

**Los Angeles County Municipal Storm Water Permit
(Order No. R4-2012-0175 as amended by Order WQ 2015-0075)
NPDES No. CAS004001**

**Annual Report
Individual Form
Reporting Year **17-18****

This form includes items to be reported individually by each Permittee.

Permittee Name	City of Walnut
Permittee Program Contact	Alicia Jensen
Title	Deputy Community Services Director
Address	21201 La Puente Road
City	Walnut
Zip Code	91789-2018
Phone	(909) 598-5605
Email	ajensen@cityofwalnut.org

1. Legal Authority and Certification

Complete the items on this page.

1.1 Answer the following questions on Legal Authority [VI.A.2.b]:

	Yes	No
Is there a current statement certified by the Permittee's chief legal counsel that the Permittee 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 Permit?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Has the above statement been developed or updated within the reporting year? If yes, attach the updated legal authority statement to this report.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

1.2 Complete the required certification below [Attachment D – V.B.5]:

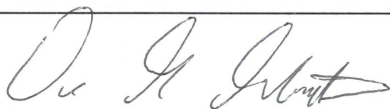
"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature of either a principal executive officer, ranking elected official, or by a duly authorized representative of a principal executive officer or ranking elected official. A person is a duly authorized representative only if:

- The authorization is made in writing by a principal executive officer or ranking elected official.
- The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity such as the position of plant manager, operator of a well or a well field, superintendent, position of equivalent responsibility, or an individual or position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)
- The written authorization is submitted to the Regional Board.

If an authorization of a duly authorized representative is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization will be submitted to the Regional Board prior to or together with any reports, information, or applications, to be signed by an authorized representative.

Signature



Title

David Gilbertson, City Engineer

Date

12/13/18

2. Program Expenditures

Complete the following items in this section.

- 2.1 Source(s) of funds used in the past year, and proposed for the coming year, to meet necessary expenditures on the Permittee's stormwater management program [VI.A.3.b]:

Source of funds used in the past year and proposed for the coming year is through the City of Walnut General Fund.

- 2.2 Complete the table on program expenditures below [Attachment D – VII.A.5]:

Table 2a: Program Expenditures			
Category		Expenditures for Reporting Year (17-18)	Program Budget for Next Reporting Year (18-19)
(1) Program Management		35,000	35,000
(2) Minimum Control Measures (MCMs)	Public Information and Participation Program	4,000	4,000
	Industrial / Commercial Facilities Program	2,500	2,500
	Planning and Land Development Program	3,000	3,000
	Development Construction Program	3,000	3,000
	Public Agency Activities Program	20,000	20,000
	Illicit Connections and Illicit Discharges Program	1,000	1,000
	Additional Institutional BMPs / "Enhanced" MCMs	2,000	2,000
(3) Projects	Distributed Projects and Green Streets	0	0
	Regional Projects	0	0
	Restoration Projects	0	0
(4) Monitoring		80,000	80,000
(5) NPDES MS4 Permit Fees		21,500	21,500
(6) Other¹		30,900	30,900
TOTAL		202,900	202,900

- 2.3 Please add any additional comments on stormwater expenditures below:

N/A.

¹ Categories may be added to the table as necessary

3. Discharge Prohibitions and Receiving Water Limitations

Complete the following items in this section.

- 3.1 Did you develop and implement procedures to ensure that a discharger, if not a named Permittee in this Order, fulfilled the requirements of Part III.A.4.a.i-vi? If so, provide a link to where the procedures may be found or attach to the Annual Report [III.A.4.a]:

Yes. See attached City of Walnut Watershed Management Plan.

- 3.2 Did you develop and implement procedures that minimize the discharge of landscape irrigation water into the MS4? If so, provide a link to where the procedures may be found or attach to the Annual Report [III.A.4.b]:

Yes. See attached City of Walnut Watershed Management Plan.

- 3.3 Where Receiving Water Limitations were exceeded, describe efforts that were taken to determine whether discharges from the MS4 caused or contributed to the exceedances and all efforts that were taken to control the discharge of pollutants from the MS4 to those receiving waters in response to the exceedances (e.g. BMPs that were implemented) [Attachment E – XVIII.A.5.e]:

During this reporting year, there were no discharge of pollutant exceedances, however elevated levels of pollutants were being monitored by the City.

4. Non-Stormwater Outfall Screening and Monitoring

Complete the following items in this section.

- 4.1 Complete the following tables regarding your Non-Stormwater Outfall Based Screening and Monitoring Program [Attachment E – XVIII.A.3.a-g]. (These tables correspond to Tables 4a and 4b in the Watershed Form.)

