

Program Effectiveness Assessment (PEA) Report

Fiscal Year 2011-12

City of Costa Mesa
77 Fair Drive
Costa Mesa, CA 92628-1200

Prepared for the
California Regional Water Quality Control Board
Santa Ana Region



Executive Summary from Costa Mesa

This document constitutes the City of Costa Mesa's Program Effectiveness Assessment (PEA) prepared as part of a compliance program pursuant to the California Regional Water Quality Control Board (CRWQCB), Santa Ana Region, Order No. R8-2009-0030, NPDES No. CAS618030 (termed Fourth Term Permit). This plan describes the activities that the City has previously undertaken and is currently undertaking to meet the requirements of the Fourth Term Permit and to make meaningful improvements in urban water quality. This PEA for the 2011-12 Fiscal Year, summarized efforts pursuant to the City of Costa Mesa's Local Implementation Plan (LIP). The City of Costa Mesa's LIP is intended to serve as the basis for City compliance during the five-year period of the Fourth Term Permit, and is subject to modifications and updates as the City determines necessary, or as directed by the Regional Board.

The stormwater pollution control effort, of which this PEA is a part, is the result of three decades of legislative effort beginning with the 1972 Federal Water Pollution Control Act, subsequently known as the Clean Water Act (CWA). Since 1990, the City has cooperated with the County of Orange, the Orange County Flood Control District and the other cities in Orange County (the Permittees) in complying with the National Pollutant Discharge Elimination System (NPDES) permits issued by the Santa Ana and San Diego Regional Water Quality Control Boards. The result of this cooperation has been the development of numerous common stormwater programs that have been integrated in the area-wide Drainage Area Management Plan (DAMP). The City believes this common approach: to provide the most efficient and effective means of reducing stormwater and urban runoff pollution, and to meet permit requirements.

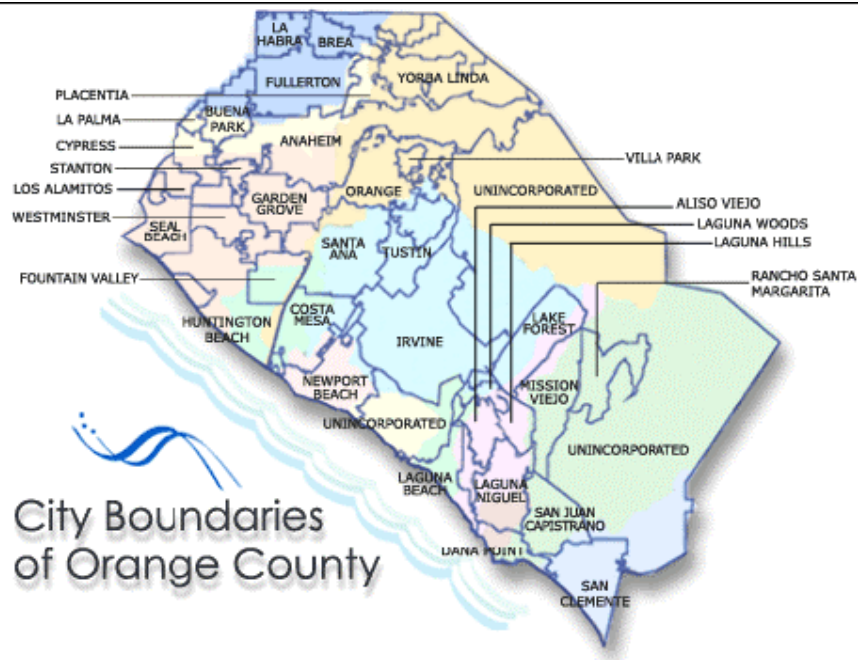
A.1.1 ENVIRONMENTAL SETTING

A.1.1.1 Geography and Climate

The City lies within a mile of the coast, just 37 miles southeast of the City of Los Angeles. The City is bounded to the west by the Santa Ana River; the north by the City of Santa Ana; to the east by unincorporated areas of the County, the City of Newport Beach, and the Newport Back Bay; and to the south by the City of Newport Beach. The City covers an area of approximately 16.8 square miles with a population of approximately 108,724 people. California's Interstate 405 (I-405) runs east/west through the City within 1 mile of the northern boundary. State Route 55 (SR-55) runs northeast/southwest connecting to the I-405. SR-73, which runs between SR55 and I-405, also provides access to the northeastern corner of the City. Figure A.1-2 illustrates the regional location of the City.

Orange County's climate has hot, dry summers and mild winters. Nearly all the annual precipitation falls in only a few storm events between October and April. During times of drought, it is not unusual for years to pass between major rainfalls. It is also common for successive storms of varying durations and intensities to compound their effects, with the heavy rainfall of the second or third storm creating the most severe flood conditions. On average, Orange County receives 12 to 13 inches of rain per year.

Figure A.1-2 Regional Location – City of Costa Mesa



A.1.1.2 Watersheds

The City falls within four major watersheds. These include the Talbert, Santa Ana River, San Diego Creek, and Newport Bay watersheds. These watersheds are illustrated in Figure A.1-3 and are based on the hydrological areas delineated by the RWQCB in the Santa Ana Basin Plan. Watersheds are generally areas that drain to a single point or Receiving Water. In the case of these watersheds, the Talbert Watershed drains to the Santa Ana River, and ultimately to the Pacific Ocean. The San Diego Creek Watershed drains to the Upper Newport Bay, and through the bay to the Pacific Ocean. The Costa Mesa portion of the San Diego Creek Watershed drains to the Santa Ana Delhi Channel and directly to the Upper Newport Bay. Our runoff does not reach the San Diego Creek. The boundaries of these watersheds are shown in the Figures A.1-3, A.1-4, A.1-5, and A.1-6.

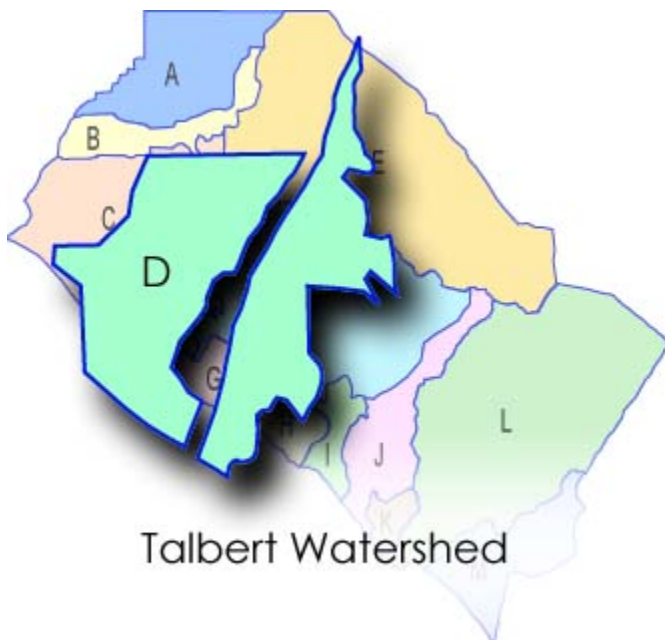


Figure A.1-3. Talbert Watershed Map (Area D) – City of Costa Mesa



Figure A.1-4. Santa Ana River Watershed Map (Area E) – City of Costa Mesa



Figure A.1-5. San Diego Creek Watershed Map (Area F) – City of Costa Mesa



Figure A.1-6. Newport Bay Watershed Map (Area G) – City of Costa Mesa

A.1.1.3 Impaired Waters/Environmentally Sensitive Areas (ESAs)

CWA Section 303(d) Water Quality Limited Segments of Receiving Waters

Under Section 303(d) of the CWA, states, territories, and authorized tribes are required to develop lists of water quality limited segments of receiving waters (impaired waters). These impaired waters do not meet water quality standards or support designated water uses. The law requires that priority rankings be established for the impaired waters on the 303(d) lists and Total Maximum Daily Loads (TMDLs) be developed to improve water quality. The Ducheny Bill (AB 1740) requires the California State Water Resources Control Board (SWRCB) and its 9 Regional Water Boards to develop the 303(d) list and to provide an estimated completion date for each TMDL.

On February 4, 2003, the State Water Resources Control Board (SWRCB) adopted the 2002 303(d) list of water quality limited segments (**Table A.1-1**). The adopted list has been sent to USEPA Region IX and is now awaiting final approval. Once EPA formally approves the list, **Table A.1-1 and A.1-2** will be amended as necessary. **Table A.1-2** has been prepared to include a more detailed description of the impaired waters that could potentially be affected by activities occurring within the City. Also included are the primary reasons for the listing of the waters (such as high coliform count). It is understood that once the updated list has been approved by the USEPA, **Table A.1-1 and Table A.1-2** will be amended accordingly.

Table A.1-1. 1998 List of Impaired Waters Potentially Affected by Activities in the City

Santa Ana Regional Water Resources Control Board

Name	Hydrologic Unit	Pollutant/ Stressor	Source	TMDL Priority	Size Affected
Newport Bay, Lower	801.110	Metals	Urban Runoff Storm Sewers Contaminated Sediments Boatyards	High	700 acres
Newport Bay, Lower	801.110	Nutrients	Agriculture Urban Runoff Storm Sewers	High	700 acres
Newport Bay, Lower	801.110	Pathogens	Urban Runoff Storm Sewers	High	700 acres
Newport Bay, Lower	801.110	Pesticides	Agriculture Contaminated Sediments	High	700 acres
Newport Bay, Lower	801.110	Priority Organics	Contaminated Sediments Unknown Non-point Source	High	700 acres
Upper Newport Bay Ecological Reserve	801.110	Metals	Urban Runoff Storm Sewers	High	752 acres
Upper Newport Bay Ecological Reserve	801.110	Nutrients	Agriculture Urban Runoff Storm Sewers Groundwater Loadings	High	752 acres
Upper Newport Bay Ecological Reserve	801.110	Pathogens	Urban Runoff Storm Sewers	High	752 acres
Upper Newport Bay Ecological Reserve	801.110	Pesticides	Agriculture Unknown Non-point Source	High	752 acres
Upper Newport Bay Ecological Reserve	801.110	Sediment	Agriculture Construction/Land Development Channel Erosion Erosion/Siltation	High	752 acres
Santa Ana River, Reach 3	801.200	Nutrients	Dairies	Medium	3 miles
Santa Ana River, Reach 3	801.200	Pathogens	Dairies	Medium	3 miles

Table A.1-2. Environmentally Sensitive Areas Potentially Affected by Activities in the City

Name	Hydrologic Unit	Reason for listing as ESA
Upper Newport Bay Ecological Reserve	801.110	303(d)
Newport Bay, Lower	801.110	303(d)
Santa Ana River, Reach 3	801.200	303(d)

A.1.2 ORGANIZATION OF THE PROGRAM EFFECTIVENESS ASSESSMENT

The main objectives of this PEA are to fulfill the commitment of the City to present a summary that satisfies the requirements the Santa Ana Region NPDES Permits and to evaluate and reduce the impacts of urban stormwater on the beneficial uses of receiving waters that the City drains to. This PEA, in conjunction with the 2003 DAMP and the City’s LIP, is the principal policy and guidance document for the City’s NPDES Stormwater Program. This PEA is structured using the same organization, by section, as the 2003 DAMP, and includes the following programs in subsequent sections:

Section C.1.0.....	Introduction
Section C.2.0.....	Program Management
Section C.3.0.....	Plan Development
Section C.4.0.....	Legal Authority
Section C.5.0.....	Municipal Activities
Section C.6.0.....	Public Education
Section C.7.0.....	New Development/Significant Redevelopment
Section C.8.0.....	Construction
Section C.9.0.....	Existing Development
Section C.10.0.....	Illegal Discharges/Illicit Connections
Section C.11.0.....	Water Quality Monitoring
Section C.12.0.....	Watersheds

City of Costa Mesa



Program Effectiveness Assessment

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I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with the 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 violation.

