Insert						11		**11**
		Flow-through Planter Box		1					2	**3**
		HydroCartridge In-Line Filters				7	7			**14**
		Storm Filter				33		12		**45**
	Source Control Structural BMPs	Abtech OARS Oil Skimmer		2						**2**
		Abtech Smart Sponge				2				**2**
		Abtech Steemer				1				**1**
		Abtech Ultra Urban Catch Basin Insert		8		75	264			**347**
		Automatic Retractable Screen Catch Basin (ARS)					282			**282**
		Bioclean Catch Basin Insert						36		**36**
		Bird Deterrent Spikes					20			**20**
		Catch Basin Insert (various)					37			**37**
		Catch Basin Opening Screen				28796				**28796**
		Catch Basin Insert Screens, Filters, Excluders						247		**247**
		CDS Gross Pollutant Separators		2		56				**58**
		Clarifiers		2						**2**
		Clean Screen Catch Basin Inserts	556				5			**561**
		Concrete Washout Containers					15			**15**

BMP Type			Beverly Hills	Culver City	Inglewood	City of Los Angeles	County of Los Angeles	Santa Monica	West Hollywood	Total
		Connector Pipe Screens Catch Basin (CPS)					348			**348**
		Covered Material Bunkers		22			4			**26**
		Covered Trash Bins	278	1			1400			**1679**
		Drain Pac Catch Basin Inserts				143				**143**
		Extra Trash Cans					24		200	**224**
		Fiber Rolls					1000			**1000**
		Floating Trash Booms					26			**26**
		Fossil Filter Catch Basin Inserts		15		998	78	19	99	**1209**
		Hydrodynamic Separation System							1	**1**
		Pet Waste Stations							81	**81**
		Poured Concrete Catch Basin					1			**1**
		Recycle Bins					7			**7**
		Sand Bag					1001			**1001**
		Signage and Stenciling							82	**82**
		Silt Fence/Screen					44			**44**
		Slope Stabilization					4			**4**
		Slope Vegetation				181				**181**
		Stabilized Construction Entrance					10			**10**
		Stormceptor Gross Pollutant Separators	68			33		2		**103**
		Storm Drain Grate					24			**24**
		Storm Drain Inlet Protection					6			**6**
		Trench Drain with Fossil Filter					6		2	**8**
Institutional BMPs										

BMP Type		Beverly Hills	Culver City	Inglewood	City of Los Angeles	County of Los Angeles	Santa Monica	West Hollywood	Total
	Concrete Waste Management					5			**5**
	Dog Parks		1		7	4	2	1	**15**
	Enclosed Material Mix Truck					1			**1**
	Enhanced Street Sweeping					1			**1**
	Green Roof System				5				**5**
	Green Street						2		**2**
	Sanitary Septic Waste Management					2			**2**
	Solid Waste Management					2			**2**
	Spill Prevention and Control					2			**2**
	Stockpile Management					2			**2**
	Vehicle and Equipment Maintenance					1			**1**
	Water Trucks					1			**1**
	Wind Erosion					1			**1**

Appendix 6.G
Cost Optimization Curves

This appendix presents cost optimization curves for each watershed and jurisdiction, as follows:

Figure 6G-1. BMP capacities: Beverly Hills (Ballona Creek). 3
Figure 6G-2. BMP capacities: Culver City (Ballona Creek). 3
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Figure 6G-9. BMP capacities: Los Angeles (Sepulveda Channel). 7
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Figure 6G-11. BMP capacities: Uninc. LA County (Ballona Creek). 8
Figure 6G-12. BMP capacities: Uninc. LA County (Centinela Creek). 8
Figure 6G-13. BMP capacities: West Hollywood (Ballona Creek). 9

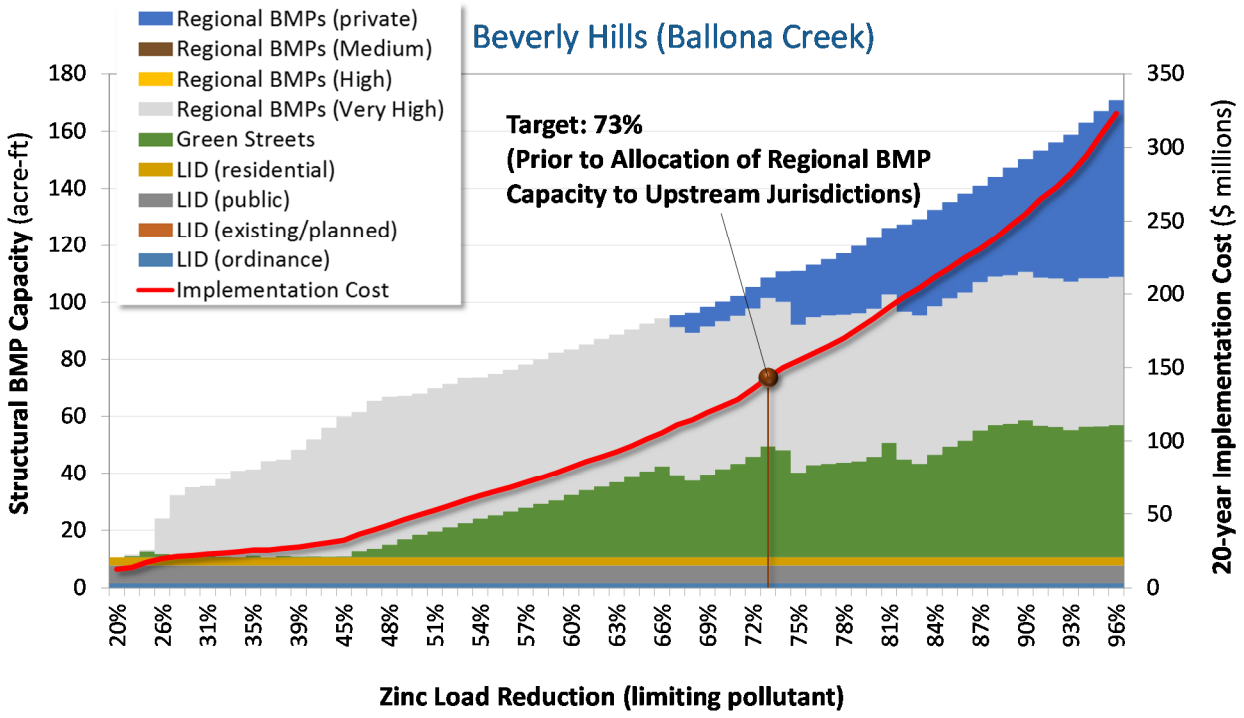


Figure 6G-14. BMP capacities: Beverly Hills (Ballona Creek).

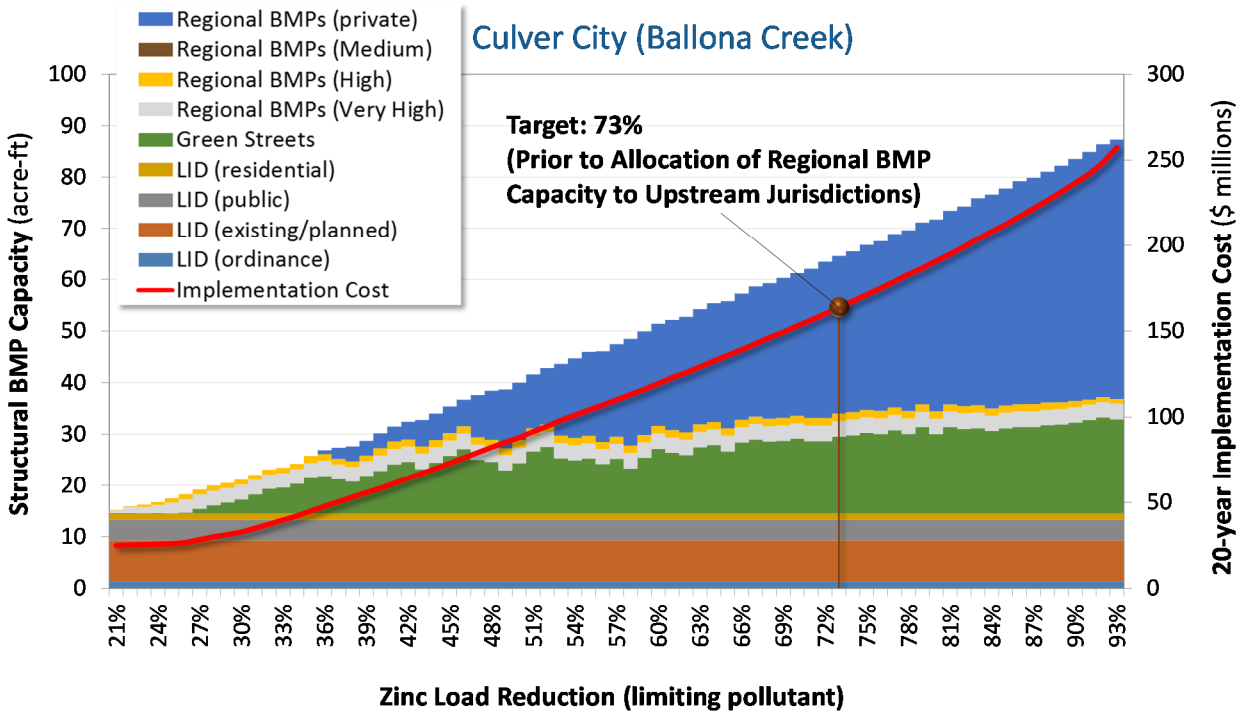


Figure 6G-15. BMP capacities: Culver City (Ballona Creek).

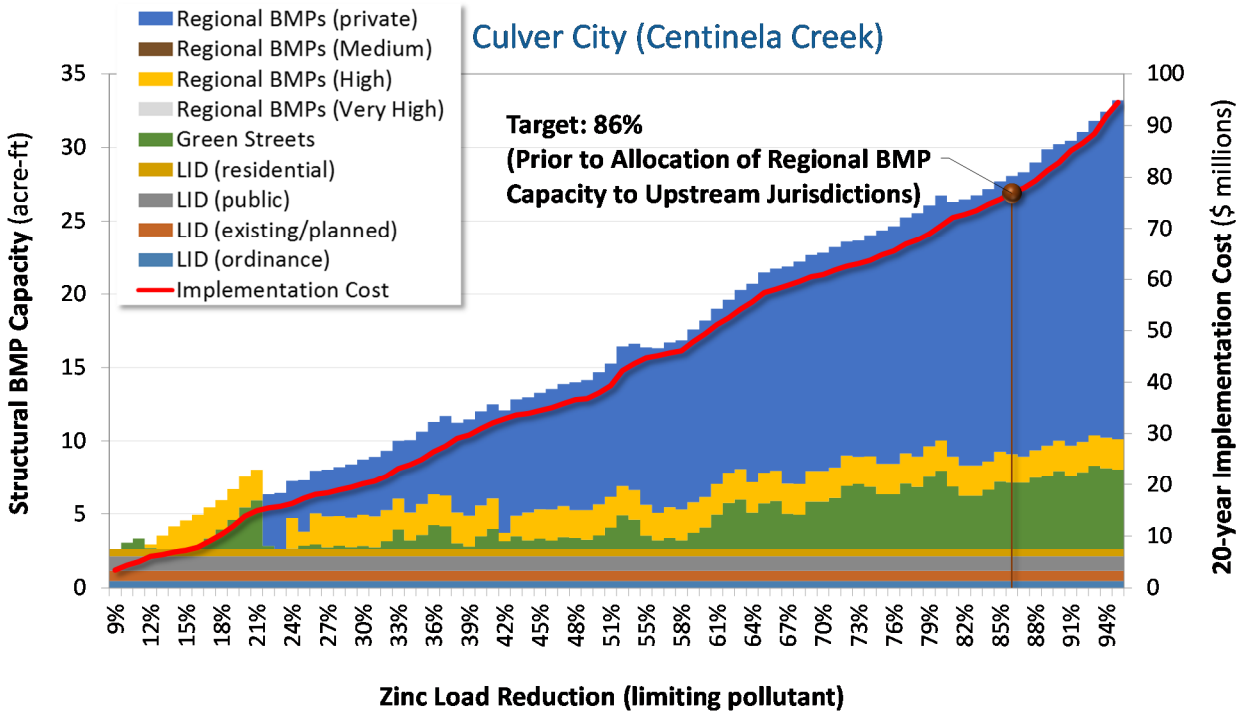


Figure 6G-16. BMP capacities: Culver City (Centinela Creek).

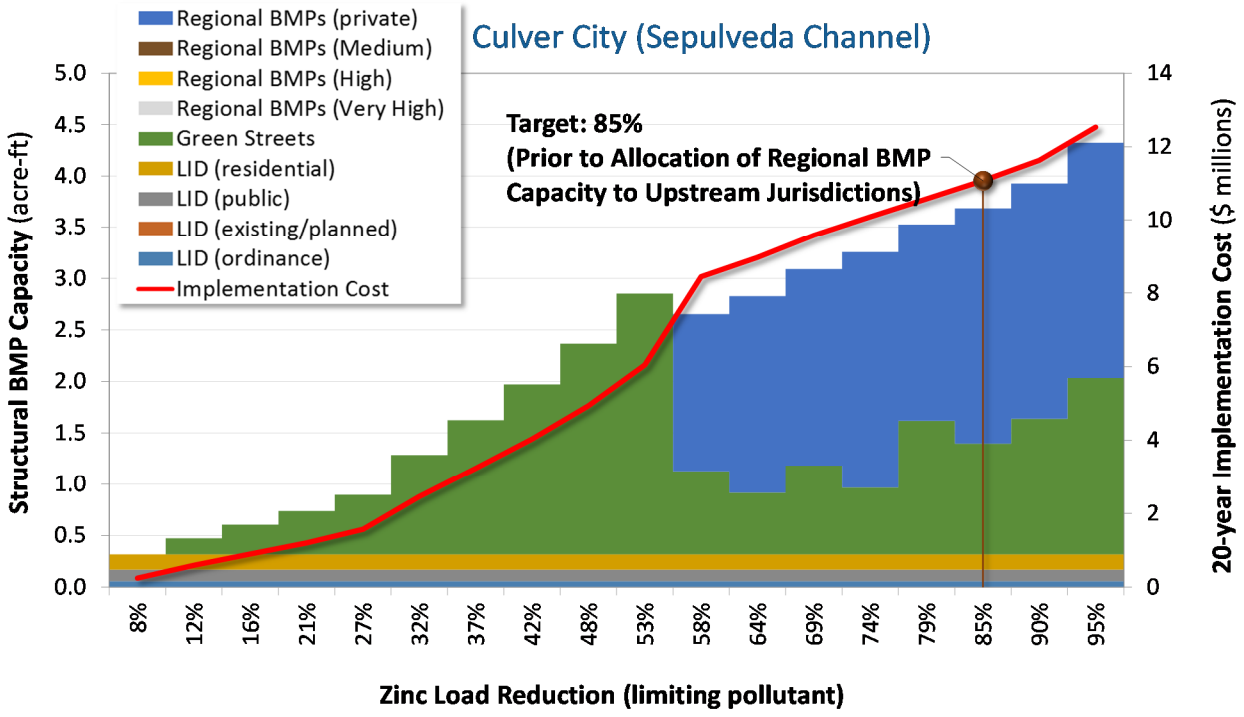


Figure 6G-17. BMP capacities: Culver City (Sepulveda Channel).

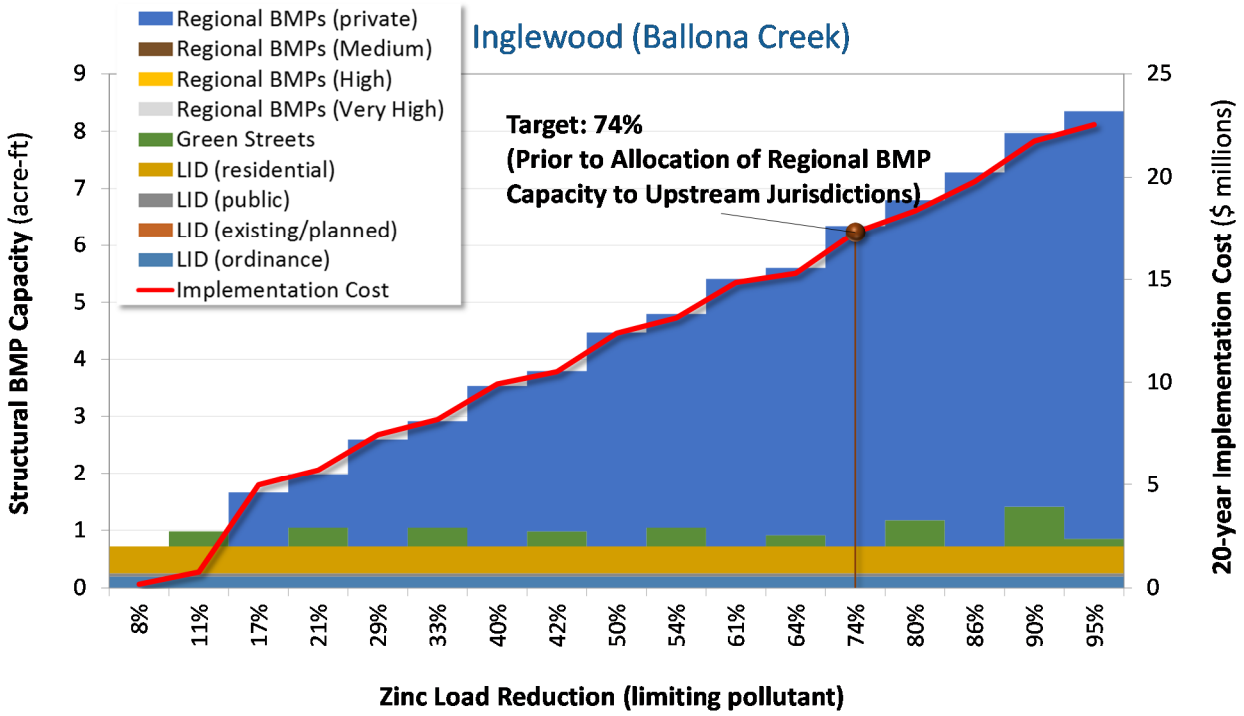


Figure 6G-18. BMP capacities: Inglewood (Ballona Creek).

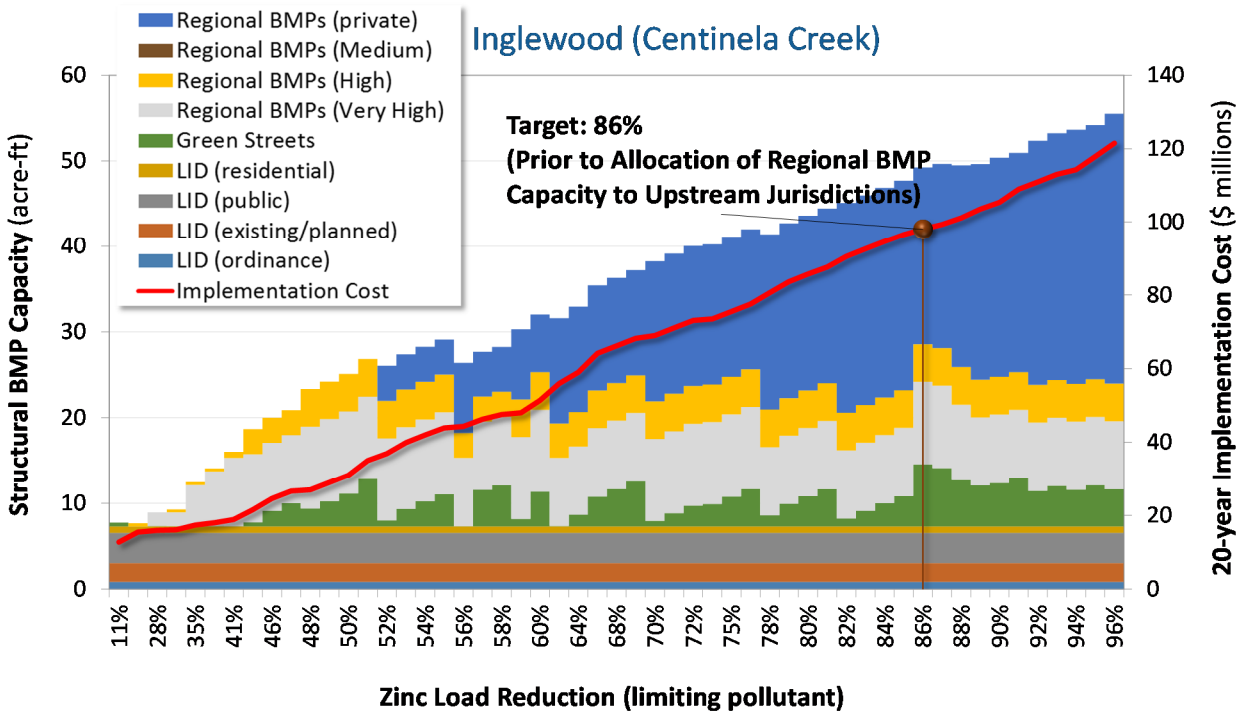


Figure 6G-19. BMP capacities: Inglewood (Centinela Creek).