Table 4a: Summary of Non-Stormwater Based Screening and Monitoring								
Receiving Water and/or WMP/EWMP Group	No. of Outfalls	Total No. of Outfalls Screened Since Dec 28, 2012	No. of Screening Events During Reporting Year	No. of Screening Events Since Dec 28, 2012	Outfalls with Significant Non-Stormwater Discharges ²			
					Total Confirmed	Total Abated	Total Attributed to Allowable Sources ³	Total No. Being Monitored
San Jose Creek	25	25	2	33	2	0	0	2
Walnut Creek	1	1	0	1	0	0	0	0
Total	26	26	2	34	2	0	0	2

Table 4b: Summary of Non-Stormwater Discharges Abated During Reporting Year	
Method	Total No.
Low Flow Diversion	N/A
IC/ID Eliminated	N/A
Permitted	N/A
Retention	N/A
Discharge No Longer Observed	N/A
Other (describe in Section 4.4)	N/A

- 4.2 How many of the conditionally exempt non-stormwater discharges in Part III.A.2.b of the Permit did you determine to be sources of pollutants that caused or contributed to an exceedance of receiving water limitations or WQBELs? If you made that determination, which type(s) of non-stormwater discharges in Part III.A.2.b were sources of pollutants? [III.A.4.d]

No exceedance of pollutants to receiving waters.

- 4.3 State when the non-stormwater outfall-based screening and monitoring program will be (or was) re-assessed. If applicable, describe any changes to program (the program must be re-assessed once during the permit term) [Attachment E – IX.B.2].

No changes to non-stormwater outfall based screening and monitoring program.

² "Significant Non-Storm Water Discharges" as identified by the Permittee per Part IX.C.1 of the MRP

³ "Allowable Sources" include NPDES permitted discharges, discharges subject to a Record of Decisions approved by USEPA pursuant to section 121 of CERCLA, conditionally exempt essential non-storm water discharges, and natural flows as defined in Part III.A.d of the permit.

4.4 Additional Information. If desired, provide additional information regarding Non-Stormwater Outfall Screening and Monitoring:

N/A.

5. Minimum Control Measures

Complete the following items in this section.

5.1 Public Information and Participation Program [VI.D.5]

Complete the following item regarding the Public Information and Participation Program.

- 5.1a) Summarize stormwater pollution prevention public service announcements and advertising campaigns. What pollutants were targeted? What audiences were targeted? Note whether activities were performed by the jurisdiction or as part of a watershed, regional, or county-wide group.

Stormwater pollution prevention service announcements are posted on the City's website, recreation brochures, newsletter, community events, flyers, workshops, and school events/clubs. Pollutants targeted include but not limited to fats, oil, grease, fertilizers, pesticides, paint, pet waste, construction debris, and trash. Audiences targeted include but not limited to residents, community events, schools, city staff, and contractors. The activities were performed by the City staff.

- 5.1b) Which of the following public education materials did you distribute? (check yes or no)

	Yes	No
Information on the proper handling (i.e., disposal, storage and/or use) of vehicle waste fluids?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Household waste materials (i.e., trash and household hazardous waste, including personal care products and pharmaceuticals)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Construction waste materials?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pesticides and fertilizers (including integrated pest management practices [IPM] to promote reduced use of pesticides)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Green waste (including lawn clippings and leaves)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Animal wastes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- 5.1c) Did you distribute activity specific stormwater pollution prevention public education materials at the following points of purchase? If yes, provide the number of points of purchase within each category (if available).

Category	Yes	No	Number of Points of Purchase
Automotive Part Stores	<input checked="" type="checkbox"/>	<input type="checkbox"/>	10
Home Improvement Centers, Lumber Yards, Hardware Stores, Paint Stores	<input type="checkbox"/>	<input checked="" type="checkbox"/>	N/A
Landscaping, Gardening Centers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1
Pet Shops, Feed Stores	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1

- 5.1d) Did you maintain stormwater websites or provide links to stormwater websites via your website, which included educational material and opportunities for the public to participate in stormwater pollution prevention and clean-up activities listed in Part VI.D.4? Provide links to the stormwater websites that you maintained and/or the location on your website where you provide links to stormwater websites.

Yes. <http://www.cityofwalnut.org/for-residents/city-services/go-green-with-walnut/storm-water-pollution-prevention>

- 5.1e) Did you provide materials to educate school children (K-12) on stormwater pollution?

Yes.

- 5.1f) Additional Information. If desired, provide additional information regarding implementation of the Public Information and Participation Program:

Four (4) additional pet waste stations added to various trails around the City this reporting year.

5.2 Industrial and Commercial Facilities Program [VI.D.6]

Complete the following items regarding the Industrial and Commercial Facilities Program.

5.2a) Watershed-Based Inventory:

	Yes	No
Did you maintain and update a watershed-based inventory or database containing the latitude / longitude coordinates of all industrial and commercial facilities within your jurisdiction that are critical sources ⁴ of stormwater pollution?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

5.2b) Commercial Facilities:

Question	Response
Number of Critical Commercial Sources⁵: How many critical commercial sources are within your jurisdiction (as of the end of the reporting year)?	721
Number of Facility Inspections Conducted during the Reporting Year: How many inspections of commercial facilities were conducted during the reporting year?	None. The City had conducted the two (2) mandatory compliance inspections within the 5-year term of the MS4 Order.
First Round of Mandatory Compliance Inspections⁶: Did you complete a first round of mandatory compliance inspections of all commercial facilities identified in Part VI.D.6.d of the permit by 12/28/2014 ⁷ ? (Yes/No)	Yes
Second Round of Mandatory Compliance Inspections: Describe your progress on the second round of mandatory compliance inspections of all commercial facilities identified in Part VI.D.6.d of the permit. (To be completed by 12/28/2017.)	Completed

⁴ Part VI.D.6.b.i of the LA County MS4 Permit summarizes "critical sources" to be tracked

⁵ Part VI.D.6.b.i of the LA County MS4 Permit summarizes "critical sources" to be tracked

⁶ Permittees are required to inspect all commercial facilities identified in Part VI.D.6.b of the permit twice during the 5-year permit term, provided that the first mandatory compliance inspection occurs no later than 2 years after the effective date of the permit. A minimum interval of 6 months between the first and the second mandatory compliance inspection is required.

