



California Regional Water Quality Control Board

Los Angeles Region



Recipient of the 2001 *Environmental Leadership Award* from Keep California Beautiful

Alan C. Lloyd, Ph.D.
Agency Secretary

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Phone (213) 576-6600 FAX (213) 576-6640 - Internet Address: <http://www.waterboards.ca.gov/losangeles>

Arnold Schwarzenegger
Governor

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) REQUIREMENTS

The California Regional Water Quality Control Board, Los Angeles Region (hereinafter referred to as the Regional Board) is the Lead Agency for evaluating the environmental impacts of the proposed amendment to the *Water Quality Control Plan for the Los Angeles Region* (Basin Plan). The proposed amendment incorporates a Total Maximum Daily Load (TMDL) for toxic pollutants in sediment and fish tissue for Marina del Rey Harbor. The Secretary of Resources has certified the basin planning process as exempt from certain requirements of the California Environmental Quality Act (CEQA), including preparation of an initial study, negative declaration, and environmental impact report (California Code of Regulations, Title 14, Section 15251(g)). As the proposed amendment to the Basin Plan is part of the basin planning process, the environmental information developed for and included with the amendment is considered a substitute to an initial study, negative declaration, and/or environmental impact report.

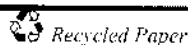
The "certified regulatory program" of the Regional Board, however, must satisfy the documentation requirements of California Code of Regulations, Title 23, Section 3777(a) which requires the following:

- A written report providing:
 - a description of the proposed activity;
 - reasonable alternatives to the proposed activity; and
 - mitigation measures to minimize any significant adverse impacts.
- A completed environmental checklist as approved by the Resources Agency

The attached checklist and the staff report for the TMDL for Toxic Pollutants in Sediment and Fish Tissue for Marina del Rey Harbor fulfill the requirements of Section 3777, Subdivision (a). In preparing these CEQA substitute documents, the Regional Board has considered the requirements of Public Resources Code section 21159 and California Code of Regulations, title 14, section 15187, and intends these documents to serve as a tier 1 environmental review.

Any potential environmental impacts associated with the TMDL depend upon the specific compliance projects selected by dischargers, many of whom are public agencies with their own CEQA obligations. (See Pub. Res. Code § 21159.2.) If not properly mitigated at the project level, there could be adverse environmental impacts. The CEQA substitute documents identify broad mitigation approaches that should be considered at the project level. Consistent with CEQA, the substitute documents do not engage in speculation or conjecture and only consider the reasonably foreseeable environmental impacts of the methods of compliance, the reasonably foreseeable feasible mitigation measures, and the reasonably foreseeable alternative means of compliance, which would avoid, eliminate, or reduce the identified impacts. The Regional Board recognizes that there may be project-level impacts that the local public agencies may determine are not feasible to mitigate. To the extent the alternatives, mitigation measures, or both, are not deemed feasible by those agencies, the necessity of implementing the federally required Toxics TMDL and removing the metals- and organic compounds-related toxicity impairment from the back basins of Marina del Rey Harbor (an action required to achieve the express, national policy of the Clean Water Act) outweigh the unavoidable adverse environmental effects.

California Environmental Protection Agency



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.



I. DESCRIPTION OF PROPOSED ACTIVITY

The Water Quality Control Plan for the Los Angeles Region (also known as a Basin Plan) designates beneficial uses of waterbodies, establishes water quality objectives for the protection of these beneficial uses, and outlines a plan of implementation for maintaining and enhancing water quality. The proposed amendment would incorporate into the Basin Plan a TMDL for toxicants in Marina del Rey.

The Regional Board has identified Marina del Rey Harbor as impaired due to copper, lead, zinc, chlordane, PCBs, fish consumption advisory, and sediment toxicity. The beneficial uses most likely to be impaired by these toxic pollutants are those associated with aquatic life, including wildlife habitat (WILD) and marine habitat (MAR). In addition, human beneficial uses impaired by the metals and organics are shellfish harvesting (SHELL), commercial and sport fishing (COMM), and water contact recreation (REC-1).