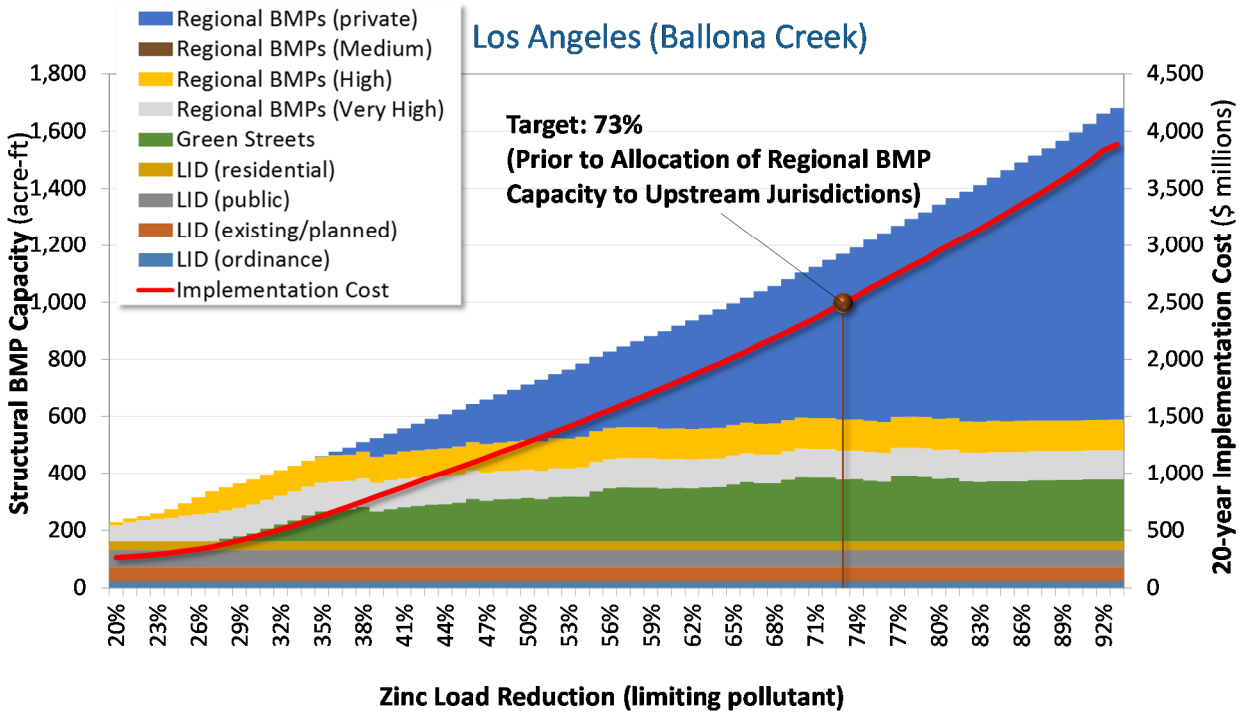


Figure 6G-20. BMP capacities: Los Angeles (Ballona Creek).

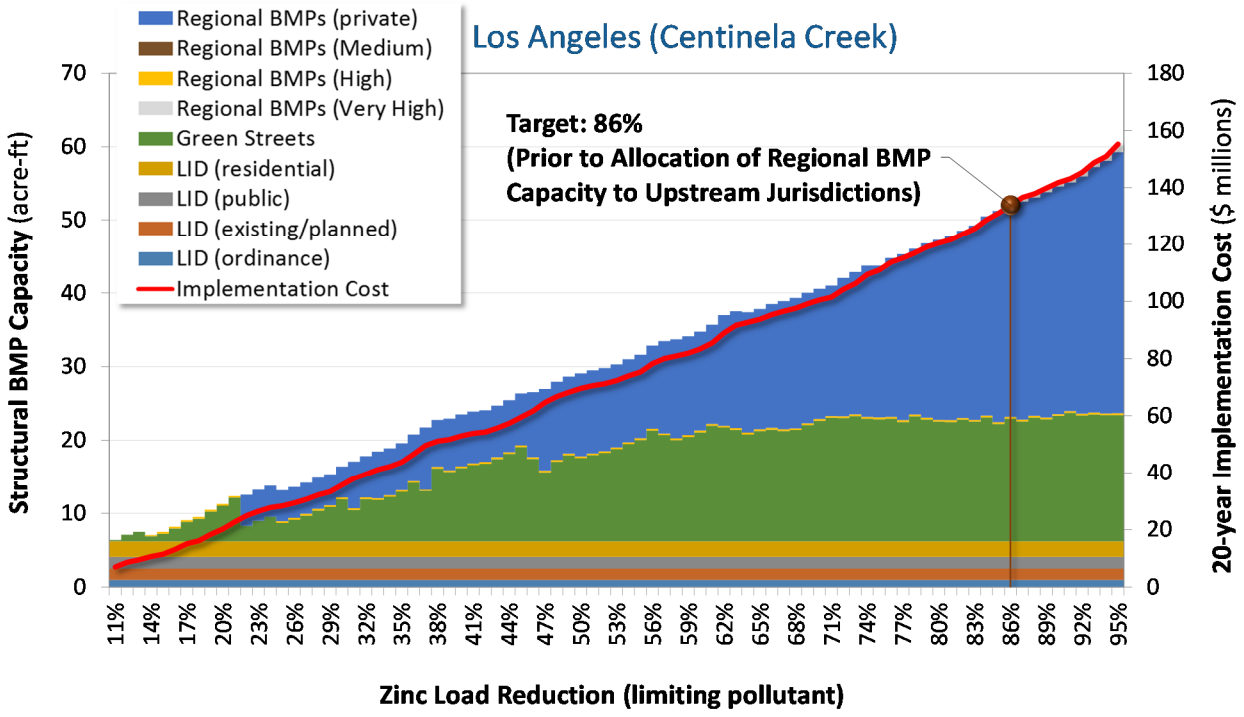


Figure 6G-21. BMP capacities: Los Angeles (Centinela Creek).

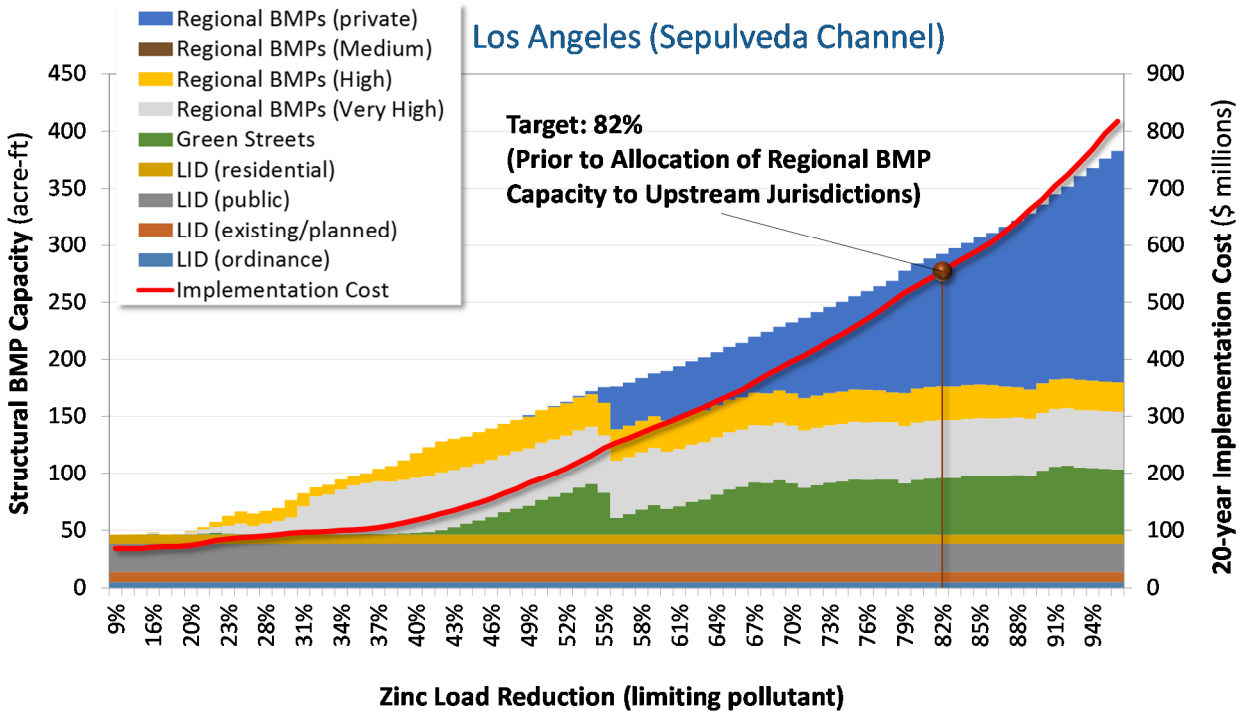


Figure 6G-22. BMP capacities: Los Angeles (Sepulveda Channel).

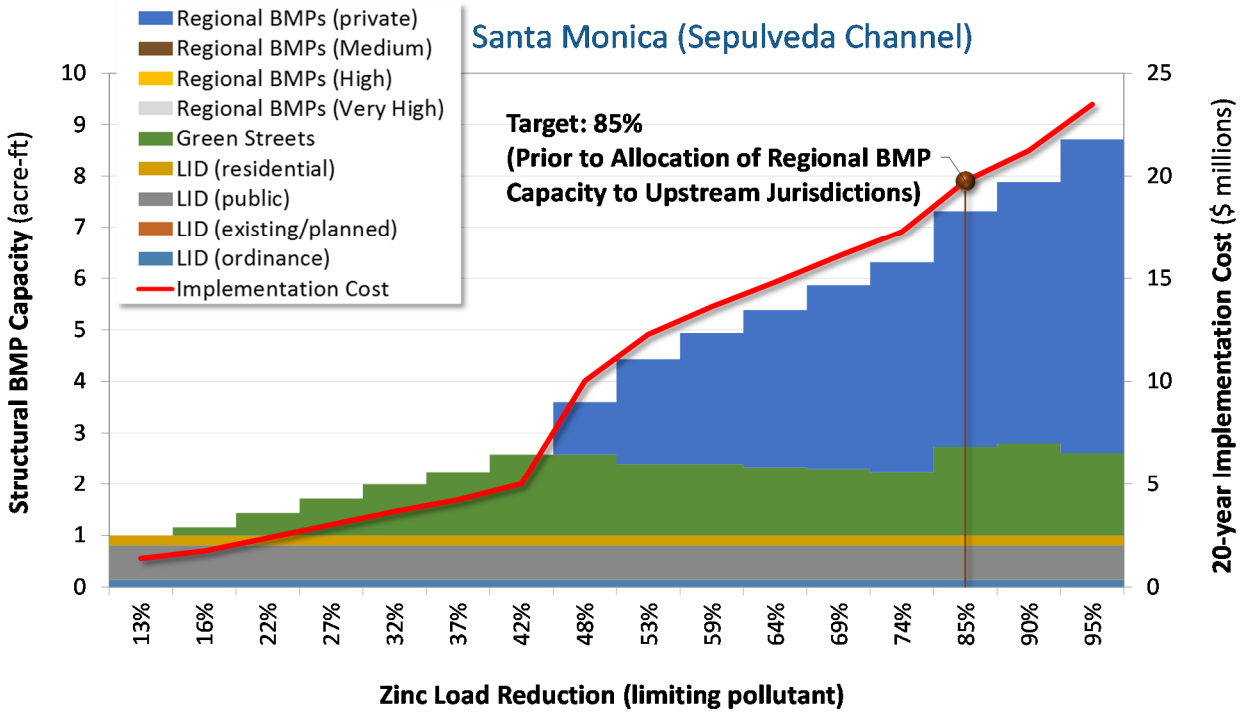


Figure 6G-23. BMP capacities: Santa Monica (Sepulveda Channel).

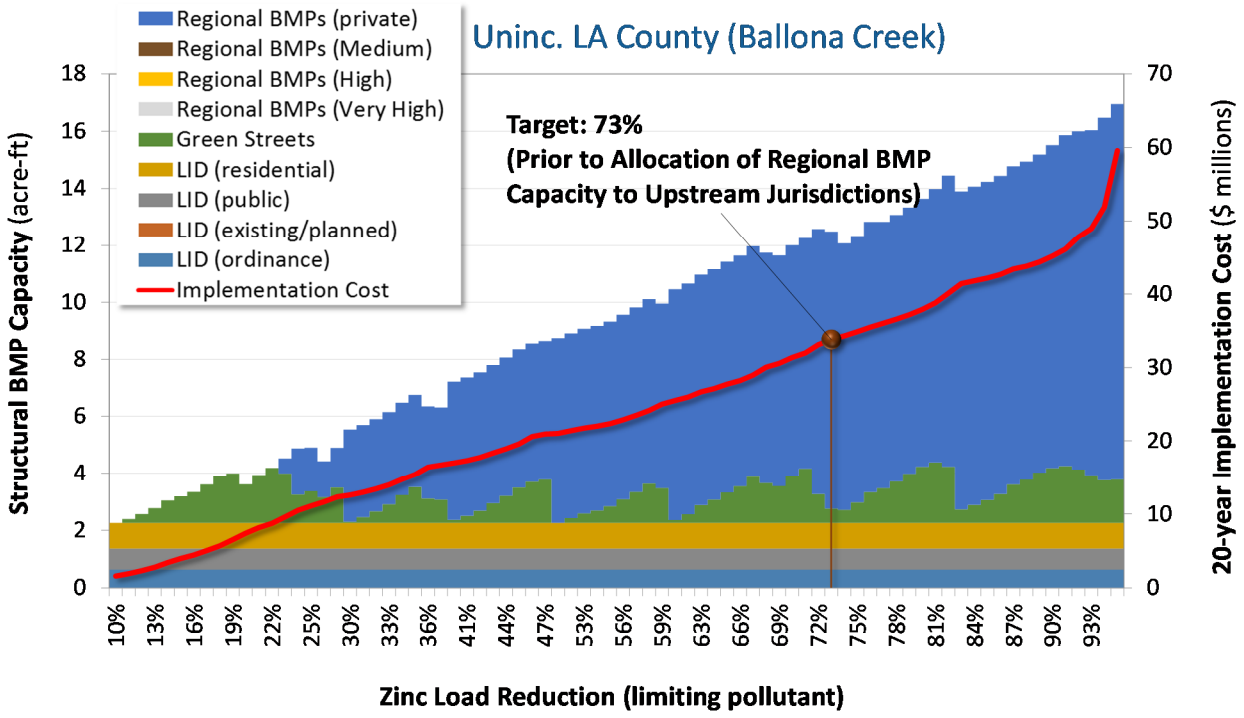


Figure 6G-24. BMP capacities: Uninc. LA County (Ballona Creek).

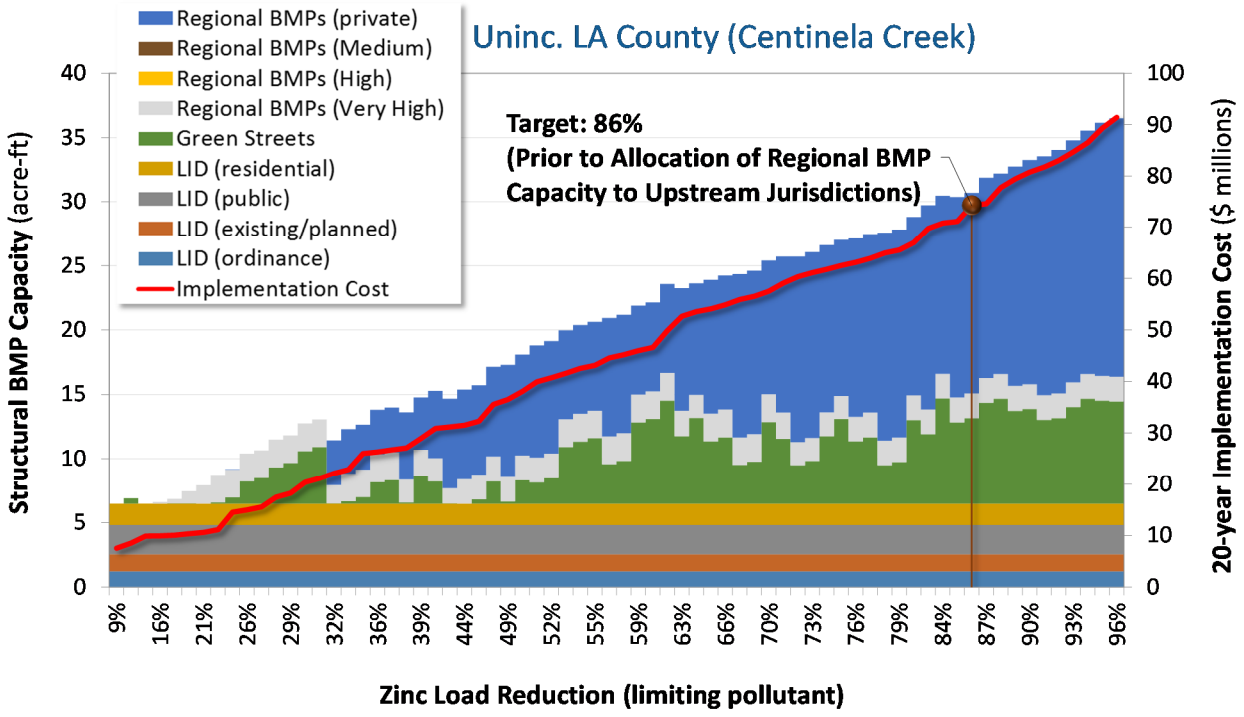


Figure 6G-25. BMP capacities: Uninc. LA County (Centinela Creek).