Fariba Fazeli, P.E.
Interim City Engineer

SECTION C-1

INTRODUCTION

PROGRAM EFFECTIVENESS ASSESSMENT

C-1.0 Introduction

C-1.1 Introduction (LIP Section A-1.0)

The cities of Anaheim, Brea, Buena Park, Costa Mesa, Cypress, Fountain Valley, Fullerton, Garden Grove, Huntington Beach, Irvine, La Habra, La Palma, Laguna Hills, Laguna Woods, Lake Forest, Los Alamitos, Newport Beach, Orange, Placentia, Santa Ana, Seal Beach, Stanton, Tustin, Villa Park, Westminster, and Yorba Linda and the County of Orange and Orange County Flood Control District (collectively the Santa Ana Region Permittees) and the cities of Aliso Viejo, Dana Point, Laguna Beach, Laguna Hills, Laguna Niguel, Laguna Woods, Lake Forest, Mission Viejo, Rancho Santa Margarita, San Clemente, and San Juan Capistrano and the County of Orange and Orange County Flood Control District (collectively the San Diego Region Permittees) operate municipal storm drain systems and discharge stormwater and urban runoff pursuant to National Pollutant Discharge Elimination System (NPDES) Permits.

These Permits require that the Permittees to work together to:

- Effectively prohibit non-stormwater discharges to the stormdrain system, and
- Implement controls to reduce the discharge of pollutants in stormwater to the Maximum Extent Practicable (MEP).

The Permits also require that a progress report, termed Program Effectiveness Assessment (PEA), be prepared on an annual basis.

The objectives of the PEA are to:

- Present a compilation of the programmatic implementation and validation data;
- Provide for annual data analyses by which the City and the Principal Permittee can, on a jurisdictional, watershed and/or countywide basis, assess program effectiveness;
- Ensure that the iterative evaluation and improvement process is applied on a jurisdictional, watershed and/or countywide level to each of the program elements; and
- Provide a mechanism for the City to identify and report modifications that have or will be made to their Drainage Area Management Plan (DAMP)/Local Implementation Plan (LIP).

C-1.2 Background (LIP Section A-1.1)

The 1972 Federal Water Pollution Control Act, subsequently known as the Clean Water Act (CWA), established the National Pollutant Discharge Elimination System (NPDES) permitting program. Congress passed a Clean Water Act Amendment in 1987, the Water Quality Act, which brought stormwater discharges into the NPDES Program. EPA issued subsequent regulations on November 16, 1990.

In response to those regulations, the Permittee have obtained, renewed and complied with the following NPDES Stormwater Permits from the Santa Ana and San Diego Regional Water

Quality Control Boards (subsequently referred to as the Santa Ana Board, the San Diego Board or collectively as the Regional Boards):

Permit Term	Santa Ana Regional Board			San Diego Regional Board		
	Order No.	NPDES No.	Date Adopted	Order No.	NPDES No.	Date Adopted
First (1990-1996)	90-71	CA 8000180	July 1990	90-38	CA 0108740	July 1990
Second (1996-2002)	96-31	CAS618030	March 1996	96-03	CAS0108740	August 1996
Third (2002-2009)	R8-2002-0010	CAS618030	January 2002	R9-2002-0001	CAS0108740	February 2002
Fourth (2009-)	R8-2009-0030	CAS618030	May 2009	R9-2009-0002	CAS0108740	December 2009

The specific water pollutant control program elements of the Orange County NPDES Stormwater Program are documented in the DAMP. The DAMP serves as the Permittees' primary policy and implementation document for compliance with the Permits and comprises a series of model programs, LIPs, and watershed implementation plans. It was developed through a process that involved public and private sector input and public review through the California Environmental Quality Act (CEQA) process. In developing their LIPs, each Permittees modified the DAMP model programs as necessary to ensure that their local conditions were addressed and developed a plan for the implementation of the program within their jurisdiction.

SECTION C-2

PROGRAM MANAGEMENT

PROGRAM EFFECTIVENESS ASSESSMENT

C-2.0 Program Management

C-2.1 Introduction (LIP Section A-2.1)

This section addresses the City’s implementation of the program management elements of its LIP and the fiscal impact of participation in the Orange County Stormwater Program. Program management activities conducted by the City of Costa Mesa involve the following activities:

- Coordination with the Principal Permittee and other Permittees on program development;
- Common program implementation (such as monitoring, public education and watershed programs);
- Funding of shared budgets under the Implementation Agreement;
- Coordination with internal City departments to implement the LIP;
- Preparing, approving and tracking shared cost budgets prepared by the Principal Permittee and individual cost budgets prepared by the City; and
- Data management and compliance reporting based on common practices specified in the DAMP.

C-2.2 Countywide Coordination

In order to coordinate effectively with the Principal Permittee, the City of Costa Mesa has designated NPDES primary and alternate representatives.

Representative	Primary	Alternate
	Patrick Bauer	Fariba Fazeli

The General Permittee Committee meets nine times per year. The City of Costa Mesa had representatives at the following meetings:

Meeting Date	Attended
July 28, 2011	☒
August 25, 2011	☒
September 22, 2011	☒
October 27, 2011	☒
December 15, 2011	☒
January 26, 2012	☒
February 23, 2012	☒
March 22, 2012	☒
April 26, 2012	☒
May 24, 2012	☒
June 28, 2012	☒

In addition, City representatives participated in the following sub-committees and task forces:

<u>Committee/Task Force</u>	<u>Attended</u>
LIP/PEA	<input checked="" type="checkbox"/>
Inspection	<input type="checkbox"/>
Trash & Debris	<input type="checkbox"/>
Legal/Regulatory Authority	<input checked="" type="checkbox"/>
Public Education	<input checked="" type="checkbox"/>
Water Quality	<input checked="" type="checkbox"/>

C-2.3 City Internal Coordination

The responsibilities of City departments for the internal coordination of LIP activities are detailed in LIP Table A- 2.2

C-2.4 Fiscal Analysis

The Fiscal Analysis includes the following:

- The City’s expenditures for the previous fiscal year;
- The City’s budget for the current fiscal year; and
- A description of the source of funds.

The Fiscal Analysis is intended to depict all NPDES compliance related costs for the City of Costa Mesa. The tables below report costs that include the costs of Permittee operations and contracted services.

Capital Costs

Capital costs include any capital expended for each one of the DAMP elements. This would consist of any land, large equipment, and structures.

Operations and Maintenance Costs

Operations and Maintenance costs refer to normal costs of operation including the cost of keeping equipment and facilities in working order.

CAPITAL COSTS

(Land, Large Equipment and Structures)

LIP Program Elements	2010-11 Expenditures	2011-12 Expenditures	2012-13 Projected Costs
Totals		\$176,500	\$180,000

OPERATION AND MAINTENANCE COSTS

LIP Program Elements	2010-11 Expenditures	2011-12 Expenditures	2012-13 Projected Costs
Totals		\$1,841,839	\$1,887,696

FUNDING SOURCES

LIP Funding Sources	FY 10-11 Funding Sources	FY 2011-12 Funding Sources	FY 2012-13 Projected Funding Sources
General Fund	100%	100%	100%
Utility Tax/Charges			
Separate Utility Billing Item			
Gas Tax			
Special District Fund			
- Sanitation Fee			
- Benefit Assessment			
- Fleet Maintenance Fund			
- Community Services Fund			
- Water Fund			
- Sewer & Storm Drain Maintenance Fee			
- Other			

C-2.5 Program Management Modifications

The modifications that will be made to the Plan Management section of the City’s LIP include the following: No modifications have been made to this section during this reporting period.

SECTION C-3

PLAN DEVELOPMENT

PROGRAM EFFECTIVENESS ASSESSMENT

C-3.0 Plan Development

C-3.1 Introduction (LIP Section A-3.1)

This Section provides information on the City of Costa Mesa evaluation and further development of its LIP. This Section also discusses a number of studies that the City is participating in that will inform future revision and improvement of the program.

C-3.2 Plan Development (LIP Section A-3.3)

The LIP describes jurisdictional implementation of the model programs detailed in the DAMP. While the DAMP is revised once in a permit term, typically within 1-2 years of permit adoption, the City LIP is intended to be a more dynamic document plan that is evaluated on an annual basis by the City or as directed by the Regional Board.

C-3.3 BMP Effectiveness Investigations (LIP Section A-3.3.2)

An important element of the City’s LIP is the evaluation of additional BMPs and/or modification of BMPs to complement the DAMP-based model programs. The tables that follow list the BMP effectiveness investigations conducted during the reporting period.

Type of BMP	Initiated in FY 2011-12	Completed in FY 2011-12	Projected completion in FY 2011-12
Catch Basin Screens	X	X	

Watershed	Type of BMP	Manufacturer	Number Implemented	Type of Analysis	Report Completed
Santa Ana River	Wetland		1		Yes

C-3.4 Improvements in Stormwater Science

The City of Costa Mesa is participating in the following studies:

- Dry weather monitoring
- Selenium sampling in the Santa Ana Delhi channel

C-3.5 Jurisdictional Training

Training of jurisdictional employees is reported below for all program elements.

Title of Workshop or Training Module	Training Sponsored or Conducted By	Date of Training	Attendee Name	Attendee Department	Program
Model WQMP and Technical Guidance Document Training - for Program Managers	County of Orange	July 7 and 14, 2011	PB	Pub Svcs	Section 7 - New Development/Significant Development
Model WQMP and Technical Guidance Document Training - for Implementation Staff	County of Orange	July 20 and 27, 2011	PB	Pub Svcs	Section 7 - New Development/Significant Development
Model WQMP and Technical Guidance Document Training - for Land Development Community	County of Orange	July 28 and September 14, 2011	PB	Pub Svcs	Section 7 - New Development/Significant Development
Pre-wet Season Construction Training	County of Orange	September 29 and October 6, 2011	PB MG DT	Pub Svcs	Section 8 - Construction

C-3.6 Plan Development Modifications

The program modifications that will be made to the Plan Development section of the City's LIP include the following: No modifications were made to this section during the reporting period.