⁷ Permit effective date = December 28, 2012

5.2c) Industrial Facilities:

Question	Response
Number of Critical Industrial Sources: How many critical industrial sources are within your jurisdiction (as of the end of the reporting year)?	None. There are no industrial facilities in the City of Walnut.
Number of Facility Inspections Conducted during the Reporting Year: How many inspections of industrial facilities were conducted during the reporting year?	None. There are no industrial facilities in the City of Walnut.
First Round of Mandatory Compliance Inspections⁸: Did you complete a first round of mandatory compliance inspections of all industrial facilities identified in Part VI.D.6.d of the permit by 12/28/2014? (Yes/No)	N/A. There are no industrial facilities in the City of Walnut.
Second Round of Mandatory Compliance Inspections: Describe your progress on the second round of mandatory compliance inspections of all industrial facilities that did not file a No Exposure Certification. (To be completed by 12/28/2017.)	N/A. There are no industrial facilities in the City of Walnut.
No Exposure Verification Inspections⁹: Describe your progress on performing a second mandatory compliance inspection at a minimum of 25% of facilities identified to have a filed a No Exposure Certification.	N/A

5.2d) Enforcement Actions: Describe the number and nature of any enforcement actions taken related to the industrial and commercial facilities program.

No enforcement actions taken related to the industrial and commercial facilities program.

5.2e) Additional Information. If desired, provide additional information regarding implementation of the Industrial and Commercial Facilities Program.

N/A.

5.3 Planning and Land Development Program [VI.D.7 and Attachment E-XVIII]

Complete the following items regarding the Planning and Land Development Program.

⁸ Permittees are required to perform an initial mandatory compliance inspection at all industrial facilities identified in Part VI.D.6.b no later than 2 years after the effective date of the permit. After the initial inspection, all facilities that have not filed a No Exposure Certification with the State Water Board are subject to a second mandatory compliance inspection. A minimum interval of 6 months between the first and second mandatory compliance inspection is required.

⁹ Approximately 3 to 4 years after the effective of the permit, each Permittee shall evaluate its inventory of industrial facilities and perform a second mandatory compliance inspection at a minimum of 25% of the facilities identified to have filed a No Exposure Certification. The purpose of this inspection is to verify the continuity of the non exposure status.

5.3a) New Development Projects: Complete the table below for projects completed during the reporting year.

Table 5a: Summary of New Development Projects Subject to Implementation of Post-Construction Controls				
Receiving Water and/or WMP/EWMP	Number of Projects Completed Using On-Site Retention¹⁰	Number of Projects Completed Using Alternative Compliance Measures¹¹	Total Drainage Area of Projects [acres]	Total Storm Water Quality Design Volume (SWQDv) [acre-feet]¹²
San Jose Creek	0	N/A	N/A	N/A
Walnut Creek Wash	0	N/A	N/A	N/A

5.3b) Redevelopment Projects: Complete the table below for projects completed during the reporting year.

Table 5b: Summary of Redevelopment Projects Subject to Implementation of Post-Construction Controls				
Receiving Water and/or WMP/EWMP	Number of Projects Completed Using On-Site Retention	Number of Projects Completed Using Alternative Compliance Measures	Total Drainage Area of Projects [acres]	Total Storm Water Quality Design Volume (SWQDv) [acre-feet]
San Jose Creek	N/A	N/A	N/A	N/A
Walnut Creek Wash	N/A	N/A	N/A	N/A

5.3c) Planning and Land Development Efforts beyond Permit Requirements: If applicable, describe Planning and Land Development activities that went above and beyond the permit requirements (e.g. stricter LID ordinance, small-site LID).

The City of Walnut Planning and Land Development program conforms to the requirements set in the MS4 permit.

5.3d) Summary of New and Redevelopment Projects using Alternative Compliance Measures: Complete the table below for projects completed during the reporting year.

¹⁰ "Number of Projects Completed" should only include projects that are completed and signed off by the Permittee during the reporting year. In progress projects that have been issued a permit, but are not completed should not be included.

¹¹ "Alternative Compliance Measures" refer to the mitigation options listed in Part VI.D.7 of the permit. These options include: on-site biofiltration, offsite infiltration, groundwater replenishment projects, offsite retrofits of existing developments, and areas covered by a regional storm water mitigation program.

¹² "Total Storm Water Quality Design Volume (SWQDv)" should also include the SWQDv which would have been achieved on-site for projects completed using alternative compliance measures.