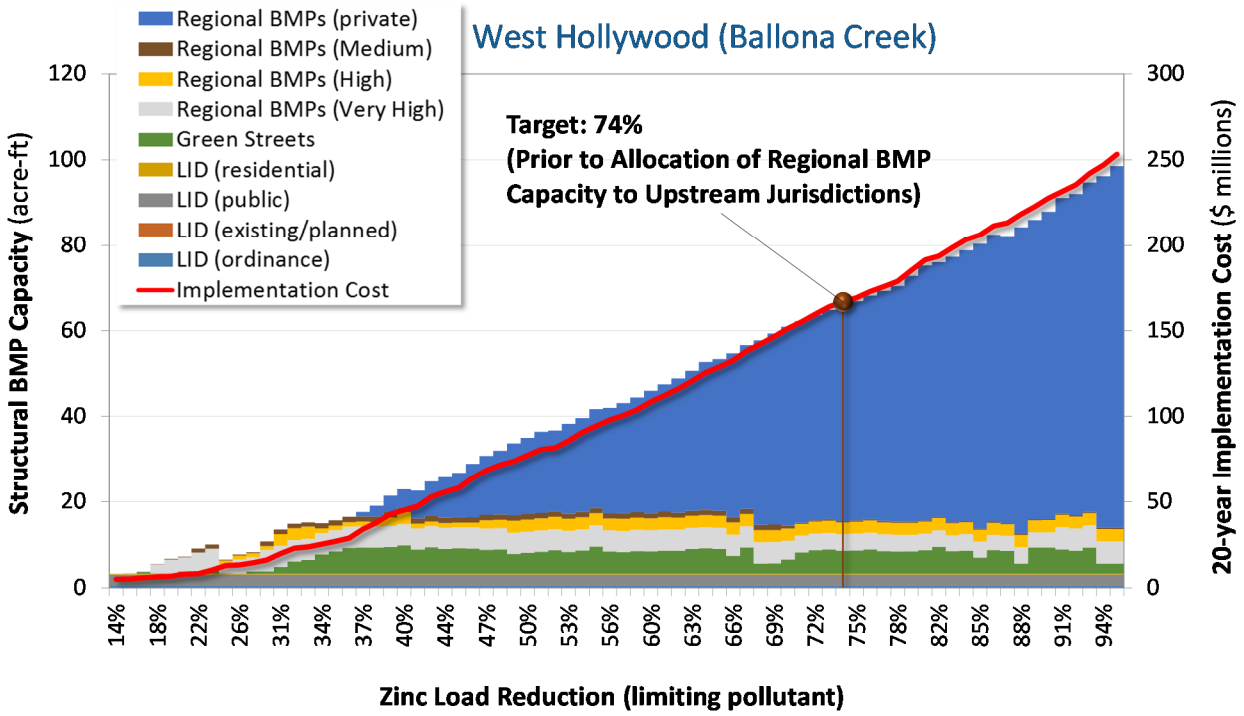


Figure 6G-26 BMP capacities: West Hollywood (Ballona Creek)

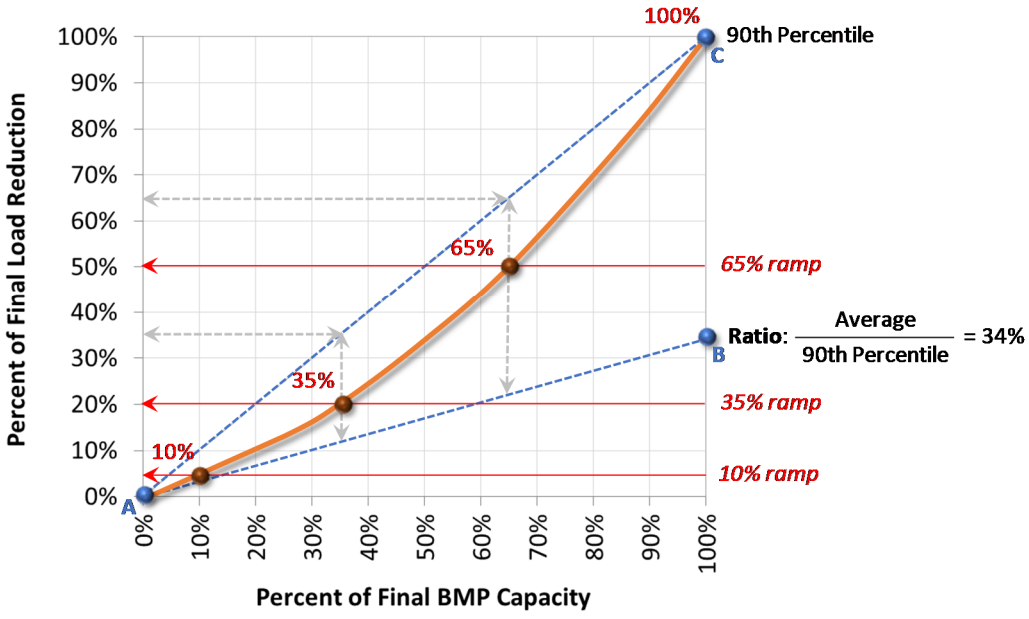
Appendix 6.H
Approach for Gradual Phasing from Average Interim Conditions to Critical Final Conditions

The Regional Board guidance document[18] stipulates that final compliance targets must be derived based on analysis of *critical* TMDL conditions (e.g., 90th percentile daily loading rates as was used for this RAA) while interim compliance may be based on *average* conditions, as follows:

> For interim WQBELs and/or receiving water limitations, the percent reduction based on annual average baseline loading may be used to set targets/goals for BMPs/watershed control measures where such percent reduction based on the annual average baseline loading is consistent with interim requirements as set forth in Part VI.E and Attachments L-R. A gradual phasing of percent load reduction for interim WQBELs/RWLs to final WQBELs/RWLs shall be applied over the course of the implementation schedule.

The milestones analysis for this RAA includes the gradual phasing from interim (average) to final (critical) compliance. A conceptual illustration of the target ramp for this phasing is illustrated below. The percent BMP completion based on the final compliance target (critical conditions) is represented by the top blue line [segment A→C], while percent BMP completion based on the interim target (average conditions) is represented by bottom blue line [segment A→B]. The orange curve represents the "translator" for phasing of the pollutant reduction target from average to critical conditions to match the approach recommended by the RAA Guidelines.

In the example below, the load reduction required to achieve compliance under average conditions is 34% of the capacity need to achieve compliance under critical conditions (see right hand side of figure). For the RAA, 34% is the ratio of average to critical conditions that is used as the basis for phasing from interim to final (this percentage varies for each jurisdiction-assessment area).



[18] Regional Board (Los Angeles Regional Water Quality Control Board). 2014. Guidelines for Conducting Reasonable Assurance Analysis in a Watershed Management Program, Including an Enhanced Watershed Management Program. LARWQCB, Los Angeles, CA.

For presentation of the RAA, the dynamic phasing from average to critical was *embedded* into the milestones trajectory curves by translating the y-axis values (which were originally based on the final reduction target), to percent reductions in terms the required *milestones* reductions (based on average conditions). In other words, the graphs and tables in Appendix D1 and D2 have already been phased such that the "Percent of Total Reduction" is directly reported.

In the section below, an example is presented where the 35% milestone mathematically represents 20% in terms of the final target reduction, the 65% milestone represents 50% in terms of the final target reduction, and the 100% milestone represents 100% of the final reduction target. These relative differences between interim and final % reductions are somewhat typical for the EWMP area.

Details of the Mathematical Approach for Phasing from Average to Critical Conditions

Consider the example average and final trajectories shown in the figure above. Assuming that the ratio of average to final is 34%, the following relationship can be used to calculate the equivalent final load reduction for the 35% and 65% interim milestones as shown in equations 1 and 2 below:

$$35\%\ Milestone = \ 0.35(0.34) + 0.35[0.35 - 0.35(0.34)] = 20\% \quad (1)$$

$$65\%\ Milestone = \ 0.65(0.34) + 0.65[0.65 - 0.65(0.34)] = 50\% \quad (2)$$

The generalized form of this relationship is a quadratic relationship with two constants b and a, representing the ratio of average to final and its corresponding inverse ratio, respectively, as shown in equations 3, 4, and 5:

$$y = \ x(0.34) + x[x - x(0.34)] \quad (3)$$

$$y = \ x(0.34) + x^2(1 - 0.34) \quad (4)$$

$$y = \ ax^2 + bx \quad (5)$$

As shown in equation 6, the expression can be rearranged as a generalized quadratic expression:

$$0 = \ ax^2 + bx + c \quad where\ c = \ -y \quad (6)$$

The quadratic formula, equation 7, is the inverse solution for x from equation 6:

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a} \quad (7)$$

The dynamic target ramp was embedded into the milestones trajectory curves by translating the y-axis values (which were originally based on the final reduction target), to percent reductions in terms the required milestones reductions. As shown in equation 8, the resulting function yields y′, which

translates final reduction targets to interim milestones. As such, the "coefficient of variability" between average and final targets is implicitly reflected in the interim milestones. As BMP capacities approach 0, % reduction are based more on the average target; likewise, and as BMP capacities approach 100%, % reduction values are based on the final target.

$$y' = \frac{-Ratio \pm \sqrt{Ratio^2 + 4(1 - Ratio)y}}{2(1 - Ratio)} \quad (8)$$

Considering the example presented in equations 1 and 2 (where the ratio of average to final was 34%), the 35% milestone mathematically represents 20% of the final target reduction, the 65% milestone represents 50% of the final target reduction, and the 100% milestone represents 100% of the final reduction target. Variability diminishes as the ratio of average to final approaches 1.

Table 6H-1. Beverly Hills, Ballona Creek: RAA Output and EWMP Implementation Plan

Appendix 6.I
Additional RAA Information

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1 Introduction

As a component of the Regional Board's review of the EWMP, additional information from the Reasonable Assurance Analysis (RAA) was requested regarding baseline calculations and predicted BMP performance. In response, this appendix contains additional information and RAA outputs, as follows:

- Section 2: Additional outputs regarding baseline condition and critical condition calculations
- Section 3: Additional outputs regarding predicted end-of-pipe best management practice (BMP) performance
- Section 4: Additional outputs through a regional validation example demonstrating attainment of instream receiving water limits (RWLs) by BMPs

2 Baseline Condition: Additional Outputs

Comment #3 of the Regional Board's Enclosure 2, *Summary of Comments and Necessary Revisions for the RAA* (RAA Comment Enclosure), requested a comparison be provided for the exceedance volume (EV) by subbasin the 90th percentile of pollutant (zinc) load to account for conditions in which flow may be high but concentration may not exceed the RWL. Figure 2-1 presents a comparison of the total zinc load for three 24-hour 90th percentile critical conditions:

1. 90th percentile 24-hour Exceedance Volume
2. 90th percentile modeled daily flow times 90th percentile modeled concentration, and
3. 90th percentile modeled daily load.

The results show that zinc loading during the Exceedance Volume critical condition (#1, above) is higher than the other 90th percentile metrics (#1 and #2) and thus it is a conservative critical condition that is consistent with RAA Guidelines.

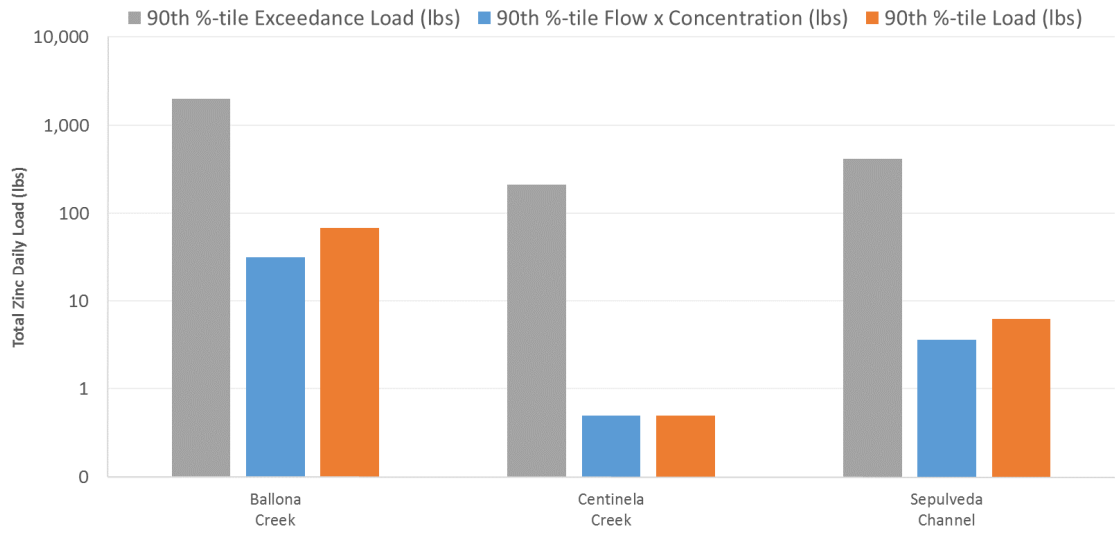

Figure 2-1. Demonstration of exceedance volume approach comparing the 90th percentile condition zinc loads by assessment area.

3 BMP Performance: Additional Outputs

Comment #4 of the RAA Comment Enclosure requested model results be presented for both the baseline condition and the post-EMP (managed) scenario with the proposed BMPs. The model results are summarized below by assessment area, as follows:

- Runoff under baseline and BMP scenarios for the 90th percentile, 16th wettest day bacteria critical condition (
- Table 3-1)
- Runoff and pollutant load under the baseline and BMP scenarios for the 90th percentile total zinc critical condition (Table 3-2)

Table 3-1. Baseline Runoff and BMP Retention for Assessment Areas during Bacteria Critical Condition

Assessment Area	Baseline Runoff during 90th percentile, 16th day (acre-feet)	Runoff with BMPs during 90th percentile, 16th day (acre-feet)
Ballona Creek	748.6	0.0
Centinela Creek	89.1	0.0
Sepulveda Channel	172.8	0.0

Table 3-2. Baseline and BMP Scenario for Runoff and Pollutant Loads during Zinc Critical Condition

Assessment Area	Scenario	Runoff Volume (ac-ft)	*E. coli* (MPN)	Total Lead (lbs)	Total Zinc (lbs)	% Total Zinc Reduction
Ballona Creek	Baseline	3107.7	3.5E+15	630.0	2924.3	72%
	with BMPs	1226.3	1.0E+15	188.0	841.8	
Centinela Creek	Baseline	277.6	3.3E+14	55.9	266.0	85%
	with BMPs	65.7	6.0E+13	8.3	40.3	
Sepulveda Channel	Baseline	609.8	6.4E+14	89.7	415.8	81%
	with BMPs	199.9	1.6E+14	18.3	81.9	

4 Regional Validation Example

Comment #5 of the RAA Comment Enclosure requested a proof/validation/demonstration that managing metals using the recommended EWMP BMPs results in instream attainment of RWLs. It is important to note that volume-and-load-reduction targets are determined at the *beginning* of the Reasonable Assurance Analysis (RAA) process (and through the limiting pollutant analysis), and thus the extra step at the end of the RAA process to show validation results is optional. However, it is understood that a clear validation may be useful for engaging the public and Regional Board during future discussion.

The RAA for the BC EWMP employs a two-tiered optimization approach that manages stormwater runoff from EWMP areas according to critical conditions for associated water bodies (or assessment areas). For metals, the management target becomes the load reduction that achieves receiving water limitations (RWLs) during the critical storm that produces the 90th percentile Exceedance Volume. The following EWMPs used this two-tiered optimization approach for selecting Best Management Practices (BMPs) for their implementation plans:

- Upper Santa Clara River (USCR),
- Upper Los Angeles River (ULAR),
- Ballona Creek (BC),
- Upper San Gabriel River (USGR),
- Malibu Creek (MC), and
- Carson and Lawndale portions of the Dominguez Channel (DC) EWMP

In order to support future public discussions, this section provides an example regional validation for a representative example waterbody within Los Angeles County: Puente Creek, a tributary to San Jose Creek in the San Gabriel River Watershed. This regional validation example is attached to each of the six "selected EWMPs" listed above, and this sections presents several comparisons between the Puente Creek watershed and the selected EWMPs, based on averaged conditions *across all six* of those EWMP areas. The selected EWMP areas summarized in Table 4-1 represent the land use distribution within the 6 EWMP groups mapped in Figure 4-1. The areas in Table 4-1 represent the total MS4 areas for which the two-tiered optimization approach was used. Average rainfall within the selected EWMP areas was calculated by area-weighting 25 years of hourly rainfall from 111 unique rainfall gages from over 1,442 WMMS subwatersheds. Average rainfall for Puente Creek was calculated by area-weighting 25 years of rainfall from 2 rainfall gages over eight WMMS subwatersheds. Area-normalized rainfall depths were then plotted and compared (Figure 4-2 and Figure 4-3).

Puente Creek was selected for this demonstration because:

- Puente Creek has high required zinc reductions, providing a conservative demonstration of modeled BMP performance.
- Puente Creek is a watershed where 100% of the watershed area is contained within the EWMP boundary (Figure 4-1).

- The land use distribution is Puente Creek is generally more urbanized than the land use distribution in the other selected EWMP areas mentioned above (see Table 4-1). Compared to the average distribution in the selected EWMP areas, the Puente Creek watershed has more urban area (93% vs. 55%). The distribution of Commercial, Institutional, Industrial, and Roads is similar; however, Puente Creek has nearly twice as much residential area (expressed as pervious and impervious residential land cover).
- Average rainfall in Puente Creek is very similar to average rainfall throughout the selected EWMP areas. Figure 4-2 shows annual average rainfall distribution for 25 years in Puente Creek watershed vs. selected EWMP areas. Figure 4-3 also confirms that seasonal variability in Puente follows the average seasonal trend in the selected EWMP areas. The percent difference in annual average and median rainfall in Puente Creek vs. selected EWMP areas over 25 years of record is only -1.4% and -3.8%, respectively.
- The RAA for Puente Creek recommended a mix of LID, Green Streets, and Regional BMPs, which collectively treat 78% of the EWMP area.

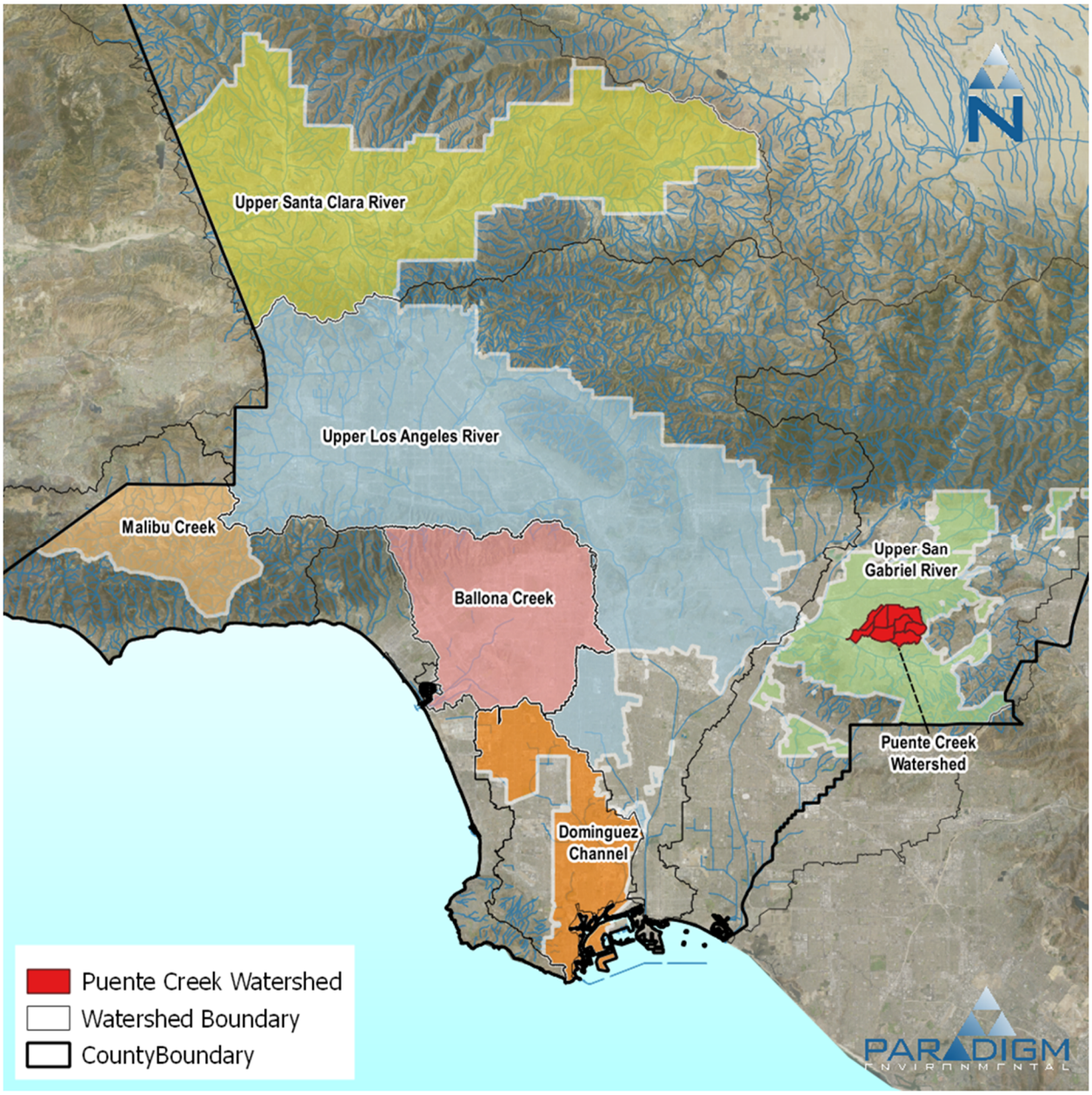

Figure 4-1. Location of Puente Creek watershed within the context of selected Los Angeles County EWMPs.