SECTION C-4

LEGAL AUTHORITY

PROGRAM EFFECTIVENESS ASSESSMENT

C-4.0 Legal Authority

C-4.1 Introduction (LIP Section A-4.1)

This section discusses the legal authority established by the City for controlling pollutant discharges into and from its storm drain system.

C-4.2 City Authority to Control Pollutant Discharges (LIP Section A-4.3)

The City of Costa Mesa adopted a version of the Model Water Quality Ordinance in 1997 and provided a certification regarding the adequacy of this legal authority to the Santa Ana Regional Board during the reporting period.

The detection, elimination and enforcement activities undertaken by the City are described further in Section C-10.0. The BMPs that have been required to be integrated into new development and significant redevelopment are discussed in Section C-7.0.

C-4.3 Legal Authority Modifications

The program modifications that will be made to the Legal Authority section of the City's LIP include the following: No modifications to this section were made during the reporting period.

CHAPTER III. - WATER QUALITY ^[26]

⁽²⁶⁾ **Editor's note**— Ord. No. 97-20, § 2, adopted July 21, 1997, amended Chapter III of Title 8 in its entirety to read as herein set out. Prior to amendment, Chapter III, §§ 8-30—8-64, pertained to water pollution and derived from the 1960 Code, §§ 7600—7624.

[Sec. 8-30. - Definitions.](#)

[Sec. 8-31. - Prohibition on illicit connections and prohibited discharges.](#)

[Sec. 8-32. - Control of urban runoff.](#)

[Sec. 8-33. - Inspections.](#)

[Sec. 8-34. - Enforcement.](#)

[Sec. 8-35. - Permits.](#)

[Sec. 8-36. - Interagency cooperation.](#)

[Sec. 8-37. - Compliance disclaimer.](#)

[Sec. 8-38. - Severability.](#)

[Sec. 8-39. - Repeal of prior ordinance.](#)

[Sec. 8-40. - Judicial review.](#)

[Secs. 8-41—8-75. - Reserved.](#)

Sec. 8-30. - Definitions.

- (a) *Authorized inspector* shall mean the director of public services, director of development services, and persons designated by and under his/her instruction and supervision, who are assigned to investigate compliance with, detect violations of and/or take actions pursuant to this chapter.
- (b) *City* shall mean the City of Costa Mesa, Orange County, California.
- (c) *Co-permittee* shall mean the County of Orange, the Orange County Flood Control District, and/or any one (1) of the thirty-one (31) municipalities, including the City of Costa Mesa, which are responsible for compliance with the terms of the NPDES permit.
- (d) *DAMP* shall mean the Orange County Drainage Area Management Plan, as the same may be amended from time to time.
- (e) *Development project guidance* shall mean DAMP Chapter VII and the Appendix thereto, entitled Best Management Practices for New Development Including Non-Residential Construction Projects, as the same may be amended from time to time.
- (f) *Discharge* shall mean any release, spill, leak, pump, flow, escape, leaching (including subsurface migration or deposition to groundwater), dumping or disposal of any liquid, semi-solid or solid substance.
- (g) *Discharge exception* shall mean the group of activities not restricted or prohibited by this chapter, including only:

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CHAPTER III. - WATER QUALITY

(1) Discharges composed entirely of stormwater; discharges subject to regulation under current EPA or Regional Water Quality Control Board issued NPDES permits, state general permits, or other waivers, permits or approvals granted by an appropriate government agency; discharges from property for which best management practices set forth in the Development Project Guidance are being implemented and followed; discharges to the stormwater drainage system from potable water line flushing, fire fighting activities, landscape irrigation systems, diverted stream flows, rising groundwater, and de minimis groundwater infiltration to the stormwater drainage system (from leaks in joints or connections or cracks in water drainage pipes or conveyance systems); discharges from potable water sources, passive foundation drains, air conditioning condensation and other building roof runoff; agricultural irrigation water runoff; water from crawl space pumps, passive footing drains, lawn watering, non-commercial vehicle washing; flows from riparian habitats and wetlands; dechlorinated swimming pool discharges; discharges of reclaimed water generated by a lawfully permitted water treatment facility; public street wash waters when related to cleaning and maintenance by, or on behalf of, the city discharges authorized pursuant to a permit issued under section 8-35 hereof; discharges allowable under the domestic sewage exception; discharges for which the discharger has reduced to the extent feasible the amount of pollutants in such discharge; and discharges authorized pursuant to federal or state laws or regulations.

(2) In any action taken to enforce this chapter, the burden shall be on the person who is the subject of such action to establish that a discharge was within the scope of this discharge exception.

(h) *Domestic sewage exception* shall mean discharges which are exceptions to this chapter and excluded from the definition of prohibited discharge, as defined herein, including only: discharges composed entirely of accidental spills of untreated sanitary wastes (commonly called domestic sewage) and other wastes, but limited solely to wastes that are controlled by and are within publicly owned wastewater treatment system collection facilities immediately prior to the accidental spill.

(i) *Enforcing attorney* shall mean the city attorney or district attorney acting as counsel to the City of Costa Mesa and his/her designee, which counsel is authorized to take enforcement action as described herein. For purposes of criminal prosecution, only the district attorney and/or city attorney, or his/her designee, shall act as the enforcing attorney.

(j) *EPA* shall mean the Environmental Protection Agency of the United States.

(k) *Hearing officer* shall mean the person designated by the city manager who shall preside at the administrative hearings authorized by this chapter and issue final decisions on the matters raised therein.

(l) *Invoice for costs* shall mean the actual costs and expenses of the city, including but not limited to administrative overhead, salaries and other expenses recoverable under state law, incurred during any inspection conducted pursuant to this chapter or where a notice of noncompliance, administrative compliance order or other enforcement option under this chapter is utilized to obtain compliance with this chapter.

(m) *Illicit connection* shall mean any manmade conveyance or drainage system, pipeline, conduit, inlet or outlet through which the discharge of any pollutant to the stormwater drainage system occurs or may occur. The term illicit connection shall not include legal nonconforming connections or connections to the stormwater drainage system that are hereinafter authorized by the agency with jurisdiction over the

TITLE 8 - HEALTH AND SANITATION
CHAPTER III. - WATER QUALITY

system at the location at which the connection is made.

(n) *Legal nonconforming connection* shall mean connections to the stormwater drainage system existing as of the adoption of this chapter that were in compliance with all federal, state and local rules, regulations, statutes and administrative requirements in effect at the time the connection was established, including but not limited to any discharge permitted pursuant to the terms and conditions of an individual discharge permit issued pursuant to the Industrial Waste Ordinance, County Ordinance No. 703.

(o) *New development* shall mean all public and private residential (whether single-family, multi-unit or planned unit development), industrial, commercial, retail, and other nonresidential construction projects, or grading for future construction, for which either a discretionary land use approval, grading permit, building permit or nonresidential plumbing permit is required.

(p) *A nonresidential plumbing permit* shall mean a plumbing permit authorizing the construction and/or installation of facilities for the conveyance of liquids other than stormwater, potable water, reclaimed water or domestic sewage.

(q) *NPDES permit* shall mean the currently applicable municipal discharge permit[s] issued by the Regional Water Quality Control Board, Santa Ana Region [and/or the Regional Water Quality Control Board, San Diego Region, as appropriate], which permit[s] establishes waste discharge requirements applicable to stormwater runoff in the city.

(r) *Person* shall mean any natural person as well as any corporation, partnership, government entity or subdivision, trust, estate, cooperative association, joint venture, business entity, or other similar entity, or the agent, employee or representative of any of the above.

(s) *Pollutant* shall mean any liquid, solid or semi-solid substances, or combination thereof, including and not limited to:

- (1) Artificial materials (such as floatable plastics, wood products or metal shavings);
- (2) Household waste (such as trash, paper, and plastics; cleaning chemicals; yard wastes; animal fecal materials; used oil and fluids from vehicles, lawn mowers and other common household equipment);
- (3) Metals and non-metals, including compounds of metals and nonmetals, (such as cadmium, lead, zinc, copper, silver, nickel, chromium, cyanide, phosphorus and arsenic), with characteristics which cause an adverse effect on living organisms;
- (4) Petroleum and related hydrocarbons (such as fuels, lubricants, surfactants, waste oils, solvents coolants and grease);
- (5) Animal wastes (such as discharge from confinement facilities, kennels, pens and recreational facilities, including, stables, show facilities, or polo fields);
- (6) Substances having a pH less than 6.5 or greater than 8.6, or unusual coloration, turbidity or odor;
- (7) Waste materials and wastewater generated on construction sites and by construction activities (such as painting and staining; use of sealants and glues; use of lime; use of wood preservatives and solvents; disturbance of asbestos fibers, paint flakes or stucco fragments;

TITLE 8 - HEALTH AND SANITATION
CHAPTER III. - WATER QUALITY

application of oils, lubricants, hydraulic, radiator or battery fluids; construction equipment washing; concrete pouring and cleanup; use of concrete detergents; steam cleaning or sand blasting; use of chemical degreasing or diluting agents; and use of super chlorinated water for potable water line flushing);

(8) Materials causing an increase in biochemical oxygen demand, chemical oxygen demand or total organic carbon;

(9) Materials which contain base/neutral or acid extractable organic compounds;

(10) Those pollutants defined in section 1362(6) of the Federal Clean Water Act; and

(11) Any other constituent or material, including but not limited to pesticides, herbicides, fertilizers, fecal coliform, fecal streptococcus or enterococcus, or eroded soils, sediment and particulate materials, in quantities that will interfere with or adversely affect the beneficial uses of the receiving waters, flora or fauna of the state.

(t) *Prohibited discharge* shall mean any discharge which contains any pollutant, from public or private property to (i) the stormwater drainage system; (ii) any upstream flow, which is tributary to the stormwater drainage system; (iii) any groundwater, river, stream, creek, wash or dry weather arroyo, wetlands area, marsh, coastal slough, or (iv) any coastal harbor, bay, or the Pacific Ocean. The term prohibited discharge shall not include discharges allowable under the discharge exception.

(u) *Significant redevelopment* shall mean the rehabilitation or reconstruction of public or private residential (whether single family, multiunit or planned unit development), industrial, commercial, retail, or other nonresidential structures, for which either a discretionary land use approval, grading permit, building permit or non-residential plumbing permit is required. Significant redevelopment shall not include building additions that do not exceed two thousand (2,000) square feet, or fifty (50) per cent of the existing building area, whichever is less.

(v) *State general permit* shall mean either the state general industrial stormwater permit or the state general construction permit and the terms and requirements of either or both. In the event the U.S. Environmental Protection Agency revokes the in-lieu permitting authority of the State Water Resources Control Board, then the term state general permit shall also refer to any EPA administered stormwater control program for industrial and construction activities.