The Regional Board's goal in incorporating the TMDL is to protect and restore the overall water and sediment quality in Marina del Rey's back basins by controlling the loading of metals and organic compounds to the harbor. The adoption of a TMDL is not discretionary and is compelled by both section 303(d) of the federal Clean Water Act (33 USC 1313(d)) and by a federal consent decree.

The proposed TMDL sets numeric sediment quality targets based on the sediment quality guidelines compiled by the National Oceanic and Atmospheric Administration. The sediment quality guidelines are applicable numeric targets because the majority of impairments and 303(d) listings are based on sediment quality data. In addition, the pollutants being addressed have a high affinity for particles and the delivery of these pollutants is generally associated with the transport of suspended solids from the watershed or from sediments within the harbor. The Effects Range Low (ERLs) values, developed by Long et al. (1995¹), are established as the numeric targets in Marina del Rey Harbor. In addition, numeric water quality and fish tissue targets are set based on standards established by the California Toxics Rule (CTR), for the protection of aquatic life and human health, respectively. These CTR values are applicable as achieving these targets will address the fish tissue impairments.

The loading capacity of the harbor sediment was estimated from the annual average total suspended solids loading from stormwater discharged to Marina del Rey Harbor. This was translated to pollutant specific numbers for the maximum allowable annual load to the sediment, using the sediment targets for each pollutant. These pollutant-specific sediment loading capacities were divided into load allocations for non-point sources and wasteload allocations for point sources. A mass based allocation is proposed for direct atmospheric deposition. The load allocation is subtracted from the total allowable load to obtain the proposed stormwater allocation. A grouped mass-based waste load allocation is proposed for the storm water permittees (Los Angeles County MS4, Caltrans, General Industrial and General Construction). The stormwater allocation is divided among the MS4, Caltrans and general stormwater permittees based on the area covered by each type of permit in each watershed. Each individual storm water permit under the general construction and industrial stormwater permits will receive an individual waste load allocation based on the acreage of the individual construction or industrial facility. Concentration-based waste load allocations are developed for other point sources in the watershed. These waste load allocations are set

¹ Long, E.R., D.D. MacDonald, S.L. Smith, and F.L. Calder. 1995. Incidence of adverse biological effects within ranges of chemical concentrations in marine and estuarine sediments. *Environ. Manag.* 19(1): 81-97.

equal to the numeric limits to ensure that these sources do not contribute significant pollutant loading to the harbor.

The proposed implementation plan for point sources allows for separate implementation schedules for different point sources. It is proposed that the waste load allocations for the non-storm water NPDES permits (including minor and general permits) will be translated into permit limits upon their issuance, renewal, or re-opener. It is proposed that the minor NPDES, general non-storm water NPDES, and general industrial storm water permittees achieve the waste load allocations within seven years of the effective date of the TMDL. The construction industry is scheduled to achieve compliance with the waste load allocations within nine years of the effective date of the TMDL. The storm water permittees will employ an iterative best management practice (BMP) process, including BMP effectiveness monitoring, to achieve compliance with the waste load allocations. The proposed implementation schedule for the MS4 and Caltrans permittees consist of a phased approach, with compliance to be achieved in prescribed percentages of the watershed until 100% of the watershed meets the waste load allocations. It is proposed that the MS4 and Caltrans permittees will achieve compliance with their waste load allocations within 10 years of the effective date of the TMDL. The Regional Board may extend the allowable implementation schedule for the MS4 and Caltrans up to 15 years from the effective date of the TMDL if an integrated resources approach is employed.