Table 4-1. Comparison of land use distribution in the Puente Creek EWMP area vs. selected EWMP areas

Land Use		Land Use Distribution[1] by Drainage Area			
		Selected EWMP Areas[2]		Puente Creek Watershed	
		Acres	Percent	Acres	Percent
Impervious	Residential	81,701	10%	1,044	19%
	Commercial	26,250	3%	226	4%
	Institutional	16,163	2%	231	4%
	Industrial	31,467	4%	277	5%
	Roads	60,793	7%	467	9%
Urban Pervious		236,137	29%	2,762	51%
Non-Urban Pervious		363,182	45%	398	7%
Total		**815,692**	**100%**	**5,405**	**100%**

1: Color gradient shows relative land use distribution from least (white) to greatest (red)

2: Selected EWMP areas include: USCR, USGR, ULAR, BC, Malibu, and portions of DC

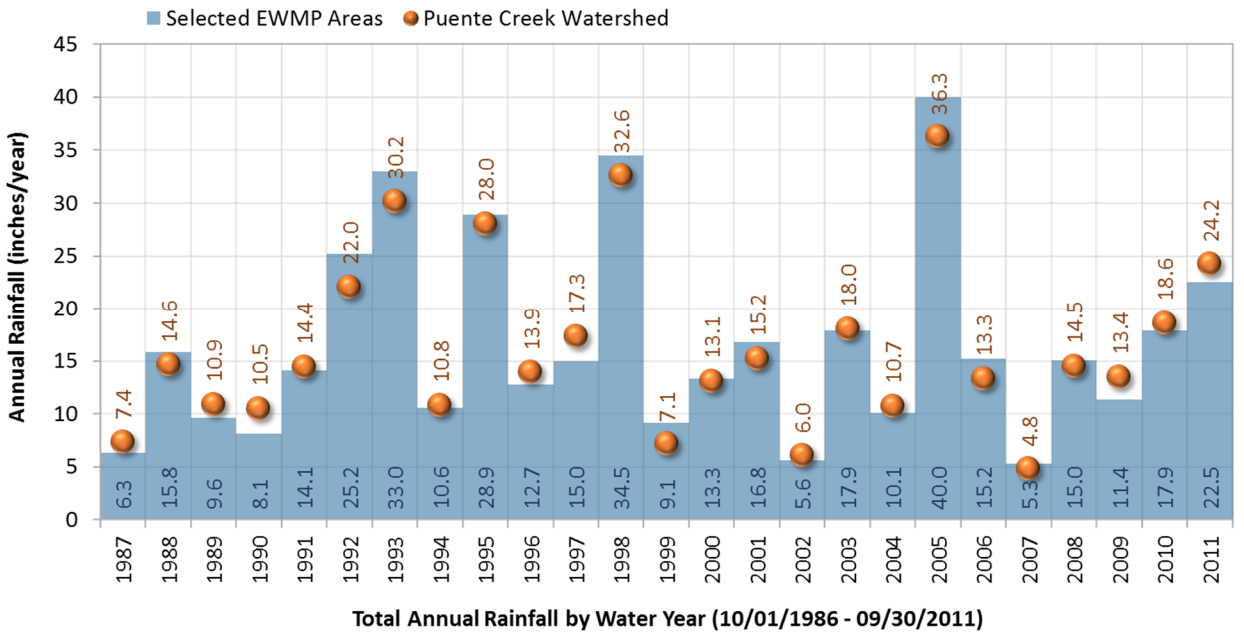

Figure 4-2. Annual rainfall distribution (25 years) in Puente Creek watershed vs. selected EWMP areas.

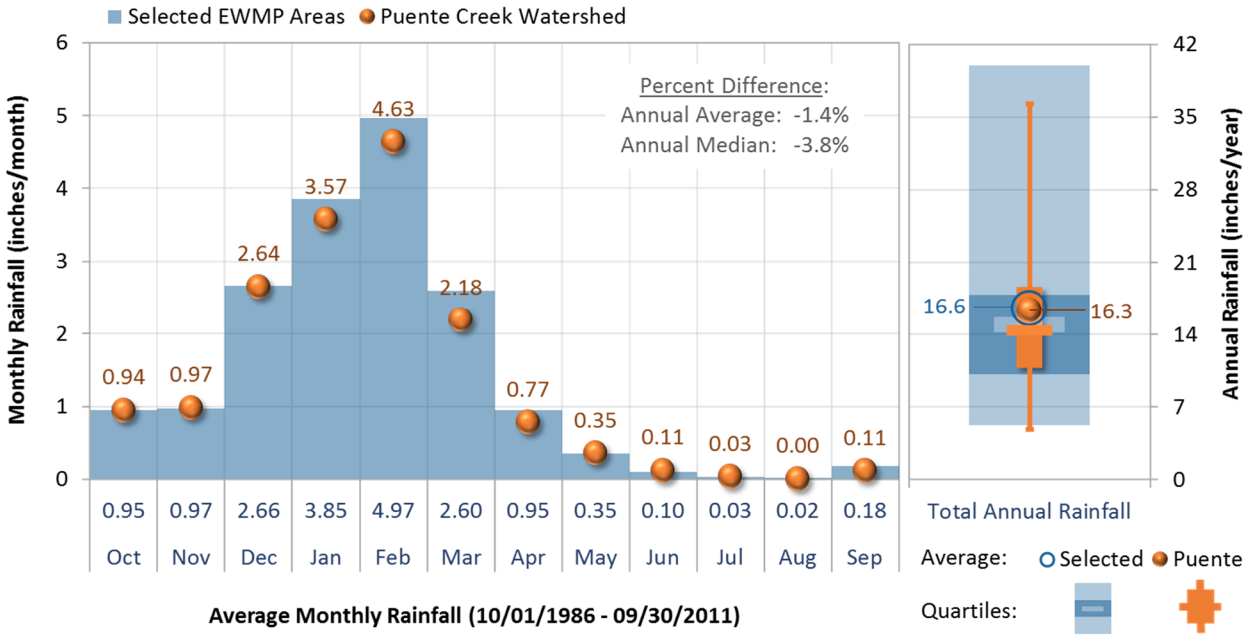

Figure 4-3. Monthly and annual rainfall variability in Puente Creek watershed vs. selected EWMP areas.

4.1 Validation Methodology

RAAs for the selected EWMPs were built on the two primary models within the Watershed Management Modeling System (WMMS) – the Loading Simulation Program in C++ (LSPC), which is used for watershed runoff and streamflow routing, and the System for Urban Stormwater Treatment and Analysis INtegration (SUSTAIN), which is used for BMP selection and placement optimization modeling. As shown in Figure 4-4, to conduct the RAA and complete the validation, the modeling workflow includes (1) simulating watershed rainfall-runoff and pollutant loading; (2) predicting performance of BMPs with fixed assumptions and cost-optimize the cumulative network of BMPs given available BMP opportunities; and (3) validating the selected BMP network to provide reasonable assurance of attainment of RWLs.

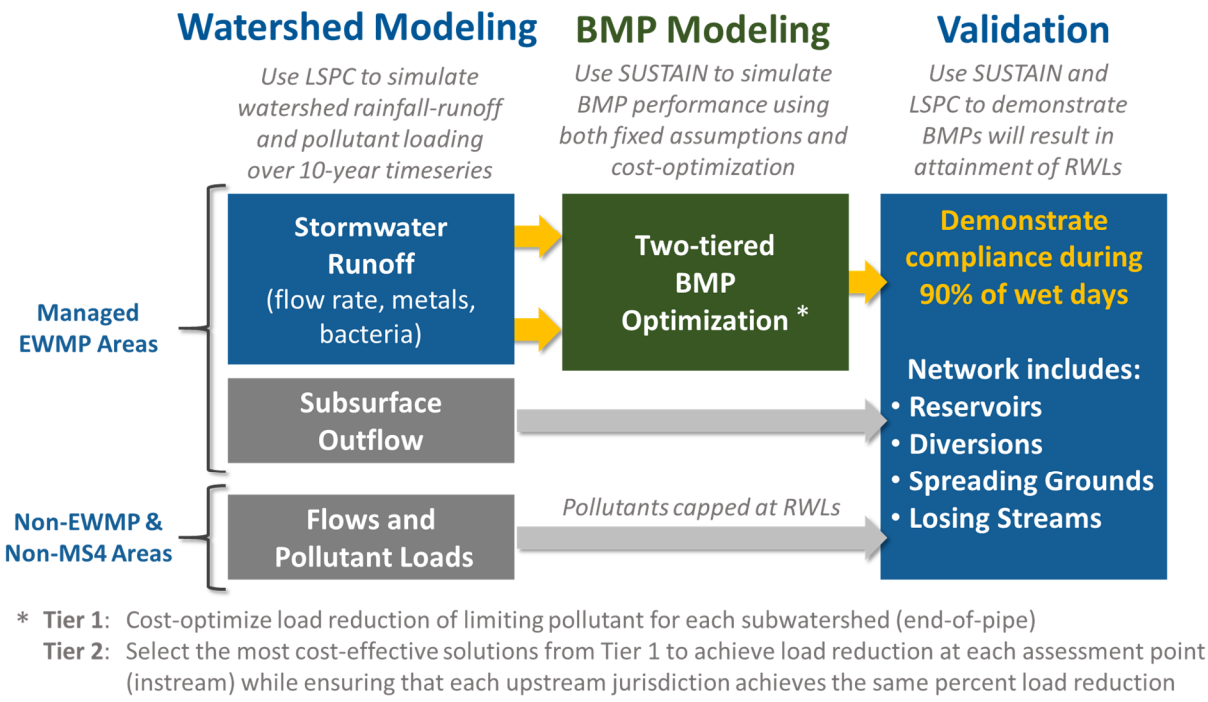

Figure 4-4. Components of the RAA Modeling Process.

4.2 Watershed Model Configuration

The watershed model simulates stormwater runoff and routing/transport for flow and pollutant loads. Subwatershed outflow includes surface and subsurface contributions. Stormwater BMPs manage the surface runoff portion of subwatershed outflow. As described in the RAA sections of the EWMPs, results from 10-years of continuous simulation were used to identify the limiting pollutant's critical condition (i.e. 90th percentile zinc Exceedance Volume) and the required load reduction associated with that critical condition. Although critical conditions are determined instream, associated runoff and loadings originate from multiple subwatersheds and jurisdictions.

An important aspect of the RAA is that load reductions within an assessment area are equitably distributed among jurisdictions contributing to the exceedance. For this reason, the original WMMS subwatersheds were further subdivided into jurisdictions. As described in the RAA sections of the selected EWMPs, all jurisdictions draining to a given assessment point were held to the same percent reduction. Figure 4-5 shows the original WMMS and updated RAA subwatershed routing networks for Puente Creek for the four contributing jurisdictions. The zinc critical condition in Puente Creek required a 76% instream load reduction—for equitability, all jurisdictions are required to each achieve a 76% load reduction collectively within their respective areas that drain to Puente Creek.

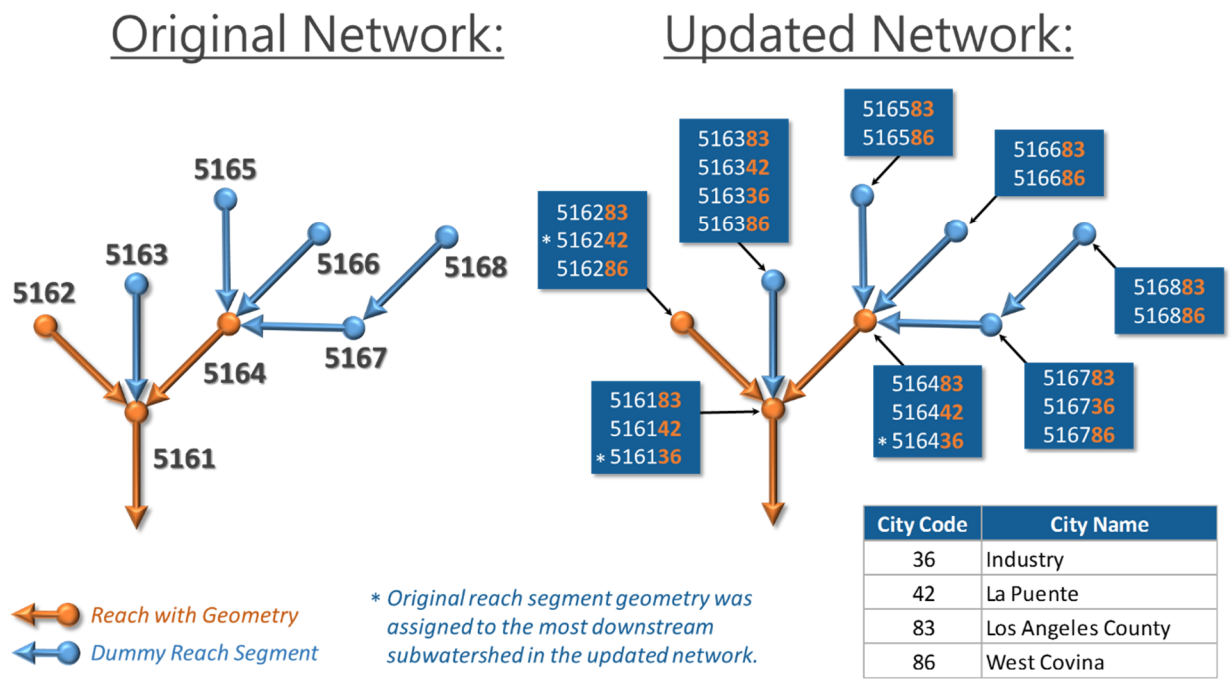

Figure 4-5. Original WMMS vs. RAA subwatershed modeling network for Puente Creek with contributing jurisdictions.

As previously shown in Figure 4-4, individual subwatershed contributions are separated into surface runoff and baseflow. Surface runoff from EWMP areas within Puente Creek were exported from the watershed model and used as boundary conditions for BMP modeling. Validation is performed by replacing baseline runoff in the watershed model with BMP effluent from the EWMP implementation plan. Subsurface flows and any other contributions from non-EWMP areas were also identified in the baseline model for accounting purposes. Non-EWMP areas were not managed by EWMP BMPs but it is important to account for impact of non-EWMP areas on the validation, as further described in Section 0.

4.3 BMP Model Configuration

SUTAIN was used to identify the most cost-effective combination of management practices in each subwatershed that collectively achieved a 76% zinc load reduction in each jurisdiction. Figure 4-6 shows the most cost-effective distribution BMP capacity by BMP type (LID, green streets, and regional BMPs). Table 4-2 summarizes the detailed recipes for compliance for the four jurisdictions within the Puente Creek assessment area. For this exercise, the validation is focused on zinc RWL attainment and thus the BMPs associated with the 2026 metals attainment milestone were included in the model to validate RWL attainment for metals.

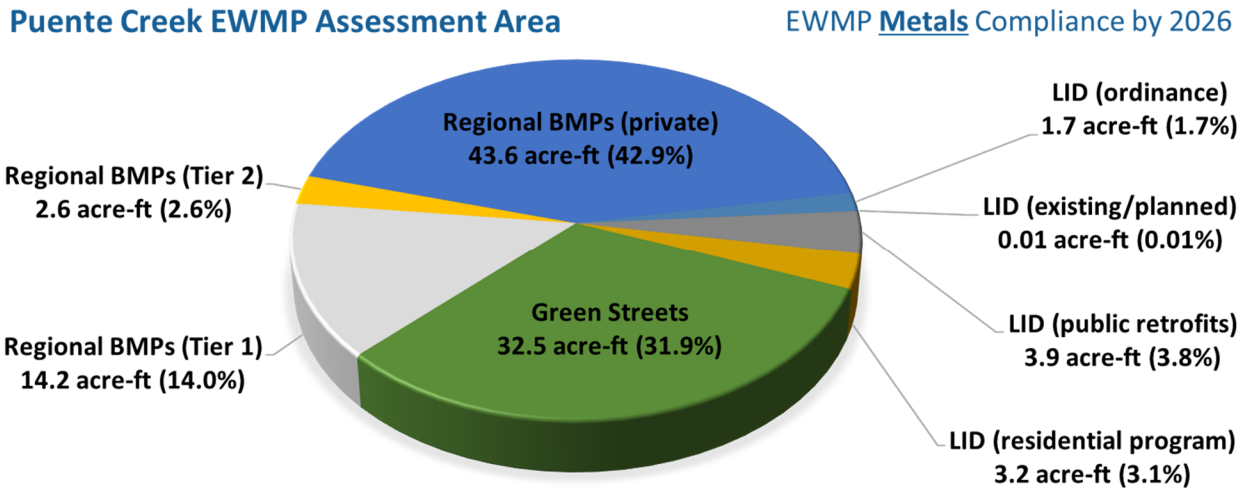

Figure 4-6. BMP capacities for metals compliance in the Puente Creek watershed.

Table 4-2. Detailed recipe for Metals TMDL compliance by jurisdiction for the Puente Creek Watershed

EWMP Implementation Plan Component			Optimized Capacity by Jurisdiction (acre-ft)			
			Industry	La Puente	Los Angeles County	West Covina
For Metals	24-hour Volume Managed		14.28	28.71	48.58	21.14
	LID	Ordinance	0.43	0.42	0.77	0.09
		Planned LID	---	---	0.01	---

		Public LID	0.14	0.42	3.27	0.05
		Residential LID	0.01	0.86	2.07	0.23
	Green Streets		0.98	9.00	17.62	4.85
	Regional	Tier 1 (public, owned)	---	10.92	3.31	---
		Tier 2 (public, owned)	0.81	0.03	---	1.78
		Tier 2 (public, non-owned)	---	---	0.00	---
		Private	6.82	10.52	15.42	10.8
	Total BMP Capacity		**9.19**	**32.18**	**42.48**	**17.8**

4.4 Routing Configuration between Watershed and BMP Models for Validation Example

The validation process involved deconstructing and reconstructing the watershed model within the Puente Creek assessment area. A step-by-step sequence of tests were performed to systematically layer the components, verying for expected outcomes from test cases at each step in the process. The steps include:

1. **Establish baseline (original subwatershed network)**: run the baseline watershed model (with the original 8-subwatershed network), which serves as the primary reference point for validation.
2. **Confirm baseline (updated subwatershed network)**: run the updated baseline watershed (with the updated jurisdiction-based network with 22 subwatersheds) and verify that flow and water quality matches results from Step 1.
    a. **Establish EWMP baseline**: separate runoff into EWMP and non-MS4 timeseries. Non-MS4 areas are assumed to be managed by other means to achieve RWL. For the validation run, doing that ensures that non-EWMP areas do not contribute to exceedance at the assessment point. Thus, the concentrations of zinc from non-MS4 areas are "capped" at the RWL to prevent the non-MS4 areas from causing or contributing to RWL exceedances.
3. **Confirm optimized BMP solution**: combine baseline LSPC and SUSTAIN BMP model runs
    a. Route 10 years of baseline continuous simulation runoff from LSPC through the selected EWMP BMPs to generate timeseries of treated runoff.
    b. Replace baseline timeseries in the watershed with treated BMP effluent from SUSTAIN. That is, the timeseries of concentration and flow rate in the effluent from the selected BMP solution for each assessment area was inserted back into the watershed model (LSPC) and routed through the reach network.
    c. Run the updated watershed model to generate 10-years of runoff and instream pollutant concentrations at the outlet of Puente Creek with BMPs implemented.
4. **Process Validate Output**: sort and plot 10-years of zinc *wet-weather* concentrations for each of the three model runs listed below.
    a. Baseline model for Puente Creek (output from Step 1 or 2 above)
    b. EWMP baseline model with non-MS4 area capped at RWL (output from Step 3 above)
    c. BMP solution model run (output from Step 4 above)
5. **Validate Results**: Plot the three percentile plots from Step 4 on a graph, along with the RWL. Demonstrate that the BMP solution model run achieves RWL at the 90th percentile threshold for the modeled 10-year period. Attaining the RWL in the EWMP baseline model with non-MS4 areas capped at the RWL represents validation of the RAA approach.