Table 5c: Summary of Alternative Compliance Measures for Development/Redevelopment Projects (where onsite retention of the SWQDv is infeasible)					
Category ¹³	Number of Projects Completed Utilizing Alternative Compliance Method	Area Addressed by Projects [acres]	Total Design Retention Volume of Projects ¹⁴ [acre-feet]	Total Design Biofiltration Volume of Projects ¹⁵ [acre-feet]	Total SWQDv Which Would Have Been Achieved by Retaining SWQDv on-site [acre-feet]
Onsite Biofiltration	N/A	NA	N/A	N/A	N/A
Offsite Infiltration	N/A	N/A	N/A	N/A	N/A
Ground Water Replenishment Projects	N/A	N/A	N/A	N/A	N/A
Offsite Project – Retrofit Existing Development	N/A	N/A	N/A	N/A	N/A
Regional Storm Water Mitigation Program ¹⁶	N/A	N/A	N/A	N/A	N/A
TOTAL	N/A	N/A	N/A	N/A	N/A

5.3e) Alternative Compliance Measures – Regional Storm Water Mitigation Program [VI.D.7.c.vi]: If applicable, complete the table below.

Table 5d: Alternative Compliance Measures – Regional Storm Water Mitigation Program				
Mitigation Program	Receiving Water and/or WMP/EWMP	Date Program Approved by Regional Water Board	Area Addressed by Mitigation Program [acres]	Cumulative Number of New and Redevelopment Projects Addressed by Project since Program Approval
Mitigation Project 1	N/A	N/A	N/A	N/A

¹³ Alternative Compliance Measures refer only to the alternative measures used to comply with Planning and Land Development Program requirements as described in Part VI.D.7.c.iii.(1)-(7)

¹⁴ Design Retention Volume should correspond to the sum of the mitigation volume (Mv) and the volume of stormwater runoff reliably retained on-site (Rv) as noted in Equation 2 of Part VI.D.7.c.iii.(2).(c) and Part VI.D.7.c.iii.(3).(c) of the permit.

¹⁵ Design Biofiltration Volume should correspond to the biofiltration volume (Bv) noted in Equation 1 of Part VI.D.7.c.iii.(1).(a) of the permit.

¹⁶ "Regional Storm Water Mitigation Program" is only applicable where the Permittee (or Permittee Group) has received approval of such a program from the Regional Water Board. If a Permittee intends to use regional projects in an approved WMP or EWMP as the basis of a Regional Storm Water Mitigation Program, the Permittee must still receive approval of the program from the Regional Water Board.

- 5.3f) Alternative Compliance Measures – Pending Offsite Projects¹⁷ [VI.D.7.c.iii.(5).(f)]: If applicable, complete the table below.

Table 5e: Alternative Compliance Measures – Offsite Projects					
Pending Offsite Project	Location	General Design Concept	Volume of Water Expected to be Retained [acre-feet]	Total Estimated Budget	Total Project Funds Raised to Date
Pending Offsite Project 1	N/A	N/A	N/A	N/A	N/A

- 5.3g) Control Measures for Projects Greater than 50 Acres [Attachment E – XVIII.A.6.e]: If applicable, provide a detailed description of control measures to be applied to new development or redevelopment projects disturbing more than 50 acres.

All new development and redevelopment projects are subjected to storm water pollution requirements detailed in the City's LID ordinance, which conforms to the MS4 Permit requirements. Much of the City of Walnut is already built out with single family residential development. Remaining development opportunities that may disturb 50 acres or more are required to conform to the current City Planning and Land Development Program. The program requires that impacts from new or re-development project to water quality are minimized, including but not limited to retention of all storm water resulting from specified rain events and implementing BMP's sized to capture / treat applicable design storms.

- 5.3h) Enforcement Actions: Describe the number and nature of any enforcement actions taken related to the planning and land development program.

No enforcement actions were taken related to the planning and land development program.

- 5.3i) Additional Information. If desired, provide additional information regarding implementation of the Planning and Land Development Program.

N/A.

5.4 Development Construction Program [VI.D.8]

Complete the following items regarding the Development Construction Program.

- 5.4a) Answer the following questions regarding your Development Construction Program:

	Yes	No
For construction sites 1 acre or greater, did you use an electronic system to inventory grading permits, encroachment permits, demolition permits, building permits, or construction permits (and any other municipal authorization to move soil and/ or construct or destruct that involves land disturbance) that you issued?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
For construction sites 1 acre or greater, did you use procedures to review and approve an ESCP (or a SWPPP prepared in accordance with the requirements of the Construction General Permit) that contains appropriate site-specific construction site BMPs that meet the minimum requirements of a Permittee's erosion and sediment control ordinance?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
For construction sites 1 acre or greater, did you track the date that you approved the Erosion and Sediment Control Plans (ESCP) or CGP SWPPPs for new sites permitted and sites completed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

¹⁷ "Offsite projects" refers only to offsite projects being used as an alternative compliance measure for development/redevelopment project applicants that have demonstrated technical infeasibility for on-site retention of the SWQDv. This does not include on-site biofiltration, however it does include off-site biofiltration projects.