(w) *Stormwater drainage system* shall mean street gutter, channel, storm drain, constructed drain, lined diversion structure, wash area, inlet, outlet or other facility, which is a part of or tributary to the county-wide stormwater runoff system and owned, operated, maintained or controlled by County of Orange, the Orange County Flood Control District or any Co-Permittee City, and used for the purpose of collecting, storing, transporting, or disposing of stormwater.

(Ord. No. 97-20, § 2, 7-21-97)

Sec. 8-31. - Prohibition on illicit connections and prohibited discharges.

(a) No person shall:

(1) Construct, maintain, operate and/or utilize any illicit connection.

(2) Cause, allow or facilitate any prohibited discharge.

(3) Act, cause, permit or suffer any agent, employee, or independent contractor, to construct, maintain, operate or utilize any illicit connection, or cause, allow or facilitate any prohibited discharge.

(b) The prohibition against illicit connections shall apply irrespective of whether the illicit connection was established prior to the date of enactment of this section; however, legal nonconforming connections shall not become illicit connections until the earlier of the following:

(1) For all structural improvements to property installed for the purpose of discharge of the stormwater drainage system, the conveyance expiration of five (5) years from the adoption of this chapter.

(2) For all nonstructural improvements to property existing for the purpose of discharge to the stormwater drainage system, the expiration of six (6) months following delivery of a notice to the owner or occupant of the property, which states a legal nonconforming connection has been identified. The notice of a legal nonconforming connection shall state the date of expiration of use under this chapter.

(3) A reasonable extension of use may be authorized by the director of public services or the authorized inspector upon consideration of the following factors:

- (i) The potential adverse effects of the continued use of the connection upon the beneficial uses of receiving waters;
- (ii) The economic investment of the discharger in the legal nonconforming connection; and
- (iii) The financial effect upon the discharger of a termination of the legal nonconforming connection.

(c) A civil or administrative violation of subsection (a) of this section shall occur irrespective of the negligence or intent of the violator to construct, maintain, operate or utilize an illicit connection or to cause, allow or facilitate any prohibited discharge.

(d) If an authorized inspector reasonably determines that a discharge, which is otherwise within the discharge exception, may adversely affect the beneficial uses of receiving waters, then the authorized inspector may give written notice to the owner of the property or facility that any such discharge shall constitute a violation of subsection (a) of this section.

(e) If a request for an extension of use is denied, the owner or occupant of property on which a legal nonconforming connection exists may request an administrative hearing, pursuant to the procedures set forth in sections 8-34(a)(6)—(10) for an extension of the period allowed for continued use of the connection.

(Ord. No. 97-20, § 2, 7-21-97)

Sec. 8-32. - Control of urban runoff.

(a) *New development and significant redevelopment.*

(1) All new development and significant redevelopment within the City of Costa Mesa shall be undertaken in accordance with:

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- (i) The DAMP, including but not limited to the Development Project Guidance; and
- (ii) Any conditions and requirements established by the development services department and the public services department which are reasonably related to the reduction or elimination of pollutants in storm water runoff from the project site.

(2) Prior to the issuance by the city of a grading permit, building permit or non-residential plumbing permit for any new development or significant redevelopment, the development services department and the public services department shall review the project plans and impose terms, conditions and requirements on the project in accordance with subsection (a) of this section. If the new development or significant redevelopment will be approved without application for a grading permit, building permit or non-residential plumbing permit, the development services department shall review the project plans and impose terms, conditions and requirements on the project in accordance with subsection (a) of this section prior to the issuance of a discretionary land use approval or, at the city's discretion, prior to recordation of a subdivision map.

(3) Notwithstanding the foregoing subsections (a) and (b) of this section compliance with the Development Project Guidance shall not be required for construction of a (one) single-family detached residence unless the development services department determines that the construction may result in the discharge of significant levels of a pollutant into a tributary to the stormwater drainage system.

(4) Compliance with the conditions and requirements of the DAMP shall not exempt any person from the requirement to independently comply with each provision of this chapter.

(5) If the development services department determines that the project will have a de minimis impact on the quality of stormwater runoff, then it may issue a written waiver of the requirement for compliance with the provisions of the Development Project Guidance.

(6) The owner of a new development or significant redevelopment project, or upon transfer of the property, its successors and assigns, shall implement and adhere to the terms, conditions and requirements imposed pursuant to subsection (a) of this section on a new development or significant redevelopment project.

- (i) Each failure by the owner of the property or its successors or assigns, to implement and adhere to the terms, conditions and requirements imposed pursuant to subsection (a) of this section on a new development or significant redevelopment project shall constitute a violation of this chapter.

(7) The development services department and/or the public services department may require that the terms, conditions and requirements imposed pursuant to subsection (a) of this section be recorded with the County Recorder's office by the property owner. The signature of the owner of the property prior to the recording of these terms, conditions and requirements and a signature on behalf of the city by the deputy city clerk shall be required for recordation.

(b) *Cost recovery.* The development services department and the public services department shall be reimbursed by the project applicant for all costs and expenses incurred in the review of new development or significant development projects for compliance with the DAMP. The fees for cost recovery as approved by resolution of city council shall be deposited on applying for a building permit and/or plan check with such departments. The development services department and the public services department may refund any deposited fees in excess of the costs to review the project to

applicant.

(c) *Litter control.*

(1) No person shall discard any waste material, including but not limited to common household rubbish or garbage of any kind (whether generated or accumulated at a residence, business or other location), upon any public or private property, whether occupied, open or vacant, including but not limited to any street, sidewalk, alley, right-of-way, open area or point of entry to the stormwater drainage system.

(2) Every person occupying or having charge and control of property on which a prohibited disposal of waste materials occurs shall cause the proper collection and disposal of same.

(3) A prohibited disposal of waste materials creates a danger to public health, safety, and welfare, and otherwise threatens the environment, surface waters, and groundwater; therefore, any owner or occupant of property who fails to remove waste material within a reasonable time may be charged with creating a nuisance upon the property pursuant to Title 20 of this Code.

(Ord. No. 97-20, § 2, 7-21-97; Ord. No. 00-11, 1(c), 7-3-00)

Sec. 8-33. - Inspections.

(a) *Scope of inspections.*

(1) *Right to inspect.* Prior to commencing any inspection as herein below authorized, the authorized inspector shall obtain either the consent of the owner or occupant of the property or shall obtain an administrative inspection warrant or criminal search warrant.

(2) *Entry to inspect.* The authorized inspector may enter property to investigate the source of any discharge of any public street, inlet, gutter, storm drain or the stormwater drainage system located within the jurisdiction of the City of Costa Mesa.

(3) *Compliance assessments.* The authorized inspector may inspect property for the purpose of verifying compliance with this chapter, including but not limited to (i) identifying products produced, processes conducted, chemicals used and materials stored on or contained within the property, (ii) identifying point(s) of discharge of all wastewater, process water systems and pollutants, (iii) investigating the natural slope at the location, including drainage patterns and man-made conveyance systems, (iv) establishing the location of all points of discharge from the property, whether by surface runoff or through a storm drain system, (v) locating any illicit connection or the source of prohibited discharge, (vi) evaluating compliance with any permit issued pursuant to section 8-35 hereof, and (vii) investigating the condition of any legal nonconforming connection.

(4) *Portable equipment.* For purposes of verifying compliance with this chapter, the authorized inspector may inspect any vehicle, truck, trailer, tank truck or other mobile equipment.

(5) *Records review.* The authorized inspector may inspect all records of the owner or occupant of property relating to chemicals or processes presently or previously occurring on-site, including material and/or chemical inventories, facilities maps or schematics and diagrams, material safety data sheets, hazardous waste manifests, business plans, pollution prevention plans, state general permits, stormwater pollution prevention plans, monitoring program plans and any other record(s) relating to illicit connections, prohibited discharges, a legal nonconforming connection or any other source of contribution or potential contribution of pollutants to the stormwater drainage system.

(6) *Sample and test.* The authorized inspector may inspect, sample and test any area runoff, soils area (including groundwater testing), process discharge, materials within any storage area (including any container contents), and/or treatment system discharge for the purpose of determining the potential for contribution of pollutants to the stormwater drainage system. The authorized inspector may investigate the integrity of all storm drain and sanitary sewer systems, any legal nonconforming connection or other pipelines on the property using appropriate tests, including but not limited to smoke and dye tests or video surveys. The authorized inspector may take photographs or video tape, make measurements or drawings, and create any other record reasonably necessary to document conditions on the property.

(7) *Monitoring.* The authorized inspector may erect and maintain monitoring devices for the purpose of measuring any discharge or potential source of discharge to the stormwater drainage system.

(8) *Test results.* The owner or occupant of property subject to inspection shall, on submission of a written request, receive copies of all monitoring and test results conducted by the authorized inspector.

(Ord. No. 97-20, § 2, 9-21-97)

Sec. 8-34. - Enforcement.

(a) *Administrative remedies.*

(1) *Notice of noncompliance.* The authorized inspector may deliver to the owner or occupant of any property, or to any person responsible for an illicit connection or prohibited discharge a notice of noncompliance. The notice of noncompliance shall be delivered in accordance with this chapter.

(i) The notice of noncompliance shall identify the provision(s) of this chapter or the applicable permit which has been violated. The notice of noncompliance shall state that continued noncompliance may result in additional enforcement actions against the owner, occupant and/or person.

(ii) The notice of noncompliance shall state a compliance date that must be met by the owner, occupant and/or person; provided, however, that the compliance date may not exceed ninety (90) days unless the authorized inspector extends the compliance deadline an additional ninety (90) days where good cause exists for the extension.

(2) *Administrative compliance orders.*

(i) The authorized inspector may issue an administrative compliance order or civil citation. The administrative compliance order or civil citation shall be delivered in accordance with this chapter and/or section 1-33 of this Code. The administrative compliance order or civil infraction may be issued to:

(A) The owner or occupant of any property requiring abatement of conditions on the property that cause or may cause a prohibited discharge or an illicit connection in violation of this chapter;

(B) The owner of property subject to terms, conditions or requirements imposed on a project in accordance with section 8-32(a)(1) to ensure adherence to those terms, conditions and requirements.