The implementation plan for point source discharges includes an evaluation of a combination of non-structural and structural best management practices (BMPs) that could be used to achieve compliance with the municipal storm water waste load allocations, including an economic analysis for the suggested measures. Non-structural BMPs may include increased storm drain catch basin cleanings, improved street cleaning and educating industries of good housekeeping practices. Structural BMPs may include the installation of storm water treatment devices specifically designed to reduce pollutant loadings, such as infiltration trenches and sand or organic filters, at critical points in the storm water conveyance system. Such devices may also incorporate surge control, such as underground storage vaults or detention basins. The proposed TMDL also consists of a monitoring program to assess compliance with the waste load allocations.

II. GENERAL ENVIRONMENTAL COMMENTS

The detailed environmental setting and authority for the Marina del Rey Toxic Pollutants TMDL is set forth in the detailed technical report entitled "Total Maximum Daily Load for Toxic Pollutants in Marina del Rey Harbor." The report identifies the environmental setting and need for the project. In addition, the report identifies the reasonably foreseeable methods of compliance. As established in the technical report, response to comments, hearings, and the administrative record, there is no one-size-fits-all implementation strategy for dischargers. Individual dischargers will most likely opt for a mix of structural and non-structural BMPs to implement the TMDL.

The Regional Board has considered potential environmental impacts arising from the reasonably foreseeable means of compliance with the TMDL. (Pub. Res. Code, § 21159(a).) Many of these compliance approaches are already required under existing law. The elevated levels of pollutants in fish tissue and continued exceedance of sediment and water quality standards is itself an adverse environmental impact, as the receiving water will remain toxic to aquatic life during the implementation period for the TMDL. The TMDL authorizes the continued exceedance of the water and sediment

quality standards for up to 15 years; however, the Regional Board staff has determined that this amount of time is reasonable and as short as practicable to allow dischargers to implement a complex, yet efficient, mix of projects to comply with the waste load allocations. The adverse impacts of non-compliance with water and sediment quality standards are mitigated through a progressive reduction in the loading of toxic pollutants to Marina del Rey Harbor, and through a schedule that is reasonable and as short as practicable.

Based on information developed during the CEQA scoping process, the accompanying CEQA checklist identifies the reasonably foreseeable environmental impacts of the methods of compliance. (Pub. Res. Code, § 21159(a)(1).) This analysis is a program-level (i.e., macroscopic) analysis. CEQA does not require the Regional Board to conduct a project-level analysis of environmental impacts. (Pub. Res. Code, § 21159(d).) Similarly, the CEQA substitute documents do not engage in speculation or conjecture. (Pub. Res. Code, § 21159(a).) When the programmatic CEQA scoping identifies a potential environmental impact, the accompanying analysis identifies reasonably foreseeable feasible mitigation measures. (Pub. Res. Code, § 21151(a)(2).) Because dischargers will most likely use a combination of structural and non-structural BMPs, the CEQA substitute documents have identified the reasonably foreseeable alternative means of compliance. (Pub. Res. Code, § 21159(a)(3).)

The Dischargers are likely to use a dynamic combination of structural and non-structural BMPs that will vary from project to project. These project-level determinations could have environmental impacts if not properly mitigated at the project level. Project proponents will need to consider mitigation such as alternative siting, varying construction times for any projects requiring construction activities, and designing systems to minimize the potential for flooding. With respect to potential environmental impacts that may occur at the project level, the accompanying checklist identifies the types of mitigation that may be feasible. In the event that a specific BMP may have impacts that can not feasibly be mitigated, the project proponent may need to consider an alternative BMP or combination of BMPs to comply with the TMDL. Furthermore, to the extent the alternatives, mitigation measures, or both, are not deemed feasible by those agencies, the necessity of implementing the federally required toxic pollutants TMDL and removing the fish tissue and sediment toxicity impairment from Marina del Rey Harbor (an action required to achieve the express, national policy of the Clean Water Act) outweigh the unavoidable adverse environmental effects.