For construction sites less than 1 acre, did you require the implementation of an effective combination of erosion and sediment control BMPs from Table 12 of the LA County MS4 Permit to prevent erosion and sediment loss, and the discharge of construction wastes through the use of the Permittee's erosion and sediment control ordinance or building permit?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Did you ensure that all staff whose primary job duties are related to implementing the construction stormwater program is adequately trained? [VI.D.8.I]	<input checked="" type="checkbox"/>	<input type="checkbox"/>

5.4b) Permits and Inspections: Complete the table below. Only report numbers for sites 1 acre or greater in area.

Table 5f. Construction Site Inspections for Construction Sites ≥ 1 Acre	
How many building/grading permits were issued to construction sites during the reporting year?	0
How many Erosion and Sediment Control Plans (ESCPs) did you approve during the reporting year?	0
How many inspections of construction sites were conducted during the reporting year?	78
How many final landscaping/site stabilization inspections (to ensure that all graded areas have reached final stabilization and that all trash, debris, and construction materials, and temporary erosion and sediment BMPs are removed) were conducted during the reporting year?	0

5.4c) Enforcement Actions: Describe the number and nature of any enforcement actions taken related to the development construction program.

No enforcement actions were taken related to the development construction program.

5.4d) Additional Information. If desired, provide additional information regarding implementation of the Development Construction Program.

N/A.

5.5 Public Agency Activities Program [VI.D.9]

Complete the following items regarding the Public Agency Activities Program.

5.5a) Answer the following questions regarding the Public Agency Activities Program:

	Yes	No
Did you maintain an updated inventory of all Permittee-owned or operated (i.e., public) facilities within your jurisdiction that are potential sources of stormwater pollution?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Did you develop an inventory of retrofitting opportunities that meets the requirements of Part VI.D.9.d. of the LA MS4 Permit?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Were all Permittee-owned parking lots exposed to stormwater cleaned at least once per month?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Did you ensure effective source control BMPs for the activities listed in Table 18 of the Permit were implemented at Permittee-owned or operated facilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Did you ensure employees in targeted positions (whose interactions, jobs, and activities affect stormwater quality) were trained on the requirements of the overall stormwater management program, and contractors performing privatized/contracted municipal services were appropriately trained	<input checked="" type="checkbox"/>	<input type="checkbox"/>

5.5b) Street Sweeping: Complete the table below.

Table 5g. Summary of Street Sweeping Activities				
	Total Miles of Street ¹⁸	Total Curb Miles of Street	Frequency of Street Sweeping	Additional Notes
Priority A (greater than once per month)	N/A	N/A	N/A	N/A
Priority B (once per month)	N/A	N/A	N/A	N/A
Priority C (as needed, once per year minimum)	91	182	Bi-weekly	N/A

5.6 Illicit Connections and Illicit Discharges Elimination Program [VI.D.10]

Complete the following items regarding the Illicit Connections and Illicit Discharges Elimination Program.

5.6a) IC/ID Investigations: Complete the following table¹⁹

Table 5h. IC/ID Investigations				
	Number of Reported Illicit Discharges or Connections	Number of Investigations	Number Eliminated	Number Permitted or Documented
Illicit Discharges	None Reported	N/A	N/A	N/A
Illicit Connections	None Reported	N/A	N/A	N/A

5.6b) Enforcement Actions: Describe the number and nature of any enforcement actions taken related to the illicit connections and illicit discharges elimination program.

No enforcement actions were taken related to the planning and land development program.

5.6c) Answer the following questions regarding Public Hotline and Training [VI.D.10.d and VI.D.10.f]

	Yes	No
Did you maintain or provide access to a hotline to enable the public to report illicit discharges/connections?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Did you continue to implement a training program regarding the identification of IC/IDs for all municipal field staff, who, as part of their normal job responsibilities (e.g., street sweeping, storm drain maintenance, collection system maintenance, road maintenance), may come into contact with or otherwise observe an illicit discharge or illicit connection to the MS4?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

5.6d) Additional Information. If desired, provide additional information regarding implementation of the Illicit Connections and Illicit Discharges Elimination Program.

N/A.

¹⁸ Permittee may report the length of street swept in "total miles of street" and/or "total curb miles," depending on availability.

¹⁹ Illicit discharges and connections detected through other inspection programs should be included.

6. Stormwater Control Measures Summary

Complete the following items in this section.

If the information on stormwater control measure implementation requested in the following section will be included in a Watershed Form submitted by the Permittee, the Permittee may reference the Watershed Form and skip those items.

Aside from the calculation of *Effective Impervious Area (Section 6.1)* and the *Summary of Projects that Retain Runoff (Section 6.2)*, items in this section cover projects that are not part of the Planning and Land Development Program.

The tables within this section outline minimum information for reporting. The Permittee may reformat the sections regarding projects completed in the reporting year to include additional project descriptions and information (e.g. pictures, maps, funding information, etc.).

If any of the requested information cannot be obtained, please note in [Section 11](#).

- 6.1 Effective Impervious Area and 85th Percentile, 24-Hour Runoff Volume [Attachment E, XVIII.A.1] (if available):
Summarize the estimated cumulative change in percent EIA since the effective date of the Permit (i.e. 12/28/2012) for the entire area covered by the WMP/EWMP and, if possible, the estimated change in the stormwater runoff volume during the 85th percentile, 24-hour storm event for the entire area covered by the WMP/EWMP.