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- (C) A permittee subject to the requirements of any permit issued pursuant to section 8-35 hereof to ensure compliance with the terms, conditions and requirements of the permit.
 - (D) Any person responsible for an illicit connection or prohibited discharge.
- (ii) The administrative compliance order or civil citation may include the following terms and requirements:
- (A) Specific steps and time schedules for compliance as reasonably necessary to eliminate an existing prohibited discharge to prevent the imminent threat of a prohibited discharge, including but not limited to a prohibited discharge from any pond, pit, well, surface impoundment, holding or storage area;
 - (B) Specific steps and time schedules for compliance as reasonably necessary to discontinue any illicit connection;
 - (C) Specific requirements for containment, cleanup, removal, storage, installation of overhead covering, or proper disposal of any pollutant having the potential to contact stormwater runoff;
 - (D) Any other terms or requirements reasonably calculated to prevent the imminent threat of or continuing violations of this chapter, including, but not limited to requirements for compliance with best management practices guidance documents promulgated by any federal, State of California or regional agency;
 - (E) Any other terms or requirements reasonably calculated to achieve full compliance with the terms, conditions and requirements of any permit issued pursuant hereto.
- (3) *Cease and desist orders.*
- (i) In addition to remedies in section 1-33, the authorized inspector may issue a cease and desist order. A cease and desist order shall be delivered in accordance with paragraph (5) of this subsection. A cease and desist order may direct the owner or occupant of any property and/or other person responsible for a violation of this chapter to:
- (A) Immediately discontinue any illicit connection or prohibited discharge to the stormwater drainage system;
 - (B) Immediately contain or divert any flow of water off the property, where the flow is occurring in violation of any provision of this chapter;
 - (C) Immediately discontinue any other violation of this chapter;
 - (D) Clean up the area affected by the violation.
- (ii) The authorized inspector may direct by cease and desist order that (1) the owner of any property or his successors-in-interest which property is subject to any conditions or requirements of section 8-32(a)(1) or (2) any permittee under any permit issued pursuant to section 8-35 hereof:
- (A) Immediately cease any activity not in compliance with the conditions or

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requirements of section 8-32(a)(1), or the terms, conditions and requirements of the applicable permit.

(4) *Recovery of costs.* In addition to section 1-33, the authorized inspector may deliver to the owner or occupant of any property, any permittee or any other person who becomes subject to a notice of noncompliance or administrative order, an invoice for costs. An invoice for costs shall be delivered in accordance with paragraph (5) of this subsection. An invoice for costs shall be immediately due and payable to the city for the actual costs incurred by the city in issuing and enforcing any notice or order.

(i) If any owner or occupant, permittee or any other person subject to an invoice for costs fails to either pay the invoice for costs or appeal successfully the invoice for costs in accordance with paragraph (6) of this subsection then the enforcing attorney may institute collection proceedings.

(5) *Delivery of notice.* Any notice of noncompliance, administrative compliance order, cease and desist order or invoice of costs to be delivered pursuant to the requirements of this chapter shall be subject to the following:

(i) The notice shall state that the recipient has a right to appeal the matter as set forth in paragraph (6) through (10) of this subsection.

(ii) Delivery shall be deemed complete upon: (a) personal service to the recipient; (b) deposit in the U.S. mail, postage pre-paid for first class delivery; or (c) facsimile service with confirmation of receipt.

(iii) Where the recipient of notice is the owner of the property, the address for notice shall be the address from the most recently issued equalized assessment roll for the property or as otherwise appears in the current records of the city.

(iv) Where the owner or occupant of any property cannot be located after the reasonable efforts of the authorized inspector, a notice of noncompliance or cease and desist order shall be deemed delivered after posting on the property for a period of ten (10) business days.

(6) *Administrative hearing for notices of noncompliance, administrative compliance orders, invoices for costs and adverse determinations.* Except as set forth in paragraph (8) any person receiving a notice of noncompliance, administrative compliance order, a notice of legal nonconforming connection, an invoice for costs, or any person who is subject to any adverse determination made pursuant to this chapter, may appeal the matter by requesting an administrative hearing pursuant to this chapter or section 1-33. Notwithstanding the foregoing, these administrative appeal procedures shall not apply to criminal proceedings initiated to enforce this chapter.

(7) *Request for administrative hearing.* Any person appealing a notice of noncompliance, an administrative compliance order, a notice of legal nonconforming connection, an invoice for costs or an adverse determination shall, within thirty (30) days of receipt thereof, file a written request for an administrative hearing, accompanied by an administrative hearing fee as established by separate resolution of city council, with the office of the city clerk, with a copy of the request for administrative hearing mailed on the date of filing to the director of public services, director of development services or the authorized inspector. Thereafter, a hearing on the matter shall be held before the hearing officer within forty-five (45) business days of the date of filing of the written

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request unless, in the reasonable discretion of the hearing officer and pursuant to a written request by the appealing party, a continuance of the hearing is granted. The hearing officer shall be appointed by the city manager.

(8) *Administrative hearing for cease and desist orders and emergency abatement actions.* An administrative hearing on the issuance of a cease and desist order or following an emergency abatement action shall be held within five (5) business days following the issuance of the order or the action of abatement, unless the hearing (or the time requirement for the hearing) is waived in writing by the party subject to the cease and desist order or the emergency abatement. A request for an administrative hearing shall not be required from the person subject to the cease and desist order or the emergency abatement action.

(9) *Hearing proceedings.* The authorized inspector shall appear in support of the notice, order, determination, invoice for costs or emergency abatement action, and the appealing party shall appear in support of withdrawal of the notice, order, determination, invoice for costs, or in opposition to the emergency abatement action. Except as provided in section 8-30(g), the city shall have the burden of supporting any enforcement or other action by a preponderance of the evidence. Each party shall have the right to present testimony and other documentary evidence as necessary for explanation of the case.

(10) *Final decision and appeal.* The final decision of the hearing officer shall issue within ten (10) business days of the conclusion of the hearing and shall be delivered by first-class mail, postage prepaid, to the appealing party. The final decision shall include notice that any legal challenge to the final decision shall be made pursuant to the provisions of Code of Civil Procedure sections 1094.5 and 1094.6 and shall be commenced within ninety (90) days following issuance of the final decision.

(i) Notwithstanding this paragraph (10), the final decision of the hearing officer in any proceeding determining the validity of a cease and desist order or following an emergency abatement action shall be mailed within five (5) business days following the conclusion of the hearing.

(11) *City abatement.* In the event the owner of property, the operator of a facility, a permittee or any other person fails to comply with any provision of a compliance schedule issued to such owner, operator, permittee or person pursuant to this chapter, the authorized inspector may request the enforcing attorney to obtain an abatement warrant or other appropriate judicial authorization to enter the property, abate the condition and restore the area. Any costs incurred by the city in obtaining and carrying out an abatement warrant or other judicial authorization may be recovered pursuant to section 8-34(b)(4).

(b) *Nuisance.* Any condition in violation of the prohibitions of this chapter, including but not limited to the maintenance or use of any illicit connection or the occurrence of any prohibited discharge, shall constitute a threat to the public health, safety and welfare, and is declared and deemed a nuisance pursuant to Government Code section 28771.

(1) *Court order to enjoin or abatement.* At the request of the director of public services, director of development services or the authorized inspector, the enforcing attorney may seek a court order to enjoin and/or abate the nuisance.

(2) *Notice to owner and occupant.* Prior to seeking any court order to enjoin or abate a nuisance or threatened nuisance, the director of public services, director of development services, or the

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authorized inspector, shall provide notice of the proposed injunction or abatement to the owner and occupant, if any, of the property where the nuisance or threatened nuisance is occurring.

(3) *Emergency abatement.* In the event the nuisance constitutes an imminent danger to public safety or the environment, the director of public services, director of development services or the authorized inspector, may enter the property from which the nuisance emanates, abate the nuisance and restore any property affected by the nuisance. To the extent reasonably practicable, informal notice shall be provided to the owner or occupant prior to abatement. If necessary to protect the public safety or the environment, abatement may proceed without prior notice to or consent from the owner or occupant thereof and without judicial warrant.

(i) An imminent danger shall include, but is not limited to, exigent circumstances created by the dispersal of pollutants, where the same presents a significant and immediate threat to the public safety or the environment.

(ii) Notwithstanding the authority of the city to conduct an emergency abatement action, an administrative hearing pursuant to section 8-34(a)(8) herein above shall follow the abatement action.

(4) *Reimbursement of costs.* All costs incurred by the city in responding to any nuisance, all administrative expenses and all other expenses recoverable under state law, shall be recoverable from the person(s) creating, causing, committing, permitting or maintaining the nuisance.

(5) *Nuisance lien.* All costs shall become a lien against the property from which the nuisance emanated and a personal obligation against the owner thereof in accordance with Government Code sections 38773.1 and 38773.5. The owner of record of the property subject to any lien shall be given notice of the lien prior to recording as required by Government Code section 38773.1.

(i) At the direction of the director of public services, director of development services, or the authorized inspector, the enforcing attorney is authorized to collect nuisance abatement costs or enforce a nuisance lien in an action brought for a money judgment or by delivery to the county assessor of a special assessment against the property in accord with the conditions and requirements of Government Code section 38773.5.

(c) *Criminal sanctions.*

(1) *Prosecutor.* The enforcing attorney may act on the request of the director of public services, director of development services, or the authorized inspector, to pursue enforcement actions in accordance with the provisions of this chapter and section 1-33 of this Code.

(2) *Infractions.* Any person who may otherwise be charged with a misdemeanor under this chapter may be charged, at the discretion of the authorized inspector or the enforcing attorney, with an infraction pursuant to section 1-33.

(3) *Misdemeanors.* Any person who negligently or knowingly violates any provision of this chapter, undertakes to conceal any violation of this chapter, continues any violation of this chapter after notice thereof, or violates the terms, conditions and requirements of any permit issued pursuant to this chapter, shall be guilty of a misdemeanor punishable pursuant to section 1-33.

(d) *Consecutive violations.* Each day in which a violation occurs and each separate failure to comply with either a separate provision of this chapter, an administrative compliance order, a cease and desist

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order, or civil citation, or a permit issued pursuant to this chapter, shall constitute a separate violation of this chapter punishable by fines or sentences in accordance herewith and section 1-33.

(e) *Non-exclusive remedies.* Each and every remedy available for the enforcement of this chapter shall be non-exclusive and it is within the discretion of the authorized inspector or enforcing attorney to seek cumulative remedies, except that multiple monetary fines or penalties shall not be available for any single violation of this chapter.

(f) *Citations.*

(1) Pursuant to Penal Code section 836.5, the authorized inspector shall have the authority to cause the arrest of any person committing a violation of this chapter. The person shall be released and issued a citation to appear before a magistrate in accordance with Penal Code sections 853.5, 853.6, and 853.9, unless the person demands to be taken before a magistrate. Following issuance of any criminal citation, the authorized inspector shall refer the matter to the enforcing attorney pursuant to section 1-33.

(2) Each criminal citation to appear shall state the name and address of the violator, the provisions of this chapter violated, and the time and place of appearance before the court, which shall be at least ten (10) business days after the date of violation. The person cited shall sign the citation giving his or her written promise to appear as stated therein. If the person cited fails to appear, the enforcing attorney may request issuance of a warrant for the arrest of the person cited.

(g) *Violations of other laws.* Any person acting in violation of this chapter also may be acting in violation of the Federal Clean Water Act or the State Porter-Cologne Act and other laws and also may be subject to sanctions including civil liability. Notwithstanding section 1-33, the enforcing attorney is authorized to file a citizen suit pursuant to Federal Clean Water Act section 505(a), seeking penalties, damages, and orders compelling compliance, and other appropriate relief. The enforcing attorney may notify EPA Region IX, the Santa Ana or San Diego Regional Water Quality Control Boards, or any other appropriate state or local agency, of any alleged violation of this chapter.