4.5 Results and Conclusions

Per Step #4 and #5 of the validation process described above, the 10-year record was analyzed to validate that RWLs were attained on 90% of wet weather days. Figure 4-7 presents baseline timeseries vs. EWMP-implemented time series for flow and zinc concentration in Puente Creek. The successful validation outcome (for Puente Creek) is shown in Figure 4-8. The 90th percentile wet weather concentration of total zinc at the mouth of Puente Creek is compared to the RWL. Three different conditions are shown in Figure 4-8, as follows:

1. Baseline/existing condition ("Baseline", blue line)

2. Baseline condition, except with zinc concentrations capped at RWLs for runoff from non-MS4 and non-EWMP areas ("Baseline for EWMP MS4s", green line)
3. Condition after BMPs specified by the RAA are implemented ("EWMP implemented", orange line).

Validation is demonstrated by the outcome that the 90th percentile concentration at the mouth of Puente Creek is less than the zinc RWL. This validation is representative of each of the selected EWMPs including Ballona Creek.

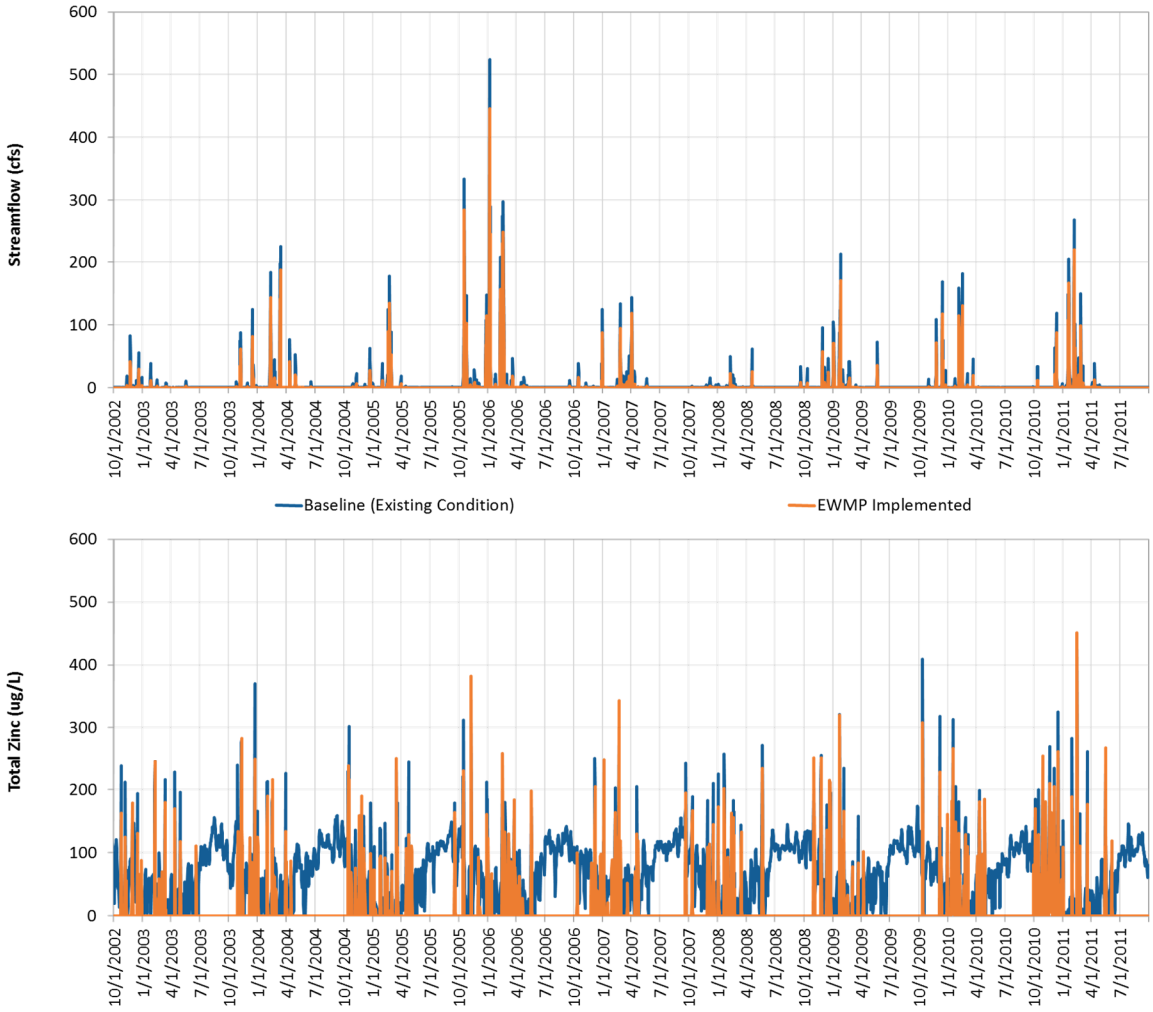

Figure 4-7. Instream validation 10-years timeseries plot demonstrating attainment of RWLs (Puente Creek).

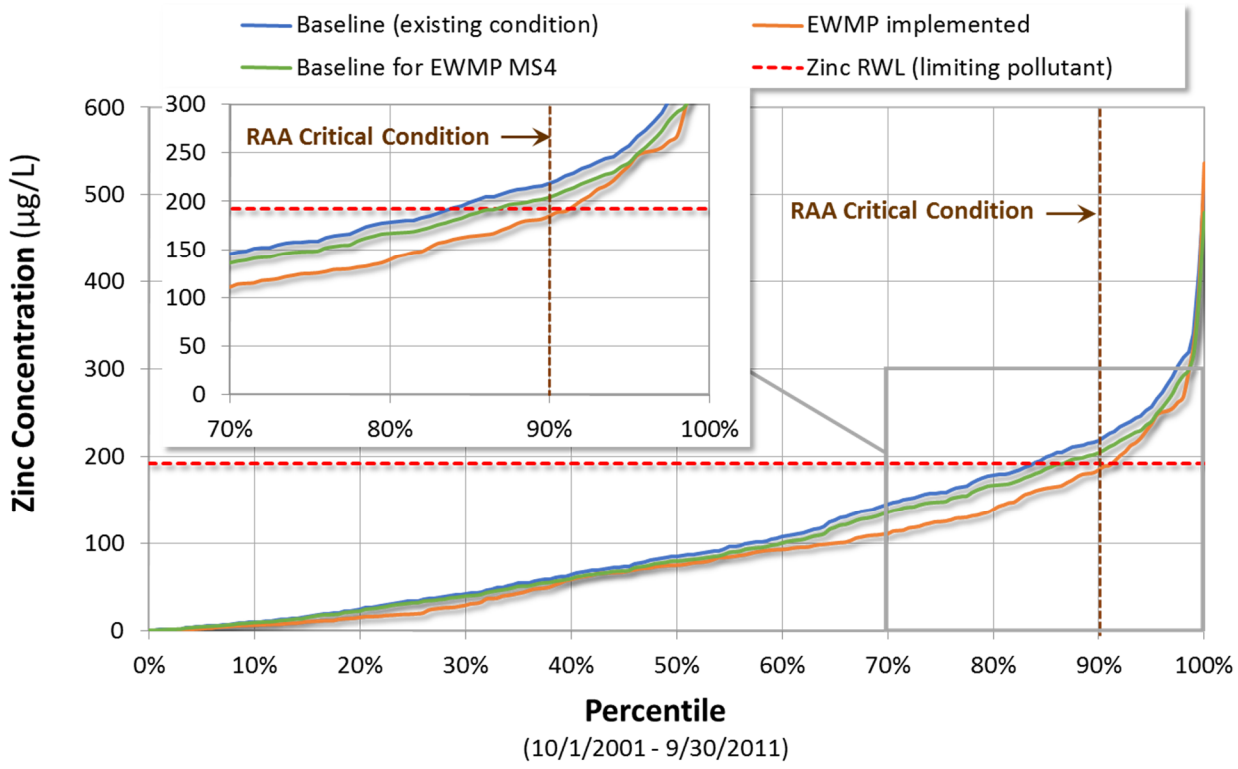

Figure 4-8. Instream validation plot demonstrating attainment of RWLs (Puente Creek).

Appendix 7.A
Detailed Recipe for Final EWMP Compliance (Compliance Targets and EWMP Implementation Strategy)

This appendix presents the detailed RAA output and EWMP Implementation Strategy. A series of tables are presented below, organized first by jurisdiction and then by watershed. The detailed tables are as follows

Table 7A-1. Beverly Hills, Ballona Creek: RAA Output and EWMP Implementation Plan 3
Table 7A-2. Culver City, Ballona Creek: RAA Output and EWMP Implementation Plan..... 4
Table 7A-3. Culver City, Centinela Creek: RAA Output and EWMP Implementation Plan..... 7
Table 7A-4. Culver City, Sepulveda Channel: RAA Output and EWMP Implementation Plan ... 8
Table 7A-5. Inglewood, Ballona Creek: RAA Output and EWMP Implementation Plan 9
Table 7A-6. Inglewood, Centinela Creek: RAA Output and EWMP Implementation Plan 10
Table 7A-7. Los Angeles, Ballona Creek: RAA Output and EWMP Implementation Plan 11
Table 7A-8. Los Angeles, Centinela Creek: RAA Output and EWMP Implementation Plan 16
Table 7A-9. Los Angeles, Sepulveda Channel: RAA Output and EWMP Implementation Plan 17
Table 7A-10. Santa Monica, Sepulveda Channel: RAA Output and EWMP Implementation Plan 18
Table 7A-11. Uninc. LA County, Ballona Creek: RAA Output and EWMP Implementation Plan 19
Table 7A-12. Uninc. LA County, Centinela Creek: RAA Output and EWMP Implementation Plan 20
Table 7A-13. West Hollywood, Ballona Creek: RAA Output and EWMP Implementation Plan 21

The following color-gradients and symbol legend applies to all tables in Appendix 7A:

RED = Subwatersheds with highest required % load reductions
BLUE = Subwatersheds with highest BMP capacities within a BMP category
--- = BMP opportunity was either not available or not selected for the subwatershed
(a value of 0.00 means that BMP capacity is non-zero but less than 0.004).

Table 7A-3. Beverly Hills, Ballona Creek: RAA Output and EWMP Implementation Plan

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
105011	19.86	3.94	58%	0.29	---	2.29	0.44	15.86	---	---	---	---	**18.9**	3.94	**22.8**
105111	18.62	---	90%	0.19	---	1.08	0.33	8.13	---	---	---	6.95	**16.7**	---	**16.7**
105211	0.00	0.02	5%	0.00	---	---	---	---	---	---	---	---	**0.0**	0.02	**0.0**
105311	1.14	0.25	48%	0.07	---	0.02	0.19	0.86	---	---	---	---	**1.1**	0.25	**1.4**
105411	0.55	0.31	37%	0.09	---	0.07	0.03	0.42	---	---	---	---	**0.6**	0.31	**0.9**
105511	0.00	0.07	6%	0.02	---	0.00	0.02	---	---	---	---	---	**0.0**	0.07	**0.1**
105611	0.27	0.13	37%	0.04	---	---	0.03	0.19	---	---	---	---	**0.3**	0.13	**0.4**
105711	0.24	1.32	6%	0.20	---	0.41	0.10	---	---	---	---	---	**0.7**	1.32	**2.0**
105811	0.05	0.02	21%	0.01	---	0.11	0.01	0.00	---	---	---	---	**0.1**	0.02	**0.1**
105911	0.14	0.57	7%	0.08	0.00	0.17	0.19	---	---	---	---	---	**0.4**	0.57	**1.0**
106011	0.00	0.00	5%	0.00	---	---	---	---	---	---	---	---	**0.0**	0.00	**0.0**
108411	27.48	0.95	84%	0.29	---	1.18	0.51	8.96	2.80	---	---	---	**13.7**	0.95	**14.7**
108811	0.04	0.00	53%	0.00	---	---	0.01	0.04	0.02	---	0.00	0.00	**0.1**	0.00	**0.1**
109011	0.00	0.00	63%	0.00	---	---	---	0.00	0.00	---	---	---	**0.0**	0.00	**0.0**
109111	30.06	2.40	43%	0.53	---	0.69	0.95	4.65	17.65	---	---	---	**24.5**	2.40	**26.9**
Total	**98.5**	**10.0**	**73%**	**1.8**	**0.0**	**6.0**	**2.8**	**39.1**	**20.5**	**0.0**	**0.0**	**6.9**	**77.2**	**10.0**	**87.1**

Table 7A-4. Culver City, Ballona Creek: RAA Output and EWMP Implementation Plan

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
100422	0.29	0.07	69%	0.00	---	---	0.00	0.20	0.04	---	---	0.01	**0.3**	0.07	**0.3**
100722	1.08	0.59	41%	0.04	0.85	0.00	0.01	---	0.00	---	---	---	**0.9**	0.59	**1.5**
100922	0.29	0.11	47%	0.01	0.31	---	0.02	0.01	---	---	---	---	**0.4**	0.11	**0.5**
101022	0.02	0.28	6%	0.01	0.00	---	0.03	---	---	---	---	---	**0.0**	0.28	**0.3**
101122	0.49	0.13	53%	0.01	0.74	---	0.03	0.06	---	---	---	---	**0.8**	0.13	**1.0**
101222	4.04	---	90%	0.05	---	0.27	0.10	0.73	---	---	---	2.52	**3.7**	---	**3.7**
101322	0.60	0.19	53%	0.01	---	---	0.01	0.34	0.16	---	---	0.05	**0.6**	0.19	**0.8**
101422	0.88	0.90	26%	0.04	0.47	0.11	0.10	0.44	---	0.00	---	0.00	**1.2**	0.90	**2.1**
101522	3.43	---	90%	0.07	---	0.08	0.00	0.41	---	---	---	2.22	**2.8**	---	**2.8**
101622	0.07	0.76	7%	0.04	---	---	0.11	---	---	---	---	---	**0.1**	0.76	**0.9**
101722	0.20	0.28	16%	0.04	---	0.04	---	0.15	---	---	---	---	**0.2**	0.28	**0.5**
101822	2.51	0.11	95%	0.02	---	0.05	0.01	0.88	---	0.01	---	1.14	**2.1**	0.11	**2.2**
101922	8.29	---	92%	0.12	---	1.03	0.26	0.41	0.03 *	2.99	---	3.18	**8.0**	---	**8.0**
102022	10.97	0.04	91%	0.10	---	0.27	0.12	2.11	0.12	0.82	---	3.76	**7.3**	0.04	**7.3**
102122	0.47	0.95	21%	0.03	0.29	0.09	0.00	0.06	---	---	---	---	**0.5**	0.95	**1.4**

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
102222	7.42	---	89%	0.11	---	0.40	0.12	1.72	0.07	---	---	3.42	**5.8**	---	**5.8**
104622	3.66	---	90%	0.06	---	0.01	0.04	1.00	---	---	---	1.88	**3.0**	---	**3.0**
104722	0.32	0.22	33%	0.02	0.12	0.16	---	---	---	---	---	---	**0.3**	0.22	**0.5**
104822	0.11	0.19	16%	0.04	---	0.04	0.00	0.06	---	---	---	---	**0.1**	0.19	**0.3**
104922	5.47	---	90%	0.04	---	0.49	0.02	1.10	---	---	---	2.91	**4.6**	---	**4.6**
106122	2.50	0.36	58%	0.05	1.52	0.00	0.00	0.62	---	0.00	---	0.00	**2.2**	0.36	**2.6**
106222	9.04	---	90%	0.11	0.26	0.42	0.05	1.78	---	---	---	5.35	**8.0**	---	**8.0**
106322	0.33	0.06	64%	0.00	0.32	---	---	---	---	---	---	---	**0.3**	0.06	**0.4**
106422	2.90	0.62	54%	0.07	0.61	0.41	0.07	0.86	---	0.10	---	---	**2.1**	0.62	**2.7**
106522	2.32	0.61	47%	0.07	1.10	---	0.03	0.91	---	---	---	---	**2.1**	0.61	**2.7**
106722	0.10	0.03	21%	0.01	---	---	0.01	0.03	---	0.04	---	0.02	**0.1**	0.03	**0.1**
106822	0.11	0.95	8%	0.04	0.09	---	0.04	---	---	---	---	---	**0.2**	0.95	**1.1**
106922	0.95	0.44	16%	0.11	1.06	0.14	0.08	---	---	---	---	---	**1.4**	0.44	**1.8**
108322	0.34	0.25	31%	0.01	0.14	---	---	0.19	---	---	---	---	**0.3**	0.25	**0.6**
109322	0.09	0.04	46%	0.00	0.09	---	0.00	---	---	---	---	---	**0.1**	0.04	**0.1**
117522	0.01	0.07	10%	0.00	---	0.01	---	---	---	0.00	---	0.00	**0.0**	0.07	**0.1**

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
Total	**69.3**	**8.3**	**73%**	**1.3**	**8.0**	**4.0**	**1.3**	**14.1**	**0.4**	**4.0**	**0.0**	**26.5**	**59.5**	**8.3**	**67.7**

* During the concept design process for the Culver Boulevard Median project, an alternative sizing of 29.2 acre-feet was selected (Section 4.5.3). If implemented at this alternative larger capacity, the capacity of other BMPs in this subwatershed would be reduced while maintaining the equivalent managed 24-hour runoff volume.

Table 7A-5. Culver City, Centinela Creek: RAA Output and EWMP Implementation Plan

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
102322	0.12	0.87	8%	0.03	0.06	0.00	0.11	---	---	---	---	---	**0.2**	0.87	**1.1**
102422	16.80	---	95%	0.22	0.60	0.23	0.37	3.81	---	0.20	---	7.36	**12.8**	---	**12.8**
102522	3.84	---	86%	0.06	---	0.06	0.01	0.01	---	0.65	---	1.27	**2.1**	---	**2.1**
102622	5.22	---	94%	0.04	---	0.00	---	---	---	0.01	---	4.08	**4.1**	---	**4.1**
102722	8.19	---	90%	0.09	---	0.70	---	0.58	---	---	---	4.96	**6.3**	---	**6.3**
102822	0.02	0.68	6%	0.05	---	0.00	0.00	---	---	---	---	---	**0.0**	0.68	**0.7**
Total	**34.2**	**1.5**	**86%**	**0.5**	**0.7**	**1.0**	**0.5**	**4.4**	**0.0**	**0.9**	**0.0**	**17.7**	**25.6**	**1.5**	**27.1**

Table 7A-6. Culver City, Sepulveda Channel: RAA Output and EWMP Implementation Plan

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
103122	4.97	---	84%	0.06	---	0.11	0.15	1.08	0.02	---	---	2.51	**3.9**	---	**3.9**
Total	**5.0**	**0.0**	**85%**	**0.1**	**0.0**	**0.1**	**0.1**	**1.1**	**0.0**	**0.0**	**0.0**	**2.5**	**3.9**	**0.0**	**3.9**

Table 7A-7. Inglewood, Ballona Creek: RAA Output and EWMP Implementation Plan

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
108037	11.30	---	74%	0.20	---	0.06	0.46	---	---	2.17	---	7.05	**9.9**	---	**9.9**
Total	**11.3**	**0.0**	**74%**	**0.2**	**0.0**	**0.1**	**0.5**	**0.0**	**0.0**	**2.2**	**0.0**	**7.0**	**9.9**	**0.0**	**9.9**

Table 7A-8. Inglewood, Centinela Creek: RAA Output and EWMP Implementation Plan

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
102837	12.24	---	79%	0.15	0.01	0.00	0.23	4.69	---	---	---	4.35	**9.4**	---	**9.4**
102937	0.00	0.03	7%	0.00	---	---	---	---	---	---	---	---	**0.0**	0.03	**0.0**
103037	52.78	---	87%	0.69	2.17	3.54	0.51	2.61	9.60	2.69	---	14.79	**36.6**	---	**36.6**
Total	**65.0**	**0.0**	**86%**	**0.8**	**2.2**	**3.5**	**0.7**	**7.3**	**9.6**	**2.7**	**0.0**	**19.1**	**46.0**	**0.0**	**46.1**