No cumulative change in percent EIA since the effective date of the Permit.

- 6.2 Summary of Projects that Retain Runoff (including New and Redevelopment Projects): Complete the summary tables below.

Table 6a: Summary of Projects that Retain Runoff Completed in the Reporting Year				
Receiving Water and/or WMP/EWMP Group	Number of New Development/Re-development Projects Completed in Reporting Year	Number of Other Projects Designed to Intercept Runoff Completed in Reporting Year	Area Addressed by Projects [acres]	Total BMP Retention Capacity of Projects [acre-feet]
<i>San Jose Creek</i>	0	0	0	0
<i>Walnut Creek Wash</i>	0	0	0	0
TOTAL	0	0	0	0

Table 6b: Cumulative Summary of Projects that Retain Runoff Completed since the Permit Effective Date					
Receiving Water and/or WMP/EWMP Group	Number of New Development/Re-development Projects Completed Since 12/28/2012	Number of Other Projects Designed to Intercept Runoff Completed Since 12/28/2012	Area Addressed by Projects [acres]	Total BMP Retention Capacity of Projects Completed Since 12/28/2012 [acre-feet]	Est. Total Runoff Volume Retained Onsite for the Reporting Year [acre-feet]
<i>San Jose Creek</i>	3	0	18.57	0.79	5.08
<i>Walnut Creek Wash</i>	0	0	0	0	0
TOTAL	3	0	18.57	0.79	5.08

- 6.3 Projects Designed to Intercept Stormwater Runoff Completed during the Reporting Year (excluding New Development and Redevelopment Projects): Complete the table below for projects designed to intercept stormwater runoff completed

in the reporting year. If needed, information unsuitable for the table or additional information on projects may be provided in the space below table.

Table 6c: Projects Designed to Intercept Runoff Completed in the Reporting Year						
Receiving Water and/or WMP/EWMP Group	Name of Project(s)	Type of Project	Completion Date	Length (if Green Street) [miles]	Drainage Area of Project [acres]	Total BMP Retention Capacity ²⁰ [acre-feet]
N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A

N/A.

6.4 Riparian Buffer and Wetland Restoration Projects: Complete the table below for any riparian buffer or wetland restoration projects completed in the reporting year.

Table 6d: Riparian Buffer/Wetland Restoration Projects Completed			
Receiving Water and/or WMP/EWMP Group	Name of Project	Completion Date	Description of Project ²¹
San Jose Creek	N/A	N/A	N/A

6.5 Status of Multi-Year Efforts [Attachment E, Part XVIII.A.1.i]: Provide the status of multi-year efforts, including TMDL implementation (not including Trash TMDLs) that were not completed in the current year and will continue into the subsequent year(s).

For multi-year efforts, report on progress towards future milestones related to multi-year projects. Include the status of the project, which includes the status with regard to standard project implementation steps. These steps include, but are not limited to, adopted or potential future changes to municipal ordinances to implement the project, site selection, environmental review and permitting, project design, acquisition of grant or loan funding and/or municipal approval of project funding, contractor selection, construction schedule, start-up, and effectiveness evaluation (once operational), where applicable.

If applicable, for green streets implementation, Permittees shall report on progress toward a structured approach identifying a sufficient number of green streets projects to meet compliance milestones (e.g., a green streets master plan).

Also, include the following information:

- Name
- Receiving Water
- Project Type
- Location / Latitude and Longitude
- Permittee(s) Involved
- Status
- Expected Completion Date

²⁰ If project not designed to retain stormwater, mark "N/A."

²¹ For riparian buffer projects include width, length and vegetation type; for wetland restoration projects include acres restored, enhanced or created

For the 17/18 year, the City continued to capture dry and wet weather samples as part of the MS4 requirements. As more data becomes available, the City will continue to examine locations to best apply the first green street project. The City's public BMP / Green Street program is set to have design complete by December 31, 2018.

6.6 Effectiveness Assessment of Stormwater Control Measures [Attachment E – XVIII.A.2]: Provide the following:

- An assessment as to whether the quality of stormwater discharges as measured at designated outfalls is improving, staying the same or declining;
- An assessment as to whether wet-weather receiving water quality within the jurisdiction of the Permittee is improving, staying the same or declining, when normalized for variations in rainfall patterns.

Based on monitoring reports for the current reporting year, quality of stormwater discharges as measured at designated outfalls has improved. Improvements have also shown for the wet weather receiving water quality within the jurisdiction of the Permittee.

6.7 Integrated Monitoring Compliance Report, Stormwater Control Measures [Attachment E – XVIII.A.5.d]: Provide a description of efforts that were taken to address stormwater discharges that exceeded one or more applicable water quality based effluent limitation, or caused or contributed to aquatic toxicity:

In previous reporting year, the City made notice to a potential point source contributing to the elevated levels found for bacteria at one of the receiving water locations. After the notice was made, a downward trend of the elevated levels of bacteria was discovered.