III. ENVIRONMENTAL CHECKLIST		
1.	Earth. Will the proposal result in:	
	a. Unstable earth conditions or in changes in geologic substructures?	No
	b. Disruptions, displacements, compaction or overcoming of the soil?	Maybe
	c. Change in topography or ground surface relief features?	No
	d. The destruction, covering or modification of any unique geologic or physical features?	No
	e. Any increase in wind or water erosion of soils, either on or off the site?	No
	f. Changes in deposition or erosion of beach sands, or changes in siltation, deposition or erosion which may modify the channel of a river or stream or the bed of the ocean or any bay, inlet or lake?	No
	g. Exposure of people or property to geologic hazards, such as earthquakes, landslides, mudslides, ground failure, or similar hazards?	No
2.	Air. Will the proposal result in:	
	a. Substantial air emissions or deterioration of ambient air quality?	Maybe
	b. The creation of objectionable odors?	No
	c. Alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally?	No
3.	Water. Will the proposal result in:	
	a. Changes in currents, or the course of direction or water movements, in either marine or fresh waters?	Maybe
	b. Changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff?	Yes
	c. Alterations to the course of flow of flood waters?	Maybe
	d. Change in the amount of surface water in any water body?	Maybe
	e. Discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen, or turbidity?	No
	f. Alteration of the direction or rate of flow of ground waters?	Maybe

III. ENVIRONMENTAL CHECKLIST		
	g. Change in the quantity or quality of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?	Maybe
	h. Substantial reduction in the amount of water otherwise available for public water supplies?	No
	i. Exposure of people or property to water related hazards such as flooding or tidal waves?	Maybe
4.	Plant Life. Will the proposal result in:	
	a. Change in the diversity of species, or number of any species of plants (including trees, shrubs, grass, crops, microflora and aquatic plants)?	No
	b. Reduction of the numbers of any unique, rare or endangered species of plants?	No
	c. Introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species?	No
	d. Reduction in acreage of any agricultural crop?	No
5.	Animal Life. Will the proposal result in:	
	a. Change in the diversity of species, or numbers of any species of animals (birds, land animals including reptiles, fish and shellfish, benthic organisms, insects or microfauna)?	No
	b. Reduction of the numbers of any unique, rare or endangered species of animals?	No
	c. Introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?	No
	d. Deterioration to existing fish or wildlife habitat?	No
6.	Noise. Will the proposal result in:	
	a. Increases in existing noise levels?	Maybe
	b. Exposure of people to severe noise levels?	No
7.	Light and Glare. Will the proposal:	
	a. Produce new light or glare?	No

III. ENVIRONMENTAL CHECKLIST		
8.	Land Use. Will the proposal result in: a. Substantial alteration of the present or planned land use of an area?	Maybe
9.	Natural Resources. Will the proposal result in: a. Increase in the rate of use of any natural resources? b. Substantial depletion of any nonrenewable natural resource?	No No
10.	Risk of Upset. Will the proposal involve: a. A risk of an explosion or the release of hazardous substances (including, but not limited to: oil, pesticides, chemicals or radiation) in the event of an accident or upset conditions?	No
11.	Population. Will the proposal: a. Alter the location, distribution, density, or growth rate of the human population of an area?	No
12.	Housing. Will the proposal: a. Affect existing housing, or create a demand for additional housing?	No
13.	Transportation/Circulation. Will the proposal result in: a. Generation of substantial additional vehicular movement? b. Effects on existing parking facilities, or demand for new parking? c. Substantial impact upon existing transportation systems? d. Alterations to present patterns of circulation or movement of people and/or goods? e. Alterations to waterborne, rail or air traffic? f. Increase in traffic hazards to motor vehicles, bicyclists or pedestrians?	No Maybe No Maybe Maybe No
14.	Public Service. Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas: a. Fire protection? b. Police protection? c. Schools? d. Parks or other recreational facilities?	No No No No