Table 7A-9. Los Angeles, Ballona Creek: RAA Output and EWMP Implementation Plan

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
				Low-Impact Development				Streets	Regional BMPs						
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private	Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
100149	0.00	0.02	6%	0.00	---	0.00	---	---	---	---	---	---	**0.0**	0.02	**0.0**
100449	1.69	2.18	16%	0.11	0.05	0.13	0.26	0.42	0.70	---	---	0.25	**1.9**	2.18	**4.1**
100549	0.00	0.00	53%	---	---	---	---	0.00	---	---	---	---	**0.0**	0.00	**0.0**
100649	9.71	---	96%	0.13	---	0.18	0.00	---	4.44	---	---	2.57	**7.3**	---	**7.3**
100749	0.62	0.69	26%	0.03	0.83	0.09	0.00	---	0.02	---	---	---	**1.0**	0.69	**1.7**
100849	0.61	0.36	37%	0.02	0.92	---	0.03	---	---	0.00	---	---	**1.0**	0.36	**1.3**
101049	2.00	0.95	44%	0.05	1.42	0.01	0.13	---	0.17	---	---	---	**1.8**	0.95	**2.7**
101249	0.39	5.56	6%	0.18	0.06	0.07	0.41	---	---	---	---	---	**0.7**	5.56	**6.3**
101349	3.20	1.87	26%	0.08	0.51	0.12	0.14	0.76	1.55	---	---	0.51	**3.7**	1.87	**5.5**
101449	0.00	0.00	7%	0.00	---	---	0.00	---	---	---	---	---	**0.0**	0.00	**0.0**
101849	5.82	5.63	30%	0.25	0.38	0.92	0.46	2.80	---	0.19	---	---	**5.0**	5.63	**10.6**
101949	0.05	0.01	5%	0.00	---	---	---	---	0.00	---	---	0.02	**0.0**	0.01	**0.0**
102049	10.21	4.96	21%	0.24	0.49	---	0.40	1.56	0.27	0.01	---	2.91	**5.9**	4.96	**10.8**
102249	10.71	5.69	37%	0.25	0.15	0.40	0.38	1.88	0.11	2.52	---	1.15	**6.8**	5.69	**12.5**
104949	6.88	5.90	31%	0.30	0.19	0.19	0.62	6.00	0.01	---	---	0.07	**7.4**	5.90	**13.3**
105049	1.16	0.84	53%	0.04	0.04	---	0.10	1.56	---	---	---	---	**1.7**	0.84	**2.6**

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
105149	11.52	---	89%	0.21	0.53	0.02	0.10	2.89	0.02	0.01	---	5.88	**9.7**	---	**9.7**
105249	0.29	1.09	6%	0.19	0.43	---	0.02	---	---	0.02	---	0.08	**0.7**	1.09	**1.8**
105349	0.00	0.01	6%	0.01	---	---	---	---	---	---	---	---	**0.0**	0.01	**0.0**
105449	0.05	0.40	7%	0.05	0.15	0.00	0.03	---	---	---	---	---	**0.2**	0.40	**0.6**
105549	0.41	3.03	7%	0.40	3.36	---	1.09	---	---	0.00	---	---	**4.9**	3.03	**7.9**
105649	0.28	1.46	8%	0.10	0.33	---	0.23	---	---	---	---	---	**0.7**	1.46	**2.1**
105749	0.03	0.17	8%	0.01	0.02	---	0.03	---	---	---	---	---	**0.1**	0.17	**0.2**
105849	0.65	1.08	16%	0.14	1.06	0.99	0.14	---	---	---	---	---	**2.3**	1.08	**3.4**
105949	0.49	2.56	8%	0.19	0.57	0.35	0.49	---	---	---	0.00	0.00	**1.6**	2.56	**4.2**
106049	2.76	0.65	59%	0.11	---	8.41	0.06	---	---	---	---	---	**8.6**	0.65	**9.2**
106149	71.87	---	97%	0.64	2.33	0.67	0.61	0.00	---	4.66	---	22.90	**31.8**	---	**31.8**
106249	3.69	3.14	31%	0.13	0.03	0.09	0.23	3.25	---	---	---	---	**3.7**	3.14	**6.9**
106349	3.72	0.43	58%	0.05	1.71	0.00	0.07	2.03	---	---	---	---	**3.9**	0.43	**4.3**
106449	0.02	0.00	87%	0.00	0.00	---	---	---	---	0.00	---	---	**0.0**	0.00	**0.0**
106649	0.81	0.18	56%	0.02	0.43	---	---	---	---	0.05	---	0.09	**0.6**	0.18	**0.8**
106749	57.79	---	90%	0.88	2.22	3.85	1.20	0.06	---	11.43	---	18.97	**38.6**	---	**38.6**
106949	1.77	0.21	68%	0.04	0.91	0.27	---	0.28	---	---	---	---	**1.5**	0.21	**1.7**

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
107049	7.93	0.51	72%	0.11	---	2.21	0.07	---	0.69	0.35	---	0.69	**4.1**	0.51	**4.6**
107149	41.45	---	95%	0.49	1.04	0.80	0.49	4.35	---	1.35	---	23.55	**32.1**	---	**32.1**
107249	1.58	0.32	6%	0.02	---	---	0.00	---	---	0.25	---	0.50	**0.8**	0.32	**1.1**
107349	155.81	---	95%	1.38	3.53	4.57	0.42	2.48	---	13.14	---	90.38	**115.9**	---	**115.9**
107449	25.26	---	90%	0.23	1.00	0.75	---	3.49	---	0.67	---	13.04	**19.2**	---	**19.2**
107549	60.95	---	95%	0.65	1.32	0.62	0.00	5.09	---	4.89	---	34.13	**46.7**	---	**46.7**
107649	19.44	0.22	95%	0.23	0.62	0.10	0.63	8.09	1.77	---	---	6.37	**17.8**	0.22	**18.0**
107749	39.40	0.21	95%	0.44	2.17	1.24	0.55	---	1.68	1.57	---	22.43	**30.1**	0.21	**30.3**
107849	61.01	---	95%	0.69	0.07	0.98	0.94	0.00	---	4.86	---	39.94	**47.5**	---	**47.5**
107949	46.97	---	90%	0.56	0.09	0.73	0.57	0.01	10.91	3.25	---	17.09	**33.2**	---	**33.2**
108049	100.40	---	96%	1.20	0.03	2.66	2.23	0.01	0.80	9.44	---	51.85	**68.2**	---	**68.2**
108149	15.66	---	89%	0.22	0.04	---	0.50	1.41	---	1.52	---	9.09	**12.8**	---	**12.8**
108249	9.21	---	90%	0.11	---	0.03	0.17	0.96	---	1.21	---	5.40	**7.9**	---	**7.9**
108349	8.07	---	90%	0.07	0.17	0.05	0.03	1.45	---	---	---	4.94	**6.7**	---	**6.7**
108449	35.76	24.86	26%	1.03	0.38	0.75	1.49	22.80	3.61	0.26	---	---	**30.3**	24.86	**55.2**
108549	3.81	0.45	69%	0.04	1.82	---	0.04	1.33	---	0.00	---	---	**3.2**	0.45	**3.7**
108649	0.18	0.49	12%	0.03	0.02	---	0.07	0.04	0.10	---	---	---	**0.3**	0.49	**0.8**

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
108749	0.66	0.27	58%	0.02	0.01	---	0.08	0.80	0.04	---	---	---	**1.0**	0.27	**1.2**
108849	93.95	9.12	47%	1.70	1.41	3.38	3.28	18.85	17.35	1.04	0.06	21.10	**68.2**	9.12	**77.3**
108949	0.25	0.27	22%	0.01	0.00	---	0.01	0.07	0.00	0.01	---	---	**0.1**	0.27	**0.4**
109049	20.53	4.31	42%	0.29	0.26	0.12	0.64	6.84	8.80	0.00	0.00	0.10	**17.0**	4.31	**21.4**
109149	31.64	1.81	53%	0.33	1.40	0.04	0.99	2.62	9.21	2.19	---	7.99	**24.8**	1.81	**26.6**
109249	5.43	2.17	47%	0.08	0.15	---	0.06	2.78	1.33	---	---	---	**4.4**	2.17	**6.6**
109349	1.72	1.17	34%	0.07	2.16	0.12	0.05	---	---	---	---	---	**2.4**	1.17	**3.6**
109449	27.28	5.08	66%	0.39	0.27	2.11	0.57	0.00	2.00	0.04	---	---	**5.4**	5.08	**10.5**
109549	16.33	0.02	90%	0.16	0.13	---	0.31	6.18	---	0.03	---	6.82	**13.6**	0.02	**13.6**
109649	2.18	1.76	32%	0.08	0.30	0.01	0.16	1.66	---	---	---	---	**2.2**	1.76	**4.0**
109749	2.04	0.83	42%	0.04	0.62	0.00	0.06	1.39	---	---	---	---	**2.1**	0.83	**2.9**
109849	6.62	---	89%	0.06	---	0.03	0.01	2.21	---	---	---	3.13	**5.4**	---	**5.4**
109949	14.38	---	91%	0.16	0.01	0.15	0.15	4.09	---	1.47	---	3.91	**9.9**	---	**9.9**
110049	6.75	---	90%	0.05	---	0.23	0.00	2.36	---	---	---	3.03	**5.7**	---	**5.7**
110149	24.40	---	95%	0.32	0.07	0.21	0.58	1.93	---	1.30	---	13.32	**17.7**	---	**17.7**
110249	13.33	4.16	53%	0.64	0.26	0.19	1.15	17.35	---	0.21	---	0.01	**19.8**	4.16	**24.0**
110349	7.86	6.77	27%	0.50	0.20	10.50	0.47	4.67	1.28	0.13	---	---	**17.7**	6.77	**24.5**

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
110449	15.70	5.66	41%	0.49	0.30	0.40	0.87	5.92	---	0.25	---	5.61	**13.8**	5.66	**19.5**
110549	44.36	---	95%	0.41	0.18	0.42	0.20	8.66	---	4.62	---	14.76	**29.2**	---	**29.2**
110649	38.11	---	95%	0.29	1.35	0.45	0.00	2.35	10.55	0.80	---	26.60	**42.4**	---	**42.4**
110749	2.66	2.04	26%	0.06	0.58	0.01	---	0.92	3.68	---	---	0.40	**5.7**	2.04	**7.7**
110849	24.18	10.39	33%	0.71	0.21	1.57	0.87	9.68	5.87	5.86	---	0.70	**25.5**	10.39	**35.8**
110949	16.16	6.20	21%	0.40	0.01	0.64	0.42	2.12	23.80	2.75	---	2.60	**32.7**	6.20	**38.9**
111049	125.52	---	92%	1.11	0.32	4.61	0.52	0.05	4.19	5.22	---	28.95	**45.0**	---	**45.0**
111149	42.69	0.07	86%	0.44	0.13	0.65	0.38	0.11	3.61	2.86	---	26.97	**35.2**	0.07	**35.2**
111249	65.40	---	95%	0.53	0.13	0.46	0.50	5.35	---	3.48	---	33.36	**43.8**	---	**43.8**
111349	53.75	10.90	46%	0.80	0.07	1.11	0.85	13.80	---	5.47	---	5.47	**27.6**	10.90	**38.5**
111449	19.98	1.13	85%	0.31	3.32	0.12	0.08	1.53	9.53	0.09	---	10.37	**25.4**	1.13	**26.5**
117549	53.46	---	90%	0.58	3.74	0.24	0.58	11.80	---	0.21	---	23.58	**40.7**	---	**40.7**
Total	**1,619.4**	**150.3**	**73%**	**23.4**	**49.0**	**60.0**	**29.2**	**211.1**	**128.1**	**99.7**	**0.1**	**613.6**	**1,214.1**	**150.3**	**1,364.4**

Table 7A-10. Los Angeles, Centinela Creek: RAA Output and EWMP Implementation Plan

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
102349	0.52	2.92	9%	0.12	0.55	---	0.13	0.00	---	0.00	---	0.00	**0.8**	2.92	**3.7**
102449	0.11	0.03	58%	0.00	0.08	---	0.00	---	---	---	---	---	**0.1**	0.03	**0.1**
102649	9.17	---	95%	0.12	0.03	0.01	0.23	2.08	---	0.00	---	4.25	**6.7**	---	**6.7**
102849	15.30	---	95%	0.13	0.68	---	0.16	3.67	---	---	---	7.32	**11.9**	---	**11.9**
102949	30.15	---	95%	0.41	0.20	1.59	1.03	10.26	---	0.23	---	9.39	**23.1**	---	**23.1**
103049	15.07	---	95%	0.18	---	---	0.57	0.52	0.01	0.86	---	9.58	**11.7**	---	**11.7**
Total	**70.3**	**2.9**	**86%**	**1.0**	**1.5**	**1.6**	**2.1**	**16.5**	**0.0**	**1.1**	**0.0**	**30.5**	**54.4**	**2.9**	**57.3**

Table 7A-11. Los Angeles, Sepulveda Channel: RAA Output and EWMP Implementation Plan

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
103149	21.03	0.04	95%	0.24	1.15	2.33	0.62	7.48	0.04	---	---	5.65	**17.5**	0.04	**17.6**
103249	163.68	0.00	86%	1.11	0.85	4.61	1.19	23.94	24.37	21.96	---	32.48	**110.5**	0.00	**110.5**
103349	20.26	---	95%	0.15	0.18	0.21	0.19	1.83	9.99	3.29	---	4.32	**20.2**	---	**20.2**
103449	85.53	---	87%	1.21	3.63	1.10	2.32	0.03	5.47	2.95	---	41.20	**57.9**	---	**57.9**
103549	13.21	0.55	60%	0.34	0.35	0.11	0.58	0.01	---	1.16	---	3.74	**6.3**	0.55	**6.8**
103649	41.41	---	84%	0.35	0.10	0.57	0.43	8.56	0.00	0.01	---	23.78	**33.8**	---	**33.8**
103749	9.42	1.14	67%	0.29	1.50	2.56	0.77	2.66	---	0.03	---	---	**7.8**	1.14	**8.9**
103849	17.84	2.15	58%	0.41	0.04	---	0.52	0.98	---	0.07	---	---	**2.0**	2.15	**4.2**
103949	5.67	0.70	47%	0.17	0.26	---	0.51	0.62	---	0.02	---	---	**1.6**	0.70	**2.3**
104049	2.62	1.52	37%	0.10	0.09	0.74	0.12	1.59	---	0.00	---	---	**2.6**	1.52	**4.2**
104149	0.59	0.45	26%	0.10	0.05	---	0.31	0.24	---	0.00	---	---	**0.7**	0.45	**1.2**
104249	0.05	0.44	6%	0.09	0.14	---	0.25	---	---	---	---	---	**0.5**	0.44	**0.9**
104349	2.77	1.92	32%	0.15	0.07	0.02	---	1.86	---	---	---	---	**2.1**	1.92	**4.0**
104449	1.26	1.01	32%	0.25	0.28	11.96	0.34	0.37	---	0.00	---	0.00	**13.2**	1.01	**14.2**
104549	0.08	0.56	7%	0.16	0.22	---	---	---	---	---	---	---	**0.4**	0.56	**0.9**
Total	**385.4**	**10.5**	**82%**	**5.1**	**8.9**	**24.2**	**8.1**	**50.2**	**39.9**	**29.5**	**0.0**	**111.2**	**277.1**	**10.5**	**287.6**

Table 7A-12. Santa Monica, Sepulveda Channel: RAA Output and EWMP Implementation Plan

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
103275	18.06	---	84%	0.14	---	0.67	0.19	1.74	9.23	0.26	---	6.32	**18.6**	---	**18.6**
Total	**18.1**	**0.0**	**85%**	**0.1**	**0.0**	**0.7**	**0.2**	**1.7**	**9.2**	**0.3**	**0.0**	**6.3**	**18.6**	**0.0**	**18.6**

Table 7A-13. Uninc. LA County, Ballona Creek: RAA Output and EWMP Implementation Plan

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
100183	---	---	---	---	---	---	---	---	---	---	---	---	**0.0**	---	**0.0**
100383	0.00	0.03	6%	0.00	---	---	---	---	---	---	---	---	**0.0**	0.03	**0.0**
100583	---	0.00	5%	---	---	---	---	---	---	---	---	---	**0.0**	0.00	**0.0**
100683	0.15	0.02	68%	0.00	---	0.26	0.00	0.00	---	---	---	---	**0.3**	0.02	**0.3**
101483	0.01	0.05	6%	0.01	---	---	0.00	---	---	0.00	---	0.00	**0.0**	0.05	**0.1**
101583	2.94	---	90%	0.05	---	0.12	0.00	0.40	---	---	---	1.82	**2.4**	---	**2.4**
101783	---	---	---	---	---	---	---	---	---	---	---	---	**0.0**	---	**0.0**
106783	24.12	0.00	90%	0.51	---	0.11	0.78	---	---	8.56	---	12.39	**22.4**	0.00	**22.4**
106983	0.00	0.00	48%	0.01	---	---	---	0.00	---	---	---	---	**0.0**	0.00	**0.0**
108083	0.71	0.48	13%	0.03	---	0.26	0.08	---	---	0.12	---	0.06	**0.5**	0.48	**1.0**
108883	0.02	0.01	10%	0.00	---	---	---	---	---	0.00	---	---	**0.0**	0.01	**0.0**
109183	0.08	0.00	58%	0.00	---	---	0.00	---	0.05	---	---	---	**0.1**	0.00	**0.1**
117583	0.38	0.29	26%	0.01	---	---	0.03	0.23	---	0.01	---	0.05	**0.3**	0.29	**0.6**
Total	**28.4**	**0.9**	**73%**	**0.6**	**0.0**	**0.7**	**0.9**	**0.6**	**0.1**	**8.7**	**0.0**	**14.3**	**26.0**	**0.9**	**26.9**

Table 7A-14. Uninc. LA County, Centinela Creek: RAA Output and EWMP Implementation Plan

	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
102383	0.00	0.02	10%	0.00	---	---	0.00	0.00	---	---	---	---	**0.0**	0.02	**0.0**
102583	3.86	1.94	16%	0.21	---	---	0.29	0.33	---	1.21	---	1.06	**3.1**	1.94	**5.0**
102783	0.00	0.00	95%	0.00	---	---	---	0.00	---	0.00	---	0.00	**0.0**	0.00	**0.0**
102883	19.28	---	90%	0.58	1.33	1.44	0.66	6.35	---	0.01	---	6.90	**17.3**	---	**17.3**
103083	19.62	0.09	96%	0.42	---	0.83	0.71	---	1.91	0.87	---	9.51	**14.3**	0.09	**14.4**
Total	**42.8**	**2.1**	**86%**	**1.2**	**1.3**	**2.3**	**1.7**	**6.7**	**1.9**	**2.1**	**0.0**	**17.5**	**34.6**	**2.1**	**36.7**

Table 7A-15. West Hollywood, Ballona Creek: RAA Output and EWMP Implementation Plan

Subwatershed ID	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)												
	For Metals by 2021	For Bacteria by 2021	For Metals Attainment by 2021											For Bacteria Attainment by 2021	
	24-hour Volume Managed (acre-ft)	Additional 24-hour Volume Managed (acre-ft)	% Load Reduction Critical Condition	Low-Impact Development				Streets	Regional BMPs				Total BMP Capacity (acre-ft)	Regional BMPs (private)	Cumulative BMP Capacity for both Metals and Bacteria (acre-ft)
				Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private			
108887	11.65	0.45	78%	0.18	---	0.68	0.01	---	2.08	0.13	0.00	4.61	**7.7**	0.45	**8.1**
109087	6.10	4.57	11%	0.14	---	0.27	0.00	0.34	3.57	---	0.00	0.26	**4.6**	4.57	**9.1**
109187	30.67	0.15	86%	0.24	---	1.44	0.16	3.83	3.14	0.56	0.18	13.13	**22.7**	0.15	**22.8**
109287	8.35	0.11	90%	0.06	---	0.07	0.03	1.18	2.26	---	---	3.22	**6.8**	0.11	**6.9**
Total	**56.8**	**5.3**	**74%**	**0.6**	**0.0**	**2.5**	**0.2**	**5.3**	**11.0**	**0.7**	**0.2**	**21.2**	**41.7**	**5.3**	**47.0**