6.8 Additional Information (optional): If available, the Permittee may include / attach the following items to their report:

- Hydrographs and Flow Data: Hydrographs or flow data of pre- and post-control activity for the 85th percentile, 24-hour rain event, if control measures were designed to reduce impervious cover or stormwater peak flow and flow duration.
- Reference Watershed Flow Duration Curves: For natural drainage systems, develop a reference watershed flow duration curve and compare it to a flow duration curve for the subwatershed under current conditions.
- GIS Project Files: If available, submit a GIS project file that maps all implementation of on-the-ground projects (e.g. riparian buffer/wetland restoration; distributed/green streets; regional projects; new development and redevelopment on-site; and new development and redevelopment off-site).

N/A.

7. Non-Stormwater Control Measures Summary

Complete the following items in this section.

- 7.1 Provide a description of efforts that were taken to mitigate and/or eliminate all non-stormwater discharges that exceeded one or more applicable water quality based effluent limitations, non-stormwater action levels, or caused or contributed to Aquatic Toxicity [Attachment E – XVIII.A.5.c]:

All of the City's outfalls were screened for the presence of dry weather flows. Of the 26 locations inspected three were found to have dry weather flows greater than a hose. Efforts to eliminate these dry weather flows is monitored on a continuous basis.

- 7.2 Provide the status of multi-year efforts, including TMDL implementation, related to the implementation or effectiveness assessment of non-stormwater control measures, that were not completed in the current year and will continue into the subsequent year(s) [Attachment E – XVIII.A.3.h]:

The City continues to implement and execute the WMP and IMP. Continued tailoring of MCM programs is expected moving towards the future. As monitoring data is gathered a better assessment of where the City will focus it's TMDL compliance efforts and structural BMP's. The WMP Planning and Land Development Program is in place and will be maintained.

- 7.3 Provide an assessment of the effectiveness of the Permittee control measures in effectively prohibiting non-stormwater discharges through the MS4 to the receiving water [Attachment E – XVIII.A.4.b]:

Spring water is known to exist in the City's two soft bottom streams at this time the presence or source of non-storm water is still to be determined. The City has a number of ordinances, MCM and educational programs focused on preventing non storm water discharges.

- 7.4 Provide an assessment as to whether the quality of non-stormwater discharges as measured at monitored outfalls is improving, staying the same or declining:

Results from the monitoring samples yielded water quality results similar to what was anticipated by the WMP RAA Models. Based on recent monitoring data results, the quality of non-stormwater discharges as measured at monitored outfalls are showing improvements.

- 7.5 Provide an assessment as to whether receiving water quality within the jurisdiction of the Permittee is impaired, improving, staying the same or declining during dry-weather conditions. Each Permittee may compare water quality data from the reporting year to previous years with similar dry-weather flows, conduct trends analysis, draw from regional bioassessment studies, or use other means to develop and support its conclusions [Attachment E, Part XVIII.A.4.a]:

Results from the initial monitoring samples yielded water quality results similar to what was anticipated by the WMP RAA Models. Based on recent monitoring data results, the quality of receiving water within the jurisdiction of the Permittee as measured at monitored outfalls are showing improvements.

- 7.6 Describe sources of significant non-stormwater discharges determined to be a NPDES permitted discharge, a discharge subject to A Record of Decision approved by USEPA pursuant to section 121 of CERCLA, a conditional exempt essential non-stormwater discharge, or entirely comprised of natural flows. [Attachment E – IX.F.2]

No source of significant non-storm water discharge has been identified during this reporting year.

8. TMDL Reporting

Complete the following items in this section.

8.1 Trash TMDL Compliance Report [VI.E.5.c.i]

For Permittees subject to Trash TMDLs, attach a Trash TMDL compliance report for each applicable Trash TMDL detailing compliance with applicable interim and/or final effluent limitations. Indicate if compliance is being achieved through (1) full capture systems; (2) partial capture devices and/or institutional controls; (3) combined compliance approaches; (4) minimum frequency of assessment and collection (MFAC); or (5) an alternative compliance option.

8.2 TMDL Reporting [Attachment E, XIX]

Report on progress towards achieving interim or final milestones/WQBELs/RWLs based on applicable compliance schedules in Attachments L-R and any additional milestones and corresponding deadlines in an approved WMP/EWMP. If this information is reported in another document (e.g. Annual Report Watershed Form) or an attachment, clearly state and provide a reference to the pertinent document and section.

Efforts to maintain interim TMDL compliance are ongoing. Table 5-3 of the City's WMP outlines the City's Green Streets Program Project schedules. Table 6-1 of the City's WMP defines the Compliance Schedule for applicable TMDL and 303(d) listed pollutants.

9. WMP/EWMP Schedules and Implementation (If Applicable)

If you are participating in a WMP or EWMP and are reporting on your Adaptive Management Process for this reporting year, complete the following items in this section.

If the requested information will be included in a Watershed Form to be submitted, you may reference the Watershed Form and skip the corresponding item.