III. ENVIRONMENTAL CHECKLIST		
	e. Maintenance of public facilities, including roads?	Yes
	f. Other governmental services?	Yes
15.	Energy. Will the proposal result in:	
	a. Use of substantial amounts of fuel or energy?	No
	b. Substantial increase in demand upon existing sources of energy, or require the development of new sources of energy?	No
16.	Utilities and Service Systems. Will the proposal result in a need for new systems, or substantial alterations to the following utilities:	
	a. Power or natural gas?	No
	b. Communications systems?	No
	c. Water?	No
	d. Sewer or septic tanks?	No
	e. Storm water drainage?	Yes
	f. Solid waste and disposal?	No
17.	Human Health. Will the proposal result in:	
	a. Creation of any health hazard or potential health hazard (excluding mental health)?	Maybe
	b. Exposure of people to potential health hazards?	No
18.	Aesthetics. Will the proposal result in:	
	a. The obstruction of any scenic vista or view open to the public?	No
	b. The creation of an aesthetically offensive site open to public view?	Maybe
19.	Recreation. Will the proposal result in:	
	a. Impact upon the quality or quantity of existing recreational opportunities?	No
20.	Archeological/Historical. Will the proposal:	
	a. Result in the alteration of a significant archeological or historical site structure, object or building?	No
21.	Mandatory Findings of Significance	
	Potential to degrade: Does the project have the potential to degrade the	No

III. ENVIRONMENTAL CHECKLIST	
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?	
Short-term: Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals? (A short-term impact on the environment is one which occurs in a relatively brief, definitive period of time, while long-term impacts will endure well into the future.)	No
Cumulative: Does the project have impacts which are individually limited, but cumulatively considerable? (A project may impact on two or more separate resources where the impact on each resource is relatively small, but where the effect of the total of those impacts on the environment is significant.)	No
Substantial adverse: Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	No

IV. DISCUSSION OF ENVIRONMENTAL EVALUATION

Expand on all "YES" and "MAYBE" answers given to the preceding questions in regard to environmental impacts. The evaluation shall consider whether the environmental impact indicated will have a substantial, adverse change in any of the physical conditions within the area affected by the activity. In addition, the evaluation should discuss environmental effects in proportion to their severity and probability of occurrence. (Use additional pages if necessary.)

1. Earth. b. Will the proposal result in disruptions, displacements, compaction or overcoming of the soil?

Answer: Maybe

Depending on the implementation strategy chosen, the proposal may result in the use of infiltration devices or other structural BMPs to treat of a portion of storm water, which could result in disruptions of the soil by increasing the rate at which water is discharged to the ground. This potential adverse impact could be mitigated to less than significant levels if structural BMPs are properly designed and sited in areas where risks to soil disruption are minimal.

2. Air. a. Will the proposal result in substantial air emissions or deterioration of ambient air quality?

Answer: Maybe

Depending on the implementation strategy chosen, construction and operation of urban runoff treatment facilities, including temporary increased traffic during construction, could result in increased air emissions. However, any potential air emissions resulting from construction or operational activities would be subject to regulation by the applicable air pollution control agency. In addition, construction of treatment facilities would likely require a separate CEQA review process, wherein project-specific environmental impacts would be addressed. In any event, these impacts could be deemed significant, especially in areas where the region is designated non-attainment for relevant air pollutants. However, any significant, unmitigable impacts on air resources would be short-term in duration and are outweighed by the necessity of implementing the federally required Toxicity TMDL and removing the toxicity impairments from Marina del Rey Harbor (an action required to achieve the express, national policy of the Clean Water Act).

3. Water. a. Will the proposal result in changes in currents, or the course of direction or water movements, in either marine or fresh waters?

Answer: Maybe

A change in fresh water movement may occur if compliance with the TMDL is achieved in part through diversion of stormwater from open channels to wastewater or urban runoff treatment facilities. This is likely to have a positive effect, however, not an adverse effect, as it will reduce the potential for flooding during storm events. Potential impacts of reductions in dry weather flow would likely require a separate CEQA review process, wherein project specific environmental impacts would be addressed.

IV. DISCUSSION OF ENVIRONMENTAL EVALUATION (continued)

3. Water. b. Will the proposal result in changes in absorption rates, drainage patterns, or the rate and amount of surface water runoff?