Appendix 7.B
Subwatershed Maps with Control Measure Capacity

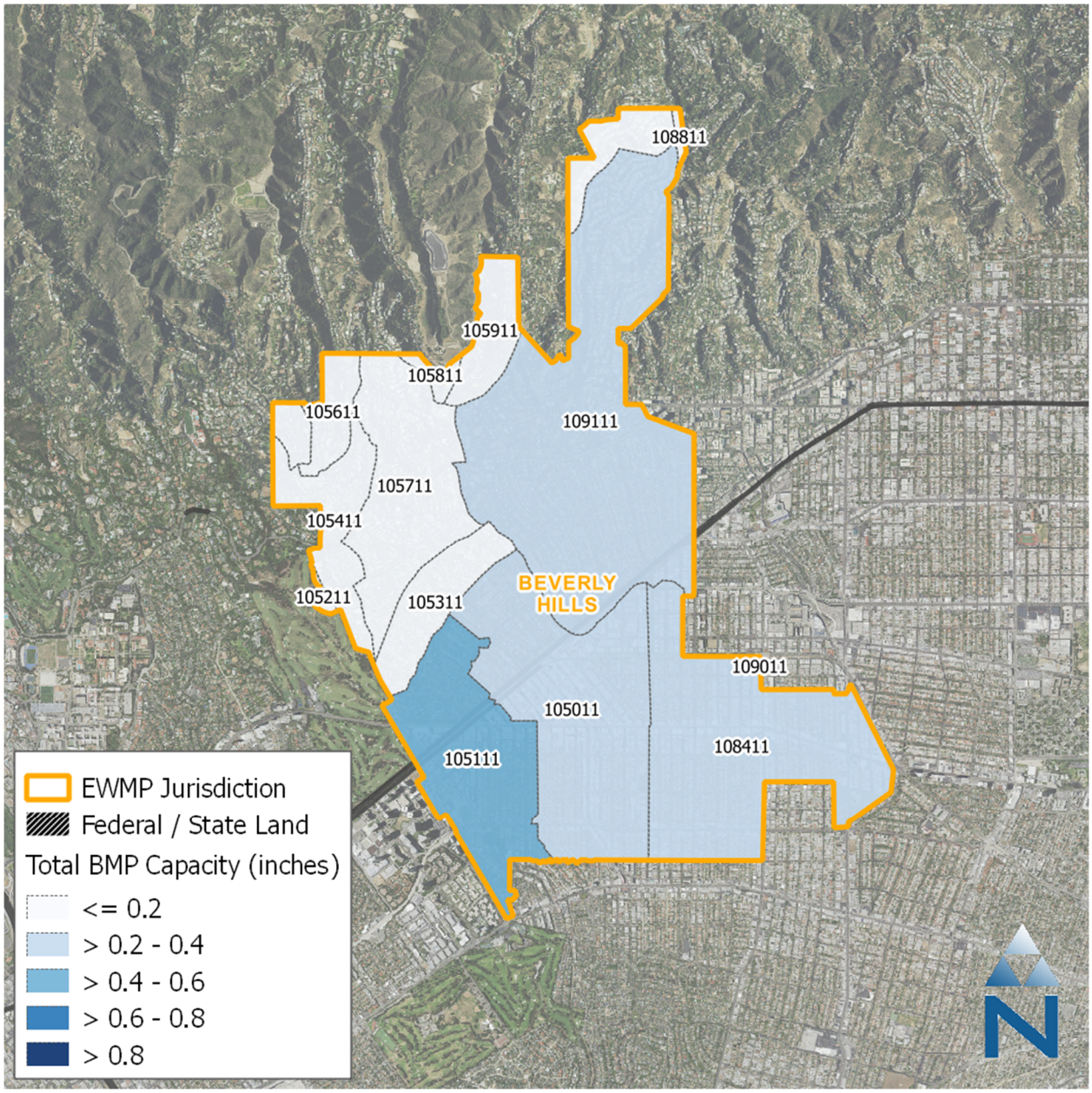

Figure 7B-1. Beverly Hills: Subwatershed Index Map

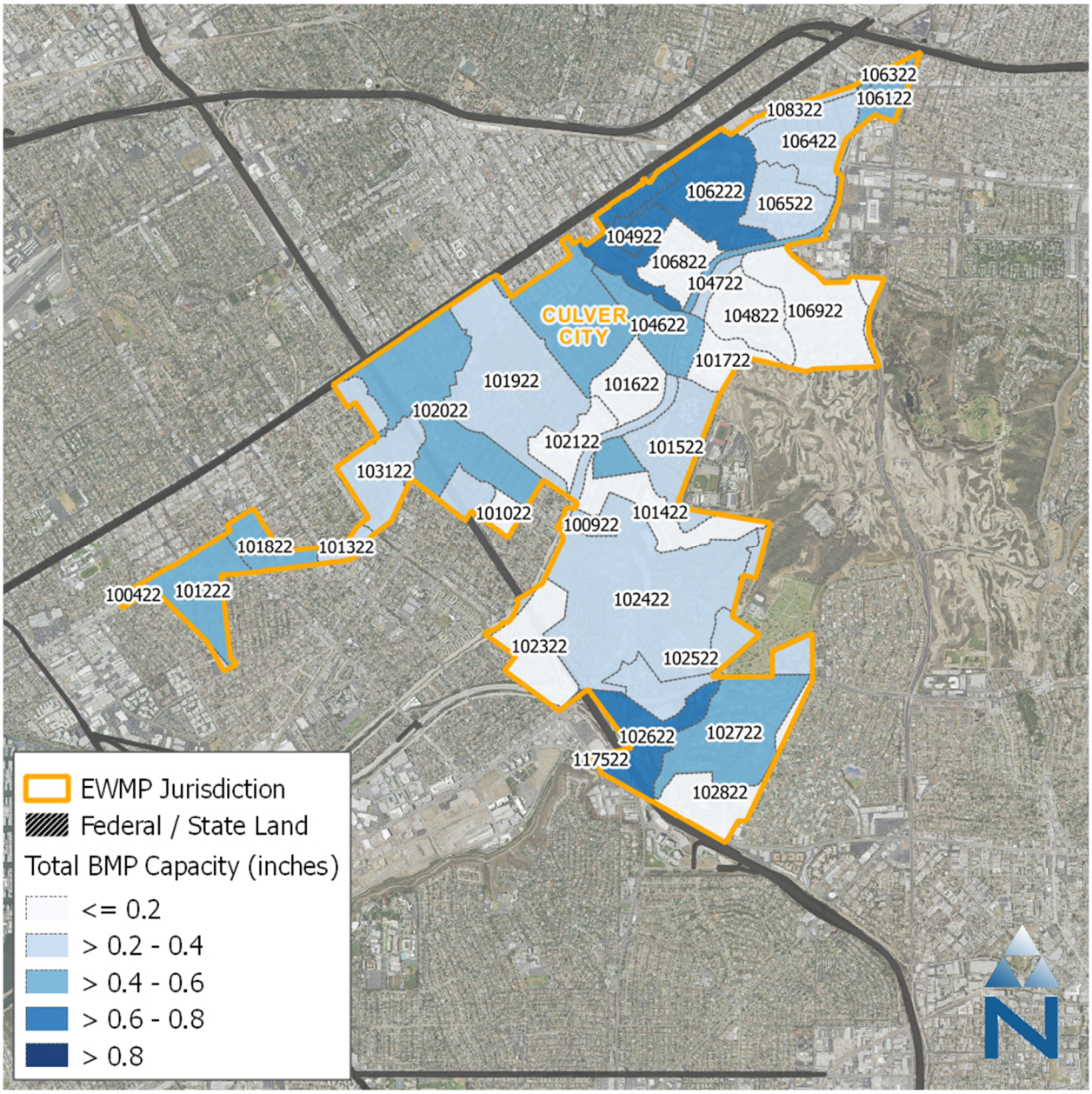

Figure 7B-2. Culver City: Subwatershed Index Map

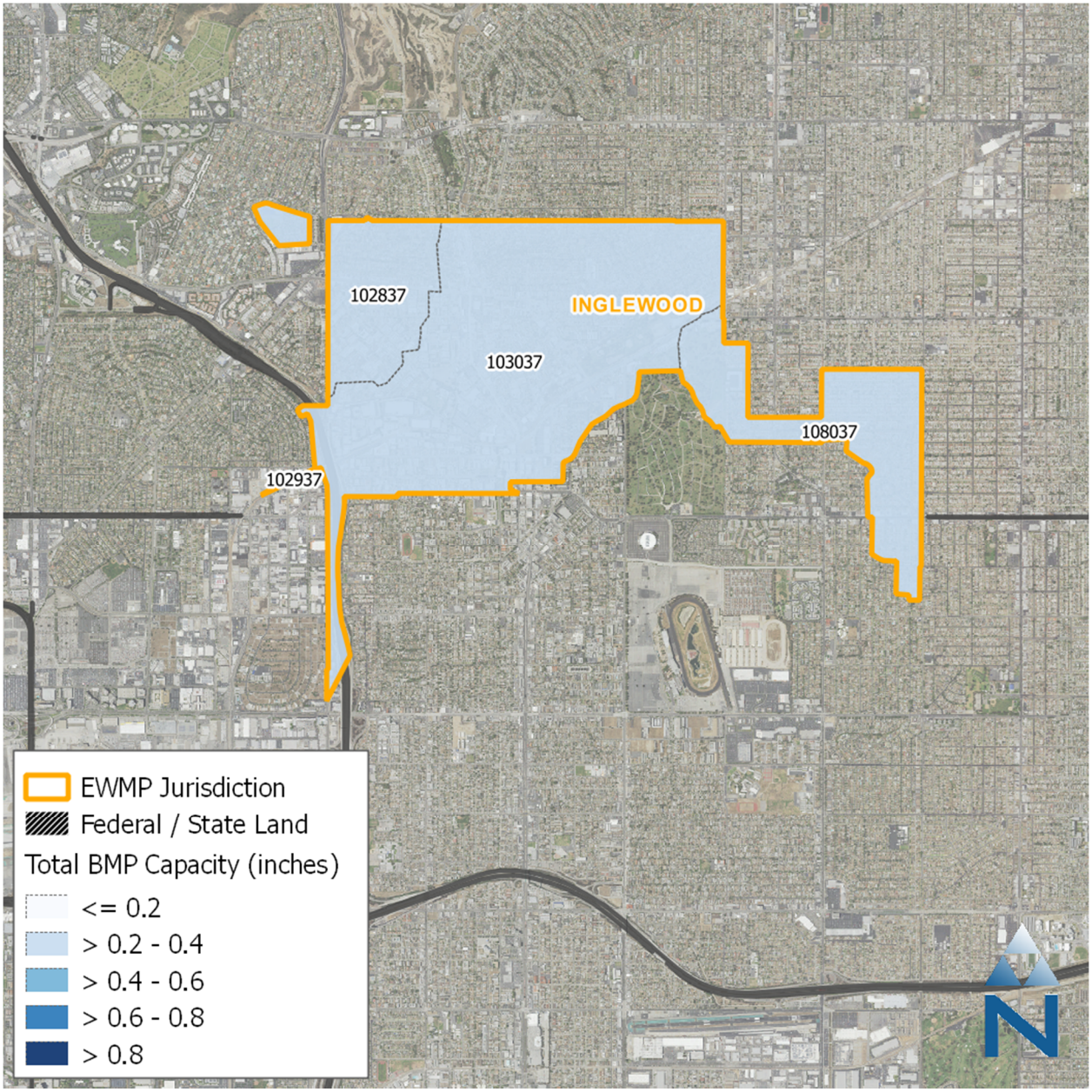

Figure 7B-3. Inglewood: Subwatershed Index Map

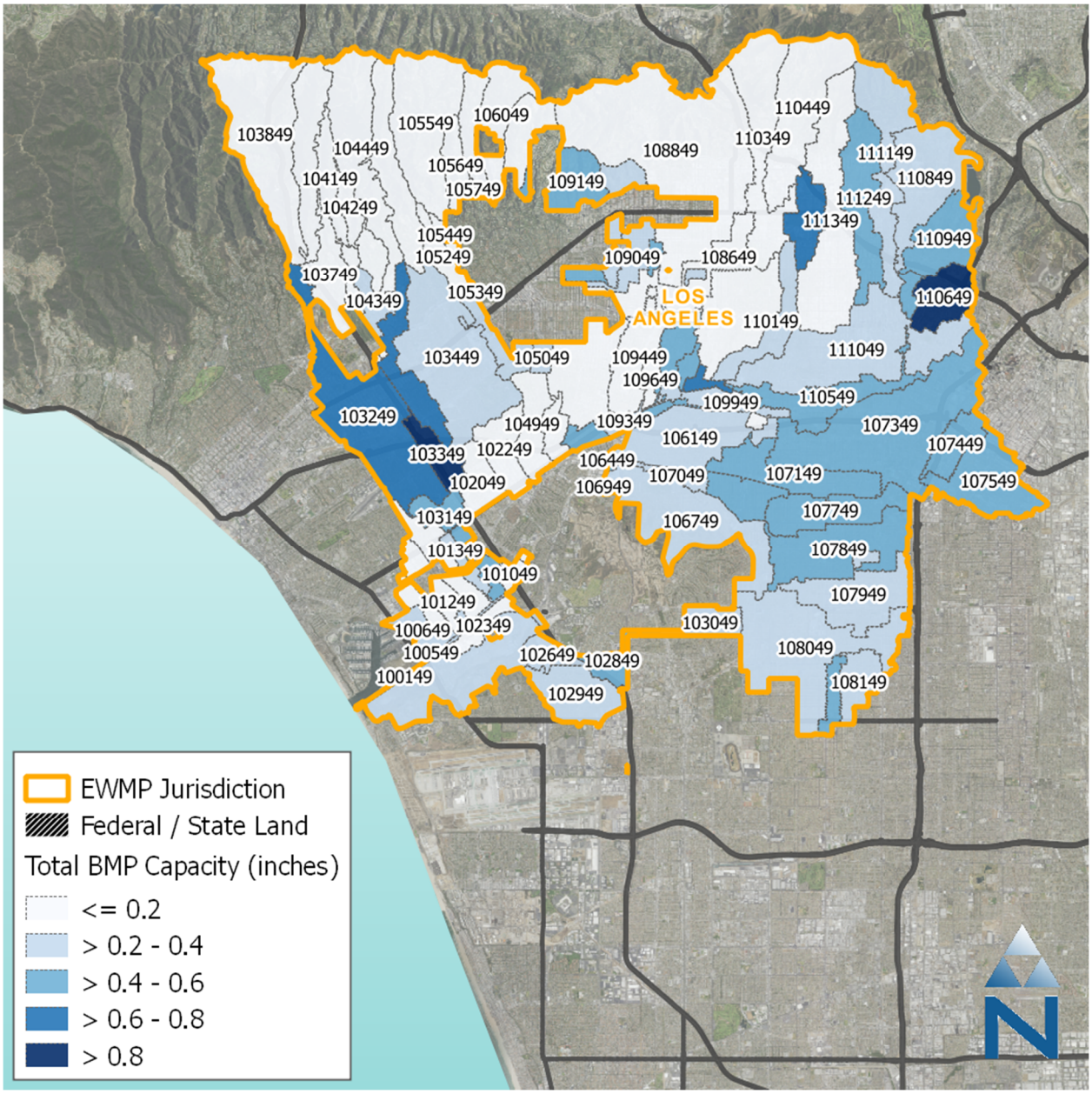

Figure 7B-4. Los Angeles: Subwatershed Index Map

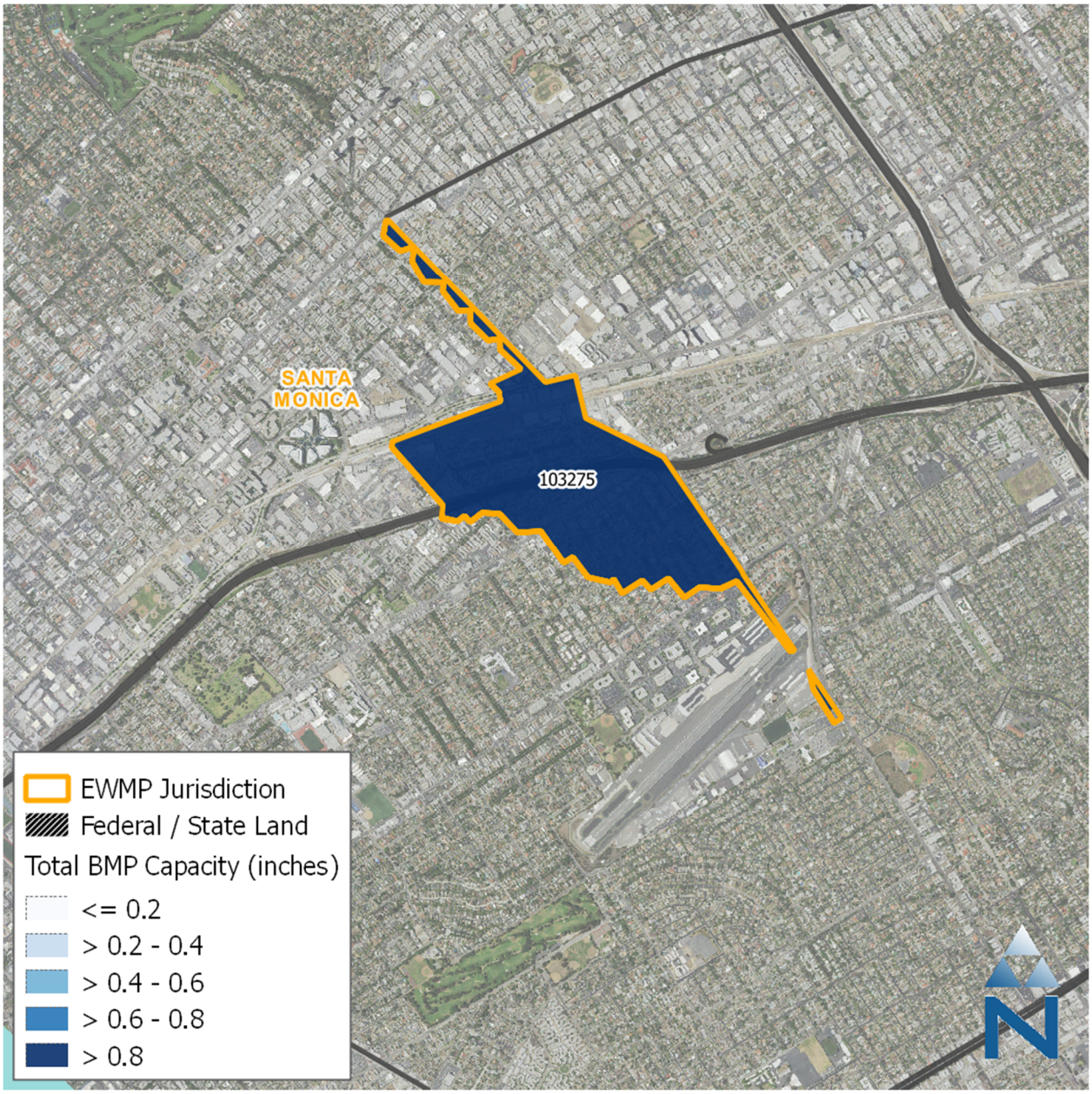

Figure 7B-5. Santa Monica: Subwatershed Index Map

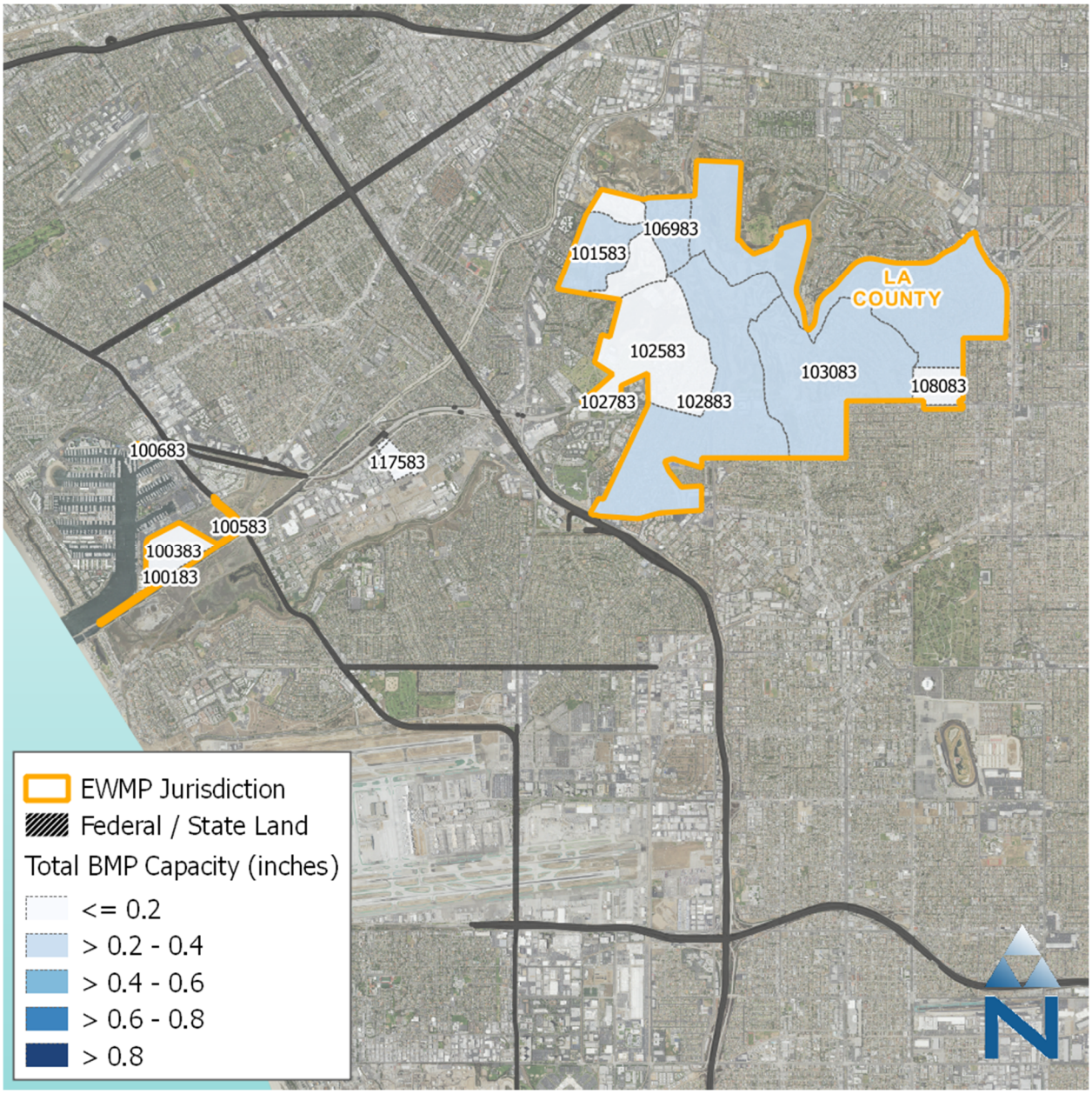

Figure 7B-6. Uninc. LA County: Subwatershed Index Map

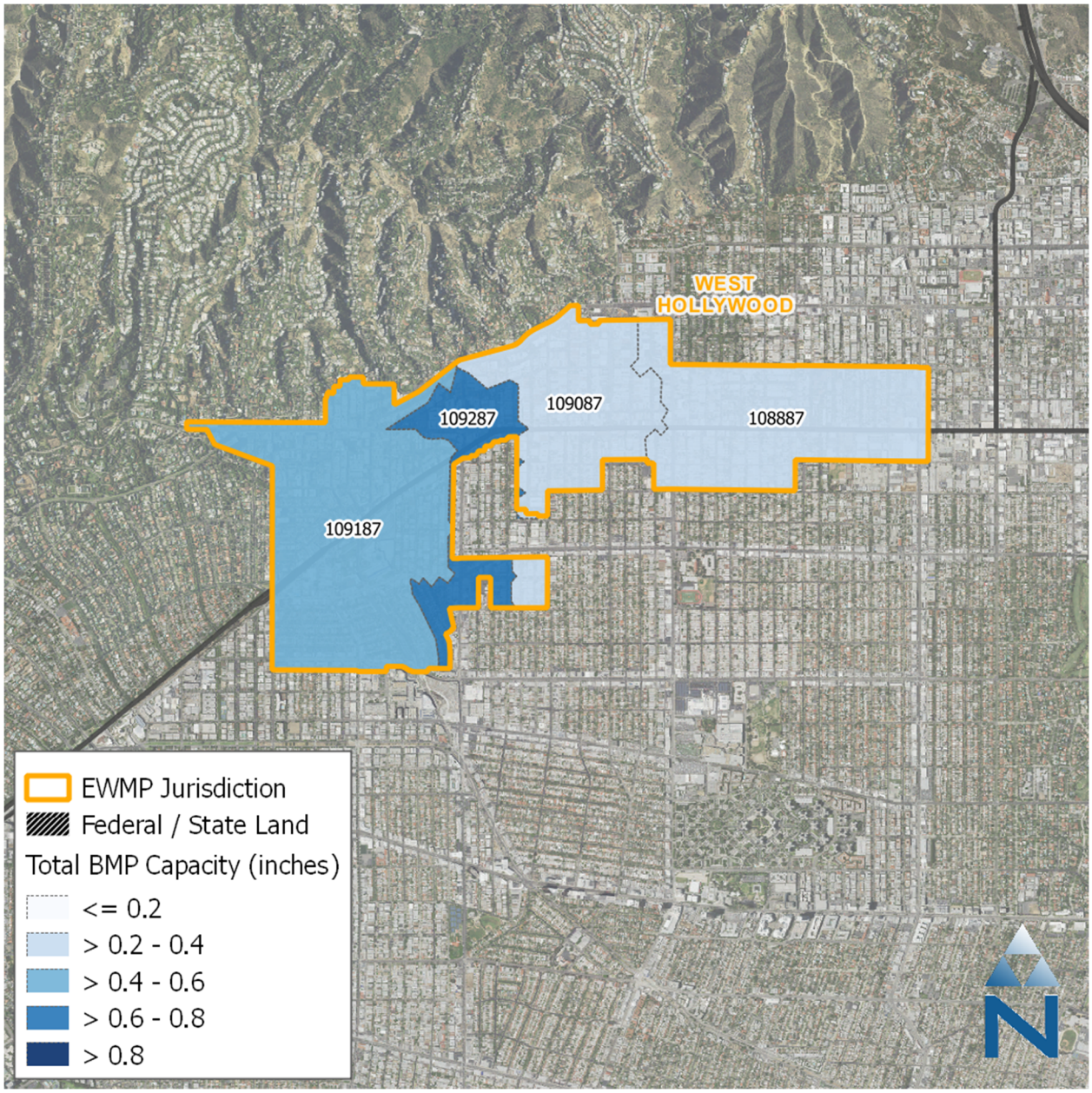

Figure 7B-7. West Hollywood: Subwatershed Index Map

Appendix 7.C
Scheduling of Control Measures for EWMP and TMDL Milestones

These tables present the Compliance Targets and EWMP Implementation Plan for each Ballona Creek Metals TMDL Milestone and final compliance with the Metals and Bacteria TMDL.

Table 7C-1. Beverly Hills: Targets and EWMP Implementation Plan for Interim and Final Compliance 3

Table 7C-2. Culver City: Targets and EWMP Implementation Plan for Interim and Final Compliance 4

Table 7C-3. Inglewood: Targets and EWMP Implementation Plan for Interim and Final Compliance 5

Table 7C-4. Los Angeles: Targets and EWMP Implementation Plan for Interim and Final Compliance 6

Table 7C-5. Santa Monica: Targets and EWMP Implementation Plan for Interim and Final Compliance 7

Table 7C-6. Uninc. LA County: Targets and EWMP Implementation Plan for Interim and Final Compliance 8

Table 7C-7. West Hollywood: Targets and EWMP Implementation Plan for Interim and Final Compliance 9

The following color-gradients and symbol legend applies to all tables in this appendix.

RED = Relative magnitude of volume to be managed by milestone
BLUE = Relative magnitude of BMP capacities by BMP category and milestone
--- = BMP opportunity was either not available or not selected for the milestone
(a value of 0.0 means that BMP capacity is non-zero but less than 0.04).

Table 7C-16. Beverly Hills: Targets and EWMP Implementation Plan for Interim and Final Compliance

Assessment Area	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)									
			Low-Impact Development				Streets	Regional BMPs				
	EWMP Milestone	24-hour Volume Managed (acre-ft)	Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private	Cumulative BMP Capacity (acre-ft)
Ballona Creek	25% Milestone (2012)	13.82	---	0.0	0.1	---	0.4	0.9	---	---	---	**1.4**
	50% Milestone (2016)	39.01	---	0.0	0.4	---	2.6	13.7	---	---	---	**16.7**
	75% Milestone (2019)	64.95	0.1	0.0	2.4	---	16.1	20.5	---	0.0	---	**39.1**
	Final Metals (2021)	98.47	1.8	0.0	6.0	2.8	39.1	20.5	---	0.0	6.9	**77.2**
	Final Bacteria (2021)	108.45	1.8	0.0	6.0	2.8	39.1	20.5	---	0.0	16.9	**87.1**
Total	**---**	**108.5**	**1.8**	**0.0**	**6.0**	**2.8**	**39.1**	**20.5**	**0.0**	**0.0**	**16.9**	**87.1**

Table 7C-17. Culver City: Targets and EWMP Implementation Plan for Interim and Final Compliance

Assessment Area	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)									
			Low-Impact Development				Streets	Regional BMPs				
	EWMP Milestone	24-hour Volume Managed (acre-ft)	Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private	Cumulative BMP Capacity (acre-ft)
Ballona Creek	25% Milestone (2012)	5.16	---	4.8	---	---	---	---	---	---	---	**4.8**
	50% Milestone (2016)	22.16	---	8.0	1.1	---	4.1	0.4 *	3.8	---	---	**17.4**
	75% Milestone (2019)	46.70	0.8	8.0	2.9	0.6	10.4	0.4 *	4.0	---	12.2	**39.2**
	Final Metals (2021)	69.28	1.3	8.0	4.0	1.3	14.1	0.4 *	4.0	---	26.5	**59.5**
	Final Bacteria (2021)	77.56	1.3	8.0	4.0	1.3	14.1	0.4 *	4.0	---	34.7	**67.7**
Centinela Creek	25% Milestone (2012)	3.42	---	0.7	0.2	---	0.7	---	0.5	---	---	**2.0**
	50% Milestone (2016)	15.31	0.2	0.7	0.7	0.2	2.9	---	0.9	---	5.4	**10.9**
	75% Milestone (2019)	25.13	0.4	0.7	0.8	0.3	3.6	---	0.9	---	11.8	**18.5**
	Final Metals (2021)	34.19	0.5	0.7	1.0	0.5	4.4	---	0.9	---	17.7	**25.6**
	Final Bacteria (2021)	35.74	0.5	0.7	1.0	0.5	4.4	---	0.9	---	19.2	**27.1**
Sepulveda Channel	25% Milestone (2012)	0.48	---	---	0.0	---	0.2	0.0	---	---	---	**0.2**
	50% Milestone (2016)	2.34	0.0	---	0.1	0.0	0.7	0.0	---	---	0.8	**1.7**
	75% Milestone (2019)	3.67	0.0	---	0.1	0.1	0.9	0.0	---	---	1.7	**2.8**
	Final Metals (2021)	4.97	0.1	---	0.1	0.1	1.1	0.0	---	---	2.5	**3.9**
	Final Bacteria (2021)	4.97	0.1	---	0.1	0.1	1.1	0.0	---	---	2.5	**3.9**
Total	**---**	**118.3**	**1.9**	**8.6**	**5.1**	**1.9**	**19.5**	**0.4**	**4.8**	**0.0**	**56.5**	**98.8**

* During the concept design process for the Culver Boulevard Median project, an alternative sizing of 29.2 acre-feet was selected (Section 4.5.3). If implemented at this alternative larger capacity, the capacity of other BMPs would be reduced while maintaining the equivalent managed 24-hour runoff volume.

Table 7C-18. Inglewood: Targets and EWMP Implementation Plan for Interim and Final Compliance

Assessment Area	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)									
			Low-Impact Development				Streets	Regional BMPs				
	EWMP Milestone	24-hour Volume Managed (acre-ft)	Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private	Cumulative BMP Capacity (acre-ft)
Ballona Creek	25% Milestone (2012)	1.07	---	---	0.0	---	---	---	1.0	---	---	**1.0**
	50% Milestone (2016)	4.95	0.1	---	0.0	0.2	---	---	2.2	---	2.3	**4.8**
	75% Milestone (2019)	8.18	0.1	---	0.1	0.3	---	---	2.2	---	4.7	**7.4**
	Final Metals (2021)	11.30	0.2	---	0.1	0.5	---	---	2.2	---	7.0	**9.9**