- 9.1 (If applicable) Provide comparison of control measures completed to date with control measures projected to be completed to date in the Permittee's jurisdictional area. List control measures projected to be completed within the next two years and the projected completion dates, as well as the status of implementation and funding. This also includes additional "enhanced" MCMs, institutional controls, and nonstructural BMPs that are not part of the permit's minimum control measures. [*Watershed Management Program Adaptive Management Process (VI.C.8.a)*]:

Table 9a: WMP/EWMP Schedules				
Control Measure	Projected Completion Date	Actual Completion Date	Status of Implementation	Status of Funding
Green Street Project 1 - Design	12/31/18	TBD	Early Project Planning	TBD

- 9.2 (If applicable) Describe any modifications, including where appropriate new compliance deadlines and interim milestones, with the exception of those compliance deadlines established in a TMDL, necessary to improve the effectiveness of the WMP/EWMP:

None.

10. Watershed Hydrology

Complete the following items in this section.

If the information on watershed hydrology requested in the following section is included in a Watershed Form or was previously included in a WMP or EWMP, you may simply reference those documents.

10.1 (If Applicable) Watershed Summary Information, Organization, and Content: Provide the information below in the odd year Annual Report (e.g., Year 1, 3, 5)²², or any updates to the information below if previously provided. The requested information shall be provided for each watershed within the Permittee's jurisdiction [*Attachment E – XVII*]:

Provide the following information related to the Watershed Management Area:

- 1) Description of effective TMDLs, applicable WQBELs, receiving water limitations, implementation and reporting requirements, and compliance dates;
- 2) List of CWA Section 303(d) listings not addressed by TMDLs.
- 3) Results of regional bioassessment monitoring. (If applicable, a reference to the SMC will suffice here.)
- 4) Description of known hydromodification effects to receiving waters.
- 5) Description and location of natural drainage systems.
- 6) Description of groundwater recharge areas, including number and acres.
- 7) Maps and/or aerial photographs identifying ESAs, ASBS, natural drainage systems, and groundwater recharge areas.

The information requested in this section is provided in the City of Walnut's WMP. E Coli was previously a Category 2 Pollutant in previous reporting year, but is a Category 1 due to the TMDL status change.

Provide the following information related to the Subwatershed (HUC-12):

- 1) Description including HUC-12 number, name and a list of all tributaries named in the Basin Plan.
- 2) Land Use map of the HUC-12 subwatershed.
- 3) 85th percentile, 24-hour rainfall isohyetal map for the subwatershed.
- 4) One-year, one-hour storm intensity isohyetal map for the subwatershed.
- 5) MS4 map for the subwatershed, including major MS4 outfalls and all low flow diversions.

The information requested in this section is provided in the City of Walnut's WMP.

Provide the following information related to the Permittee(s) Drainage Area(s) within the Subwatershed:

- 1) A subwatershed map depicting the Permittee(s) jurisdictional area and the MS4, including major outfalls (with identification numbers), and low flow diversions (with identifying names or numbers) located, within the Permittee's jurisdiction.
- 2) Provide the estimated baseline percent of effective impervious area (EIA) within the Permittee(s) jurisdictional area as existed at the time that this Order became effective and, if possible, the estimated change in the stormwater runoff volume during the 85th percentile, 24-hour storm event.

The information requested in this section is provided in the City of Walnut's WMP.

10.2 Rainfall Summary: Provide a rainfall summary for the reporting year including: (1) A summary of the number of storm events; (2) The highest volume event (inches/24 hours); (3) The highest number of consecutive days with measureable rainfall; and (4) The total rainfall during the reporting year compared to average annual rainfall for the subwatershed [*Attachment E – XVIII.A.2*]:

- 1) 10 storm events
- 2) 1.3 inches
- 3) 2 Consecutive Days
- 4) 5.46 inches Local Rain Gauge; 11.01 inches Avg Annual Rain Fall

10.3 SW Monitoring Event Summary: Provide a summary table describing rainfall during stormwater outfall and wet-weather receiving water monitoring events. The summary description shall include the date, time that the storm commenced

²² Year 1 = 2012-13 Annual Report; Year 2 = 13-14; Year 3 = 14-15; Year 4 = 15-16; Year 5 = 16-17;...

and the storm duration in hours, the highest 15-minute recorded storm intensity (converted to inches/hour), the total storm volume (inches), and the time between the storm event sampled and the end of the previous storm event.

Table 10a: Summary of Stormwater Outfall and Wet Weather Receiving Water Monitoring Events						
Event	Date	Storm Start Time	Storm Duration [hours]	Highest Storm Intensity - 15min [in/hr]	Total Storm Volume [inches]	Span Between Sample Event and Previous Storm Event [hours]
Event 1	1/8/18	4:00 AM	14	0.32	1.07	8,712
Event 2	3/2/18	9:00 AM	12	0.05	0.40	1,248
Event 3	3/21/18	8:00 AM	16	0.08	0.55	456

11. Additional Information (Optional)

Provide any additional information in this section.

You may use this section to report any additional information not specified in the Individual Permittee Report Form; information in the Individual Form that is better presented outside of the report form structure; and/or data limitations that prevented requested information from being obtained.

You may also provide an additional detailed summary table describing control measures that are not otherwise described in the reporting requirements.

Reference to Table 10a Summary of Stormwater Outfall and Wet Weather Receiving Water Monitoring Events. The City monitored and sampled on Event 3 dated 3/21/18, however lab error produced unreportable test results. No opportunities were feasible following this to capture the next wet weather event due to the below average annual rainfall season.