(h) *Injunctions.* At the request of the director of public services, director of development services, or the authorized inspector, the enforcing attorney may obtain consent from the city council to cause the filing, in a court of competent jurisdiction, a civil action seeking an injunction against any threatened or continuing noncompliance with the provisions of this chapter.

(1) *Order for reimbursement.* Any temporary, preliminary or permanent injunction issued pursuant hereto may include an order for reimbursement to the city of all costs incurred in enforcing this chapter, including costs of inspection, investigation and monitoring, the costs of abatement undertaken at the expense of the city, costs relating to restoration of the environment and all other expenses as authorized by law.

(i) *Other civil remedies.*

(1) At the request of the director of public services, development services, or the authorized inspector, the enforcing attorney may obtain consent of the city council to cause the filing of a civil action in a court of competent jurisdiction, seeking recovery of: (i) all costs incurred in enforcement of the chapter, including but not limited to costs relating to investigation, sampling, monitoring, inspection, administrative expenses, all other expenses as authorized by law, and consequential damages, (ii) all costs incurred in mitigating harm to the environment or reducing the threat to

human health, and (iii) damages for irreparable harm to the environment.

(2) Pursuant to section 1-33, the enforcing attorney is authorized to file actions for civil damages resulting from any trespass or nuisance occurring on public land or to the stormwater drainage system from any violation of this chapter where the same has caused damage, contamination or harm to the environment, public property or the stormwater drainage system.

(3) The remedies available to the city pursuant to the provisions of this chapter shall not limit the right of the city to seek any other remedy that may be available by law and section 1-33.

(Ord. No. 97-20, § 2, 7-21-97)

Sec. 8-35. - Permits.

(a) *Discharge permit procedure.*

(1) *Permit.* On application of the owner of property or the operator of any facility, which property or facility is not otherwise subject to the requirements of a state general permit or a National Pollution Discharge Elimination System Permit regulating stormwater discharges, the director of public services, or the authorized inspector, may issue a permit authorizing the release of non-stormwater discharges to the stormwater drainage system if:

(i) The discharge of material or constituents is reasonably necessary for the conduct of otherwise legal activities on the property; and

(ii) The discharge will not cause a nuisance, impair the beneficial uses of receiving waters, or cause any reduction in established water quality standards.

(2) *Application.* The applicant shall provide all information requested by the director of public services, or the authorized inspector, for review and consideration of the application, including but not limited to specific detail as to the activities to be conducted on the property, plans and specifications for facilities located on the property, identification of equipment or processes to be used on-site and other information as may be requested in order to determine the constituents, and quantities thereof, which may be discharged if permission is granted.

(3) *Permit issuance.* The permit shall be granted or denied by the director of public services, or his or her designated representative, no later than sixty (60) business days following the completion and acceptance of the application as determined by the director of public services.

(i) The applicant shall be notified in person or by first-class mail, postage prepaid, of the action taken.

(4) *Permit conditions.* The permit may include terms, conditions and requirements to ensure compliance with the objectives of this chapter and as necessary to protect the receiving waters, including but not limited to:

(i) Identification of the discharge location on the property and the location at which the discharge will enter the stormwater drainage system;

(ii) Identification of the constituents and quantities thereof to be discharged into the stormwater drainage system;

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(iii) Specification of pollution prevention techniques and structural or non-structural control requirements as reasonably necessary to prevent the occurrence of potential discharges in violation of this chapter;

(iv) Requirements for self-monitoring of any discharge;

(v) Requirements for submission of documents for data, such as technical reports, production data, discharge reports, self-monitoring reports and waste manifests; and

(vi) Other terms and conditions appropriate to ensure compliance with the provisions of this chapter and the protection of receiving waters, including requirements for compliance with best management practices guidance documents approved by any federal, State of California or regional agency.

(5) *General permit.* In the discretion of the director of public services, or the authorized inspector, the permit may, in accordance with the conditions identified in paragraph (4) of this subsection (a), be prepared as a general permit applicable to a specific category of activities. If a general permit is issued, any person intending to discharge within the scope of the authorization provided by the general permit may do so by filing an application to discharge with the director of public services, or the authorized inspector. No discharge within the scope of the general permit shall occur until such application is so filed.

(i) Notwithstanding the foregoing in this paragraph (5), the director of public services, or the authorized inspector, in his or her discretion, may eliminate the requirement that an application for a general permit be filed for any specific activity for which a general permit has been issued.

(6) *Permit fees.* The permission to discharge shall be conditioned upon the applicant's payment of the city's costs, in accordance with a fee schedule adopted by separate resolution of city council, as follows:

(i) For individually issued permits, the costs of reviewing the permit application, preparing and issuing the permit, and the costs reasonably related to administering this permit program.

(ii) For general permits, the costs of reviewing the permit application, that portion of the costs of preparing the general permit which is reasonably attributable to the permittee's application for the general permit program. Notwithstanding the foregoing, no permit fee shall be charged for a general permit issued pursuant to paragraph (5)(i) of this subsection(a).

(b) *Permit suspension, revocation or modification.*

(1) The director of public services, or the authorized inspector, may suspend or revoke any permit when it is determined that:

(i) The permittee has violated any term, condition or requirement of the permit or any applicable provision of this chapter; or

(ii) The permittee's discharge or the circumstances under which the discharge occurs have changed so that it is no longer appropriate to except the discharge from the prohibitions on prohibited discharge contained within this chapter; or

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- (iii) The permittee fails to comply with any schedule for compliance issued pursuant to this chapter; or
- (iv) Any regulatory agency, including EPA or a Regional Water Quality Control Board having jurisdiction over the discharge, notifies the city that the discharge should be terminated.

(2) The director of public services, or the authorized inspector, may modify any permit when it is determined that:

- (i) Federal or state law requirements have changed in a manner that necessitates a change in the permit; or
- (ii) The permittee's discharge or the circumstances under which the discharge occurs have changed so that it is appropriate to modify the permit's terms, conditions or requirements; or
- (iii) A change to the permit is necessary to ensure compliance with the objectives of this chapter or to protect the quality of receiving waters.
- (iv) The permittee, or in the case of a general permit, each person who has filed an application pursuant to this section, shall be informed of any change in the permit terms and conditions at least sixty (60) days prior to the effective date of the modified permit. In the case of a general permit issued pursuant to this section, any change in the permit terms and conditions shall be published in a newspaper of general circulation within the city at least sixty (60) days prior to the effective date of the modified permit.

(3) The determination that a permit shall be denied, suspended, revoked or modified may be appealed by a permittee pursuant to the same procedures applicable to appeal of an administrative compliance order hereunder. In the absence of a judicial order to the contrary, the permittee may continue to discharge pending issuance of the final administrative decision by the hearing officer.

(c) *Permit enforcement.*

(1) *Penalties.* Any violation of the terms, conditions and requirements of any permit issued by the director of public services, or the authorized inspector, shall constitute a violation of this chapter and subject the violator to the administrative, civil and criminal remedies available under this chapter and section 1-33.

(d) Compliance with the terms, conditions and requirements of a permit issued pursuant to this chapter shall not relieve the permittee from compliance with all federal, state and local laws, regulations and permit requirements, applicable to the activity for which the permit is issued.

(1) *Limited permittee rights.* Permits issued under this chapter are for the person or entity identified therein as the "permittee" only, and authorize the specific operation at the specific location identified in the permit. The issuance of a permit does not vest the permittee with a continuing right to discharge.

(2) *Transfer of permits.* No permits issued to any person may be transferred to allow:

- (i) A discharge to the stormwater drainage system at a location other than the location stated in the original permit; or
- (ii) A discharge by a person other than the person named in the permit, provided however,

that the city may approve a transfer if written approval is obtained, in advance, from the director of public services, or the authorized inspector.

(Ord. No. 97-20, § 2, 7-21-97)

Sec. 8-36. - Interagency cooperation.

(a) The city intends to cooperate with other agencies with jurisdiction over stormwater discharges to ensure that the regulatory purposes underlying stormwater regulations promulgated pursuant to the Clean Water Act (33 USC section 1251 et seq.) are met.

(b) The city may, to the extent authorized by law, elect to contract for the services of any public agency or private enterprise to carry out the planning approvals, inspections, permits and enforcement authorized by this chapter.

(Ord. No. 97-20, § 2, 7-21-97)

Sec. 8-37. - Compliance disclaimer.

Full compliance by any person or entity with the provisions of this chapter shall not preclude the need to comply with other local, state or federal statutory or regulatory requirements, which may be required for the control of the discharge of pollutants into stormwater and/or the protection of stormwater quality.

(Ord. No. 97-20, § 2, 7-21-97)

Sec. 8-38. - Severability.

If any provision of this chapter or the application of the chapter to any circumstance is held invalid, the remainder of the chapter or the application of the chapter to other persons or circumstances shall not be affected.

(Ord. No. 97-20, § 2, 7-21-97)

Sec. 8-39. - Repeal of prior ordinance.

The enactment of this chapter by city shall repeal the provisions of County Ordinance No. 703, enacted for the permitting of discharges of industrial waste to ground or surface waters and no new discharge permits shall be issued thereunder; provided however, that connection to discharge under the terms and conditions of any individual discharge permit issued prior to the date of enactment of this chapter shall be allowed hereunder as a legal nonconforming connection.

(Ord. No. 97-20, § 2, 7-21-97)

Sec. 8-40. - Judicial review.

The provisions of sections 1094.5 and 1094.6 of the Code of Civil Procedure set forth the procedure for judicial review of any act taken pursuant to this chapter. Parties seeking judicial review of any action taken pursuant to this chapter shall file such action within ninety (90) days of the occurrence of the event for which review is sought.

(Ord. No. 97-20, § 2, 7-21-97)

TITLE 8 - HEALTH AND SANITATION
CHAPTER III. - WATER QUALITY

Secs. 8-41—8-75. - Reserved.

SECTION C-5

MUNICIPAL ACTIVITIES

PROGRAM EFFECTIVENESS ASSESSMENT

C-5.0 Municipal Activities

C-5.1 Introduction

This section discusses the implementation of the inventory, prioritization, inspection, and reporting program for municipal facilities and field programs.

C-5.1.1 Overall Program Management

The key staff responsible for overseeing, implementing, and enforcing the municipal program element are identified in an Organization Chart (Figure A-7-1) of the City's Local Implementation Plan (LIP).

C-5.2 Inventory of Fixed Facilities, Field Programs, Drainage Facilities (LIP Section A-5.2.1)

The City has developed an inventory of its identified municipal facilities. Summaries of the municipal inventory are provided below.