	Final Bacteria (2021)	11.30	0.2	---	0.1	0.5	---	---	2.2	---	7.0	**9.9**
Centinela Creek	25% Milestone (2012)	10.31	---	2.2	0.2	---	0.1	3.2	---	---	---	**5.6**
	50% Milestone (2016)	22.06	---	2.2	0.4	---	0.5	6.4	0.7	---	---	**10.1**
	75% Milestone (2019)	41.46	0.4	2.2	2.4	0.2	4.1	9.6	2.7	---	4.9	**26.4**
	Final Metals (2021)	65.02	0.8	2.2	3.5	0.7	7.3	9.6	2.7	---	19.1	**46.0**
	Final Bacteria (2021)	65.06	0.8	2.2	3.5	0.7	7.3	9.6	2.7	---	19.2	**46.1**
Total	**---**	**76.4**	**1.0**	**2.2**	**3.6**	**1.2**	**7.3**	**9.6**	**4.9**	**0.0**	**26.2**	**56.0**

Table 7C-19. Los Angeles: Targets and EWMP Implementation Plan for Interim and Final Compliance

Assessment Area	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)									
			Low-Impact Development				Streets	Regional BMPs				
	EWMP Milestone	24-hour Volume Managed (acre-ft)	Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private	Cumulative BMP Capacity (acre-ft)
Ballona Creek	25% Milestone (2012)	141.67	---	49.0	0.8	---	2.4	19.6	---	---	---	**71.8**
	50% Milestone (2016)	527.48	---	49.0	8.3	---	31.2	127.9	41.9	---	---	**258.2**
	75% Milestone (2019)	1,073.79	12.8	49.0	41.5	11.4	148.9	128.1	99.7	0.0	243.7	**735.0**
	Final Metals (2021)	1,619.43	23.4	49.0	60.0	29.2	211.1	128.1	99.7	0.1	613.6	**1,214.1**
	Final Bacteria (2021)	1,769.72	23.4	49.0	60.0	29.2	211.1	128.1	99.7	0.1	763.9	**1,364.4**
Centinela Creek	25% Milestone (2012)	5.77	---	1.5	0.2	---	1.4	0.0	0.3	---	---	**3.3**
	50% Milestone (2016)	28.47	0.4	1.5	1.1	0.6	10.1	0.0	1.1	---	6.3	**21.1**
	75% Milestone (2019)	45.99	0.7	1.5	1.3	1.1	13.3	0.0	1.1	---	15.8	**34.8**
	Final Metals (2021)	70.33	1.0	1.5	1.6	2.1	16.5	0.0	1.1	---	30.5	**54.4**
	Final Bacteria (2021)	73.27	1.0	1.5	1.6	2.1	16.5	0.0	1.1	---	33.5	**57.3**
Sepulveda Channel	25% Milestone (2012)	40.04	---	8.9	0.3	---	1.2	9.8	---	---	---	**20.2**
	50% Milestone (2016)	127.09	---	8.9	1.6	---	3.9	23.3	6.5	---	---	**44.3**
	75% Milestone (2019)	246.51	2.2	8.9	13.2	1.9	30.1	39.9	29.5	---	25.5	**151.3**
	Final Metals (2021)	385.40	5.1	8.9	24.2	8.1	50.2	39.9	29.5	---	111.2	**277.1**
	Final Bacteria (2021)	395.89	5.1	8.9	24.2	8.1	50.2	39.9	29.5	---	121.7	**287.6**
Total	**---**	**2,238.9**	**29.5**	**59.4**	**85.8**	**39.5**	**277.8**	**168.0**	**130.3**	**0.1**	**919.1**	**1,709.4**

Table 7C-20. Santa Monica: Targets and EWMP Implementation Plan for Interim and Final Compliance

Assessment Area	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)									
			Low-Impact Development				Streets	Regional BMPs				
	EWMP Milestone	24-hour Volume Managed (acre-ft)	Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private	Cumulative BMP Capacity (acre-ft)
Sepulveda Channel	25% Milestone (2012)	3.70	---	---	0.1	---	0.2	6.2	0.1	---	---	**6.5**
	50% Milestone (2016)	5.73	---	---	0.2	---	0.4	9.2	0.2	---	---	**10.0**
	75% Milestone (2019)	14.57	0.1	---	0.6	0.1	1.4	9.2	0.3	---	4.2	**16.0**
	Final Metals (2021)	18.06	0.1	---	0.7	0.2	1.7	9.2	0.3	---	6.3	**18.6**
	Final Bacteria (2021)	18.06	0.1	---	0.7	0.2	1.7	9.2	0.3	---	6.3	**18.6**
Total	**---**	**18.1**	**0.1**	**0.0**	**0.7**	**0.2**	**1.7**	**9.2**	**0.3**	**0.0**	**6.3**	**18.6**

Table 7C-21. Uninc. LA County: Targets and EWMP Implementation Plan for Interim and Final Compliance

Assessment Area	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)									
			Low-Impact Development				Streets	Regional BMPs				
	EWMP Milestone	24-hour Volume Managed (acre-ft)	Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private	Cumulative BMP Capacity (acre-ft)
Ballona Creek	25% Milestone (2012)	3.29	---	---	0.0	---	0.0	0.0	2.1	---	---	**2.3**
	50% Milestone (2016)	14.33	0.3	---	0.4	0.3	0.4	0.1	8.7	---	4.1	**14.3**
	75% Milestone (2019)	21.02	0.5	---	0.6	0.6	0.5	0.1	8.7	---	9.0	**19.8**
	Final Metals (2021)	28.42	0.6	---	0.7	0.9	0.6	0.1	8.7	---	14.3	**26.0**
	Final Bacteria (2021)	29.30	0.6	---	0.7	0.9	0.6	0.1	8.7	---	15.2	**26.9**
Centinela Creek	25% Milestone (2012)	4.00	---	1.3	0.0	---	---	0.6	---	---	---	**2.0**
	50% Milestone (2016)	11.94	---	1.3	0.8	---	2.3	1.9	1.8	---	---	**8.2**
	75% Milestone (2019)	28.69	0.8	1.3	1.7	0.9	4.5	1.9	2.1	---	9.4	**22.5**
	Final Metals (2021)	42.77	1.2	1.3	2.3	1.7	6.7	1.9	2.1	---	17.5	**34.6**
	Final Bacteria (2021)	44.82	1.2	1.3	2.3	1.7	6.7	1.9	2.1	---	19.5	**36.7**
Total	**---**	**74.1**	**1.8**	**1.3**	**3.0**	**2.6**	**7.3**	**2.0**	**10.8**	**0.0**	**34.7**	**63.5**

Table 7C-22. West Hollywood: Targets and EWMP Implementation Plan for Interim and Final Compliance

Assessment Area	COMPLIANCE TARGETS: BMP PERFORMANCE GOAL		EWMP IMPLEMENTATION PLAN: APPROACH TO ACHIEVE COMPLIANCE TARGETS, SUBJECT TO ADAPTIVE MANAGEMENT (BMP capacity expressed in units of acre-feet)									
			Low-Impact Development				Streets	Regional BMPs				
	EWMP Milestone	24-hour Volume Managed (acre-ft)	Ordinance	Planned LID	Public LID	Residential LID	Green Streets	Very High (public, owned)	High (public, owned)	Medium (public, non-owned)	Private	Cumulative BMP Capacity (acre-ft)
Ballona Creek	25% Milestone (2012)	5.87	---	---	0.1	---	0.1	2.6	---	---	---	**2.7**
	50% Milestone (2016)	17.01	---	---	0.3	---	0.6	9.3	0.2	---	---	**10.4**
	75% Milestone (2019)	36.60	0.3	---	1.6	0.1	3.6	11.0	0.7	0.1	7.0	**24.5**
	Final Metals (2021)	56.77	0.6	---	2.5	0.2	5.3	11.0	0.7	0.2	21.2	**41.7**
	Final Bacteria (2021)	62.05	0.6	---	2.5	0.2	5.3	11.0	0.7	0.2	26.5	**47.0**
Total	**---**	**62.0**	**0.6**	**0.0**	**2.5**	**0.2**	**5.3**	**11.0**	**0.7**	**0.2**	**26.5**	**47.0**