Answer: Yes

Changes in drainage patterns and the rate and amount of surface water runoff will occur if a portion of stormwater is diverted and/or captured and treated or structural BMPs are implemented to achieve compliance with the TMDL. Changes in surface water runoff resulting from the use of infiltration devices and other structural BMPs would be considered a positive environmental impact. Such devices address the effects of development and increased impervious surfaces in the watershed.

3. Water. c. Will the proposal result in alterations to the course of flow of flood waters?

Answer: Maybe

Depending on the implementation strategy chosen, the proposal may result in the diversion and storage of a portion of storm water, altering its current course of flow in the storm drain system. This is a positive impact as it is likely that peak floodwater flows will be reduced.

3. Water. d. Will the proposal result in change in the amount of surface water in any water body?

Answer: Maybe

A change in the amount of surface water in waterbodies may occur if compliance with the TMDL is achieved by infiltration of stormwater runoff. Changes in surface water quantity resulting from the use of infiltration devices and other structural BMPs would be considered a positive environmental impact. Such devices address the effects of development and increased impervious surfaces in the watershed.

3. Water. f. Will the proposal result in alteration of the direction or rate of flow of ground waters?

Answer: Maybe

A change in the rate of flow of ground waters may occur if compliance with the TMDL is achieved through significant infiltration of storm water. Increased groundwater recharge would be considered a positive impact by the proposal.

3. Water. g. Change in the quantity or quality of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?

Answer: Maybe

A change in the quantity of ground waters may occur if compliance with the TMDL is achieved through significant infiltration of storm water. Increased groundwater recharge would be considered a positive impact by the proposal. If infiltration devices are not properly sited and constructed, ground water quality

IV. DISCUSSION OF ENVIRONMENTAL EVALUATION (continued)

could be adversely impacted. The potential for adverse impacts may be mitigated through proper design and siting of infiltration devices and through groundwater monitoring.

3. Water. i. Will the proposal result in exposure of people or property to water related hazards such as flooding or tidal waves?

Answer: Maybe

Depending on the implementation strategy chosen, the proposal may result in flooding hazards if structural BMPs are not properly designed and constructed to allow for bypass of storm water during storms that exceed design capacity. However, the proposal also may reduce flooding hazards by reducing the peak storm flows by diverting and retaining water on-site via infiltration.

6. Noise. a. Will the proposal result in increases in existing noise levels?

Answer: Maybe

Depending on the implementation strategy chosen, the proposal may result in increases in existing noise levels, particularly in the case of construction of storage, diversion or treatment facilities for storm water. The potential for increased noise levels due to construction is limited and short-term. Restricting hours of construction could reduce potential impacts.

8. Land Use. a. Will the proposal result in substantial alteration of the present or planned land use of an area?

Answer: Maybe

Depending on the implementation strategy chosen, the proposal may result in alteration of the present or planned land use of an area to provide land for storage, diversion or treatment facilities for storm water. However, projects may be designed to address the need for more parks and wildlife habitat and to improve water quality.

13. Transportation/Circulation. b. Effects on existing parking facilities, or demand for new parking?

Answer: Maybe

Depending on the implementation strategy chosen, the proposal may result in alterations to existing parking facilities to incorporate infiltration or other structural BMPs to treat storm water. Structural BMPs, as discussed in the TMDL staff report, can be designed to accommodate space constraints and would not significantly decrease the amount of parking available in existing parking facilities.

13. Transportation/Circulation. d. Will the proposal result in alterations to present patterns of circulation or movement of people and/or goods?

IV. DISCUSSION OF ENVIRONMENTAL EVALUATION (continued)

Answer: Maybe

Depending on the implementation strategy chosen, the proposal may result in temporary alterations to present traffic patterns during construction of storm water diversion or treatment facilities. The potential impacts are limited and short-term. Restricting hours of construction could reduce potential impacts.