Municipal Facility Inventory by Jurisdiction Santa Ana Region

Main Municipal Fixed Facility Types	Sub-Category Facility Types	Total Number of Municipal Facilities in Inventory
Municipal Waste Facilities	Active or Closed Municipal Landfills	0
	Publicly Owned Treatment Facilities	0
	Incinerators	0
	Solid Waste Transfer Facilities	0
	Land Application Sites	0
	Sites for Disposing and Treating Sewage Sludge	0
	Hazardous Waste Treatment, Disposal, and Recovery Facilities	0
	Uncontrolled Sanitary Landfills	0
Corporation Yards	Corporation Yards	1
	Maintenance Yards	2
	Storage Yards for Materials	1
Other Municipal Owned Facilities	Airfields (Landside Operations)	0
	Parks and Cemeteries	33
	Public Buildings (Police, Fire, Libraries, etc.)	19
	Stadiums	0
	Stables	0
	Boat/Shipping Yards	0
	Animal Shelters/Services	0
	Public Parking Facilities	5
Other Facilities Identified by the Municipality	1	

	Total for all Categories:	62
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Main Municipal Field Program Types	Sub-Category Field Program Types	Total Number of Field Programs in Inventory
Field Programs	Graffiti Removal	1
	Flood Control Channel Maintenance	0
	Street Maintenance	1
	Rodent Control	0
	Landscape Maintenance	1
	Total for all Categories:	3

The municipal inventory is updated on an ongoing basis and provided to the Regional Board as a part of this Annual Progress Report submittal.

C-5.3 Prioritization of Sites (LIP Section A-5.2.2)

The City prioritized the municipal sites as high, medium or low based on their respective threat to water quality. Summaries of the prioritizations are provided below.

Jurisdictional Summary

Municipal Fixed Facility Prioritizations	Total Number of Fixed Facilities
Mandatory high priority facilities	2
Number of "other" high priority facilities	0
Number of medium priority facilities	0
Number of low priority facilities	60
Total Number of Facilities:	62

C-5.4 Flood Control Structures

Not applicable to the Santa Ana Region

C-5.5 Model Maintenance Procedures (LIP Section A-5.2.3)

BMP fact sheets have been developed and included as a part of the Municipal Activities program. The fact sheets include a description of specific BMPs for common municipal activities that may discharge pollutants and provide a focus on the Pollution Prevention measures that the facility should implement. The activity based Municipal Activities fact sheets that were developed are fact sheets DF-1, FP-1 to FP-7, and FF-1 to FF-13 and are included as an attachment to the City's LIP.

C-5.6 Inspection (LIP Section A-5.2.4)

The City inspected the Santa Ana Region municipal facilities at the frequency determined by the priority ranking assigned to each facility as identified in the LIP. The inspections generally include a review of the material and waste handling practices, BMP implementation and evidence of past or present unauthorized non-stormwater discharges.

Municipal Facility Inspections by Fixed Facility Type

Main Municipal Fixed Facility Types	Sub-Category Facility Types	Total Number of Municipal Facilities Inspected
Municipal Waste Facilities	Active or Closed Municipal Landfills	0
	Publicly Owned Treatment Facilities	0
	Incinerators	0
	Solid Waste Transfer Facilities	0
	Land Application Sites	0
	Sites for Disposing and Treating Sewage Sludge	0
	Hazardous Waste Treatment, Disposal, and Recovery Facilities	0
	Uncontrolled Sanitary Landfills	0
Corporation Yards	Corporation Yards	1
	Maintenance Yards	2
	Storage Yards for Materials	1
Other Municipal Owned Facilities	Airfields (Landside Operations)	0
	Parks and Cemeteries	33
	Public Buildings (Police, Fire, Libraries, etc.)	19
	Stadiums	0
	Stables	0
	Boat/Shipping Yards	0
	Animal Shelters/Services	0
	Public Parking Facilities	5
	Other Facilities Identified by the Municipality	1
	Total for all Categories:	62

Main Municipal Field Program Types	Sub-Category Field Program Types	Total Number of Field Programs Inspected
Field Programs	Graffiti Removal	1
	Flood Control Channel Maintenance	NA
	Street Maintenance	1
	Rodent Control	NA
	Landscape Maintenance	1
	Total for all Categories:	3

The number of facilities requiring corrective action identified during these inspections is presented below along with information on follow-up inspections and enforcement actions conducted.

Summary of Inspection Results

Municipal Fixed Facility Inspection Results	
Number of Facilities/Field Programs Requiring Corrective Action	2
Number of Violations	5
Number of Re-inspections	2

As part of municipal facility inspections the City inspectors determine the level of BMP implementation and also assess the effectiveness of the implemented BMPs. For each of the facility's areas of activity, the inspector observes whether BMPs are in place and effective. The inspector may encounter situations where BMPs are in place but are not effectively applied. The inspector uses their best professional judgment and decides how much time to allow the manager to correct the problem. Based on the results of the inspections conducted, a summary of the status of the BMP implementation is provided below.

Municipal Fixed Facility BMP Implementation	
Number of Facilities/Field Programs with BMPs Fully Implemented	65
Number of Facilities/Field Programs with BMPs Partially Implemented	0
Number of Facilities/Field Programs With No BMPs	0

C-5.6.1 Enforcement

There are various actions the City may take when an inspection highlights a problem at a Santa Ana Region municipal facility. Possible actions include the issuance of verbal and written instructions or, in the instance of contracted services, action under the ordinance or termination of the contract or lease.

C-5.6.2 Reporting

Number of Reports Made to the Regional Board	1
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C-5.7 Education and Training (LIP Section A-5.4)

C-5.7.1 Training

The City also trained its municipal staff by having them attend both Permittee sponsored training as well as other city, regional training and workshop opportunities. These training efforts are summarized in Section C-3.5 of the PEA.

C-5.7.2 Education

The City has conducted outreach to its fixed facilities, field programs, drainage facilities, contracted activities, and leased facilities within its jurisdiction to ensure that they are informed of their responsibilities. This outreach is summarized in Section C-6.3 of the PEA.

Website

Information relating to municipal activities can be found on the Cities website:
www.costamesaca.gov

C-5.8 Municipal Program Assessment

No significant changes were noticed during the reporting period.

C-5.9 Municipal Program Modifications

The program modifications that will be made to the Municipal section of the City's LIP include the following: There were no modifications made during this reporting period.

C-5.A ATTACHMENT 1

During the Fourth Term Permit period, the Permittees have continued to implement a number of municipal activities BMP programs included in the 2003 DAMP. These BMP programs are as follows:

- Trash and Debris Controls (formerly Litter Control)
- Solid Waste Collection/Recycling
- Drainage Facility Maintenance
- Catch Basin Stenciling
- Street Sweeping
- Household Hazardous Waste (HHW) Collection

In order to maintain the integrity and value of the data that has already been gathered over prior years and to provide overall validation of the success of these programs in diverting materials from the storm drain system, this information is again being sought.

C-5.A.1 Trash and Debris Controls

Indicate which of the following litter control programs, such as municipal litter ordinances, provision of public trash receptacles, periodic clean-up programs and/or “city beautification day” type events where a special effort is made to collect household trash.

The city uses the following practices to ensure litter control :

Litter Control Practices Utilized	
Litter Ordinance	
Public Trash Receptacles	
Clean-up Program(s)	
Special/Bulky Item Pickup(s)	
Household Hazardous Waste Pickup Events	
Electronic Waste Events	
Use tire roundup and motor oil pick up	

These practices have proven effective in controlling trash and debris over the 2011-12 reporting term.

C-5.A.2 Solid Waste Collection/Recycling

Total weight (tons) of solid waste collected during the reporting year.	3,657
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C-5.A.3 Drainage Facility and Infrastructure Maintenance

The city cleans and maintains at least 80% of its drainage facilities annually and 100% of its drainage facilities biennially.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
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Total Length of Channel/Pipe Cleaned (ft)	4,805
Total Number of Catch Basins in City	1165
Total Number of Catch Basins Inspected	1165
Total Number of Catch Basins Cleaned in City	1135
Percentage of Catch Basins Cleaned	97%
Total Volume (tons) of Material/Debris Removed	20
Method of Material/Debris Removal (i.e. vacuum truck, hand crew)	<i>Vac Truck, Hand</i>
Other Maintenance Activities: _____	

Assessment of Maintenance Frequency

The City has reviewed its frequency schedule for maintenance of its drainage facilities and has determined a more aggressive maintenance frequency is not needed.

Status of BMP Implementation

SECTION C-5, Municipal Activities

Drainage Facility and Infrastructure BMPs	Ongoing	New	Modified	Imple-mented
Pollution Prevention - Train Maintenance Staff - Inspect at least annually	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pollution Prevention - Train Maintenance Staff - Conduct intermittent inspections	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pollution Prevention - Train Maintenance Staff - Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Source and Treatment Control - Clean catch basins at least annually - Use vacuum truck or suction equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Source and Treatment Control - Clean catch basins at least annually - Use manual labor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Source and Treatment Control - Clean catch basins at least annually - Plug inlet during cleaning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Source and Treatment Control - Clean catch basins at least annually - Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Source and Treatment Control - Clean catch basins intermittently as needed - Clean at pipeline gradient changes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Source and Treatment Control - Clean catch basins intermittently as needed - Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Treatment Control - Clean dissipaters as needed - Use vacuum truck	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

There are dry weather sewer diversions in place.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
--	------------------------------	--

Date Started	Channel Name	Location of Diversion	Costs For Diversion Setup	Costs for Diversion per Gallon	Amount of Flow Diverted

There was a need to evaluate for potential additional drainage facility sewer diversions for dry weather flows. <i>There is currently a proposal to divert dry weather flows in the Santa Ana Delhi channel for TMDL compliance.</i>	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
---	---	-----------------------------

Channel	Location of	Cost for	Cost for	Amount of	Status
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Name	Diversion	Diversion Setup	Diversion Per Gallon	Flow Diverted
Greenville Banning	In channel			

Drainage Facility Retrofits

Watershed	Type of Retrofit	Manufacturer (if available)	Number Implemented	Type of Analysis

C-5.A.4 Catch Basin Stenciling

Total Number of Catch Basins Re-stenciled during the Reporting Period	0
Percentage of Catch Basins Re-stenciled during the Reporting Period	0

Provide the following information regarding the catch basin stenciling effort, within your jurisdiction.

Type of Application Used (check all that apply)	<input type="checkbox"/> Spray Paint <input checked="" type="checkbox"/> Curb Markers <input type="checkbox"/> Heat Application <input type="checkbox"/> Adhesives <input type="checkbox"/> Other: _____
Phrase Used	<input checked="" type="checkbox"/> No Dumping - Drains to Ocean <input type="checkbox"/> Other: _____

The following organizations were used to perform stenciling.

Volunteer/ Other Organization	Number of Catch Basins They Re-Stenciled During the Reporting Period
NA	NA

C-5.A.5 Street Sweeping

Did you purchase new street sweeping equipment or establish new contracts for said services?