13. Transportation/Circulation. e. Will the proposal result in alterations to waterborne, rail or air traffic?

Answer: Maybe

See answer to 13.d.

14. Public Service. e. Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas: maintenance of public facilities, including roads?

Answer: Yes

The proposal will result in the need for increased maintenance of public facilities and, specifically, storm water diversion facilities or structural BMPs. Non-structural BMPs, such as increased storm drain catch basin cleanings and improved street cleaning, would require additional road maintenance as well.

14. Public Service. f. Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following areas: other government services?

Answer: Yes.

The proposal will result in the need for increased monitoring in the Marina del Rey Harbor to track compliance with the TMDL. Non-structural BMPs, such as education and outreach, would result in the need for new or altered governmental services. In addition, as described in 14.e., additional maintenance would be required for street sweeping and structural BMP maintenance.

16. Utilities and Service Systems. e. Will the proposal result in a need for new systems, or substantial alterations to the following utilities: storm water drainage?

Answer: Yes

In order to achieve compliance with the TMDL, storm water drainage systems may need to be retrofitted with structural BMPs or re-configured to divert and/or capture and treat a portion of storm water.

17. Human Health. a. Will the proposal result in creation of any health hazard or potential health hazard (excluding mental health)?

Answer: Maybe

IV. DISCUSSION OF ENVIRONMENTAL EVALUATION (continued)

The implementation of storm water detention and treatment BMPs could create a potential health hazard if facilities are not properly maintained to include vector (mosquito) control. This potential adverse impact can be mitigated by designing systems that minimize stagnant water conditions and/or by requiring oversight and treatment of those systems by vector control agencies.

18. Aesthetics. b. Will the proposal result in the creation of an aesthetically offensive site open to public view?

Answer: Maybe

Depending on the implementation strategy chosen, the proposal may result in the installation of storage, diversion or treatment facilities and structural BMPs for storm water that could be aesthetically offensive if not properly designed, sited, and maintained. However, many structural BMPs are designed to provide habitat, recreational areas, and green spaces in addition to improving storm water quality.

V. DETERMINATION

The implementation of this TMDL will result in improved water quality in Marina del Rey Harbor and its tributaries and will not have significant adverse impacts to the environment. Specific projects employed to implement the TMDL may have significant impacts, but these impacts are expected to be limited, short-term or may be mitigated through design and scheduling. The staff report for the TMDL and this checklist provide the necessary information pursuant to Public Resources Code section 21159 to conclude that properly designed and implemented BMPs or treatment systems will not have a significant adverse effect on the environment. Any of the potential impacts would need to be mitigated at a subsequent, project level because they would involve the design of a specific BMP or treatment system. At this stage, any conclusions would be speculative. Specific projects, which may have a significant impact, would be subject to a separate environmental review. The lead agency for subsequent projects would be obligated to mitigate any impacts they identify, for example by mitigating potential flooding impacts by designing the BMPs with adequate margins of safety. To the extent the alternatives, mitigation measures, or both, are subsequently deemed not feasible by agencies complying with the TMDL, the necessity of implementing the federally required Toxics TMDL and removing the toxicity impairment from Marina del Rey Harbor (an action required to achieve the express, national policy of the Clean Water Act) outweigh the unavoidable adverse environmental effects.


On the basis of this initial evaluation and staff report for the TMDL, which collectively provide the required information:

I find the proposed Basin Plan amendment could not have a significant effect on the environment.

I find that the proposed Basin Plan amendment could have a significant adverse effect on the environment. However, there are feasible alternatives and/or feasible mitigation measures that would substantially lessen any significant adverse impact. These alternatives are discussed above and in the staff report for the TMDL.

I find the proposed Basin Plan amendment may have a significant effect on the environment. There are no feasible alternatives and/or feasible mitigation measures available which would substantially lessen any significant adverse impacts. See the attached written report for a discussion of this determination.

DATE: 8/3/05


Jonathan Bishop
Executive Officer