New street sweeping equipment was purchased or new contracts for said services were implemented.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
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Provide information regarding the type(s) and number(s) of street sweepers used, sweeping frequency, and amount and type of material collected:

Type of Street Sweeper	Number of Each Type of Sweeper
Brush	
Vacuum	
Brush Assisted	
Regenerative Air	5
Other: _____	

Total Volume of Debris Collected from Street Sweeping (tons)	1,363	
Total Curb Miles Swept	38,350	
Frequency of Street Sweeping (i.e. weekly, bi-weekly, monthly)	Weekly	
Parking restrictions are in place for street sweeping	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Street sweeping activities are monitored for adherence to manufacturer's specifications for optimal performance.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Streets are inspected for sweeper effectiveness. Daily visual checks	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

C-5.A.6 Household Hazardous Waste Collection

City conducts toxic roundup or household hazardous waste collection days.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
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If yes, please also fill out the table below categorizing your waste.

Category - Type of Waste		Amount of Waste Collected (Pounds)
Flammable & Poison	Flammable Solid/Liquid	
	Bulked Flammable Liquids	
	Oil-Based Paint	
	Poison (Excl. aerosols)	
	Reactive & Explosive	
Acid	Inorganic Acid	
	Organic Acid	

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Base	Inorganic Acid	
	Organic Acid	
Oxidizer	Neutral Oxidizer	
	Organic Peroxides	
	Oxidizing Acid	
	Oxidizing Base	
PCB Containing	PCB Containing Paint	
	Other PCB Waste	
Aerosol	Corrosive Aerosols	
	Flammable Aerosols	
	Poison Aerosols	
Reclaimable	Antifreeze	
	Car Batteries	
	Fluorescent Bulbs	
	Latex Paint	
	Motor Oil/Oil Products	
	Oil Filters	
	Mercury (Metallic)	
Other	Medical Waste	
	Household Batteries	
	Other: _____	
Asbestos	Asbestos	
TOTAL :		

City participates in a Used Oil Grant	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Date Grant Begins	6/30/2011	
Date Grant Ends	7/1/2012	
Gallons of Motor Oil/Oil Products Collected	17,560	
Oil Filters Collected (units)	2,100	

C-5.A.7 Integrated Pest Management (IPM)

The County of Orange, in cooperation with the UC Cooperative Extension Program, developed an Integrated Pest Management Policy and Implementation Guidelines in April 2010.

The City has adopted the April 2010 IPM Policy.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
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A. Fertilizer Management

SECTION C-5, Municipal Activities

The IPM policy in place includes procedures to manage fertilization to protect water quality.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
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Please list the types and quantities of fertilizers that were applied in your jurisdiction during the last fiscal year. If both city personnel and contractors apply fertilizers, please provide information for each of them.

Brand Name	Fertilizer Analysis			Amount Applied (lbs)	Total Acreage Fertilized in Jurisdiction During Reporting Period*
	Nitrogen	Phosphorous	Potassium		
Spread it and Forget it	43	0	0	6450	26
Turf Royale	21	7	14	700	3

*Note: total number of acres reported indicates the total acreage over which all types of fertilizer were applied.

B. Pesticide Management

Acres of land treated with insecticides.		
The IPM policy in place minimizes or eliminates the use of pesticides identified in monitoring programs as high risk.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

Please list the types and quantities of pesticides that were applied in your jurisdiction during the last fiscal year. The majority of this information can be found on the pesticide use reports submitted to the Agricultural Commissioner. If city personnel and contractors apply pesticides, please provide information for both.

Pesticide Class of Interest	Active Ingredient	Brand Name	EPA Registration Number	% Active Ingredient*	Total Product Used**	Units (lbs, dry oz, liquid oz, gal)
Pyrethroid	Bifenthrin					
	Permethrin					
	Cypermethrin					
	Cyfluthrin					
Organo-phosphate	Malathion					
	Dimethoate					
	Diazinon					
	Chlorpyrifos					

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Phenyl-pyrazole	Fipronil					
Phosphono-glycine	Glyphosate	Aquama ster	524-343	53.8	1761	oz
	Glyphosate	Quik Pro	524-535	73.3	1282	oz
	Glyphosate	Round Up	527-579	48.7	3301	oz
	Glyphosate	Glyphosa te Pro 4	72112-4	41	9842	oz
Plant Growth Regulator	Dikegolic-Sodium	Attrimec	2217-776	18.5	819	oz
Plant Growth Regulator	2,4-D (phenoxy)	Speedzon e Southern Green	2217-835	10.49	2399	oz

*Information is found on pesticide label.

**Note: The amount of pesticide taken from the original pesticide container and put in the tank (this should be the total product from the container, not the diluted amount applied).

C-5.A.8 Storm Drain System Map(s)

The city storm drain system maps are attached. No revisions were made to the storm drain maps during the 2011-12 reporting term.

SECTION C-6

PUBLIC EDUCATION

PROGRAM EFFECTIVENESS ASSESSMENT

C-6.0 Public Education

C-6.1 Introduction

The Public Education Section summarizes the education and outreach activities implemented by the City and County as Principal Permittee, in order to maintain compliance with Section XII of SARWQCB Order No. R8-2009-0030.

Protecting receiving water quality requires raising public awareness and fostering environmentally protective public behavior. Public education is an integral part of the City's municipal stormwater program. The city supports implementation of the countywide public education program – *Project Pollution Prevention* to enhance the likelihood that key messages will be noticed and that target audiences will support and participate in the program implementation.

The City's education and training program strives to measurably increase knowledge regarding MS4s, impacts of runoff on receiving waters, and potential Best Management Practice (BMP) solutions as well as measurably change the behavior of target communities in an effort to reduce storm water pollution and eliminate prohibited non-storm water pollutant releases to MS4s and the environment.

Individual residences, construction sites and industrial/commercial facilities present differing potential threats to stormwater quality. Educational programs and activities account for these differences and cater to the following specific target audiences:

- Municipal Departments, Personnel and Contractors
- Construction Site Owners, Developers, Property Owners and Contractors
- Industrial and Commercial Owners and Operators
- Mobile Businesses
- The Residential Community
- CIA/HOAs

C-6.2 Countywide Public Education Program

The City supports, *Project Pollution Prevention* as described in the DAMP. *Project Pollution Prevention* provides the common message and theme, coordinates that message with neighboring counties and other agencies to ensure that media overflow messages are compatible and provides combined media buying power that could not be achieved by this City and the other Permittees individually.

Tracking Changes in Knowledge and Behavior

Approximately every 2-3 years, *Project Pollution Prevention* conducts a countywide Public Awareness Survey on behalf of and in coordination with the cities to scientifically assess increases in knowledge and changes in behavior. Per provision XIII.1 of Order R8-2009-0030 (NPDES No. CAS 618030) to conduct a public awareness survey, the Permittees conducted surveys in September 2009 and May 2012 (the 2009 Survey and 2012 Survey, respectively). Per Directive F of SDRWQCB Order No. R9-2009-0002 the 2009 Survey indicated both increases in

SECTION C-6, Public Education

public knowledge and positive changes in behavior, indicating that Orange County residents were more willing than in previous surveys to take part in several “stormwater safe” activities. Scientifically verifiable results from the 2009 Survey were reported in Section 6 of the FY 2009-10 and FY 2010-11 Unified Annual Reports.

The 2012 Survey, though remaining constant in format, included new questions regarding specific potentially pollution-generating activities, community groups in which residents participate and maintained questions for quantification of increases in knowledge and changes in behavior. The change in approach will guide development of *Project Pollution Prevention* and City outreach by identifying target audiences, preferred methods for receiving information and willingness to participate in water quality protective behaviors. Please see Section 6 of the FY 2011-12 Unified Annual Report for a full analysis of survey results.

Outreach to Mobile Businesses

Mobile businesses must be targeted as part of an outreach effort to reduce sources of pollutants and non-stormwater discharges from mobile business activities. *Project Pollution Prevention* has produced outreach materials distributed as part of a mobile business program implemented by the County and in collaboration with the Orange County cities to target mobile business activities.

C-6.3 City Public Education Focus

The goal of the City’s public education and outreach program is to target 100% of the residents, including businesses, commercial and industrial establishments. The City, through its permitting process, targeted a number of constituencies, including builders, developers, contractors, and property owners. The City also used its inspection programs of industrial and commercial facilities and other liaison mechanisms for outreach purposes. Fact sheets and other appropriate materials developed by *Project Pollution Prevention* provided during inspections supplemented communication during inspections.

The City’s public education focus is intended to support the countywide effort through financial contributions, participation in the Public Education Sub-Committee and the use of countywide materials, thematic messages and common look. The City supplements the countywide campaign at a local level in the following ways:

Public Education Material Distribution

The City made the following educational materials available to its residents at public facilities:

Available Material(s)	Public Facility
The Ocean Begins	City Hall, NCC

SECTION C-6, Public Education

The city provided the following educational material to the following target audiences during the reporting period.

Target Audience	Audience Reached?	Material	Program Element
Jurisdictional Employees (non-stormwater staff training)	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Training	Section 6 - Public Education
Planning Board/Commission and Elected Officials	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Training	Section 7 - New Development
Municipal Fixed Facility Owners/Operators Municipal Area Owners/Operators	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Training	Section 5 - Municipal Activities
Municipal Field Program Operators Municipal Activity Operators	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Training	Section 5 - Municipal Activities
Construction Site Contractors/Developers	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Construction Brochure	Section 7 - New Development
Industrial Site Owners and Operators	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Site Inspections	Section 9 - Existing Development/Section 10 - ID/IC
Commercial Site Owners and Operators	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Site Inspections	Section 9 - Existing Development/Section 10 - ID/IC
ID/IC Incident - Responsible Party	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	Verbal Education at time of violation/Citation	Section 10 - ID/IC

Outreach to Residential Community, General Public, and School Children:

Educating the general public and school children as part of the Residential Program is essential to a successful outreach plan. The Residential Program, further described in Section 9 of this report, consists of the following components:

Component	Material	Audience
	Fact sheets	
Household Hazardous Waste Collection		Residential
Existing Development/ID/IC		Residential

SECTION C-6, Public Education

The following initiatives targeted collection of household hazardous waste and used oil:

Initiative	Description
Used Oil Collection Household Hazardous Waste Roundup	

The City participated in the following event(s):

Event	Date	Audience
Children's Water Festival		Grade School Children

Outreach to Schools:

The following initiatives targeted schools:

Initiative	School(s)
WHALES	Costa Mesa High School

Outreach to Quasi-Governmental Agencies/Districts:

The following approaches were made to quasi-governmental agencies/districts:

Initiative	Agency(s)/District(s)
Irrigation Runoff Reduction	Mesa Consolidated Water District

Outreach to Homeowners Associations (HOAs) and Common Interest Areas (CIAs):

The following approaches were made to HOAs and CIAs:

Initiative	Audience(s)

C-6.4 Public Participation

Public participation allows the public to be directly involved with the stormwater program. The City has encouraged public participation at the local level by:

Public Participation Opportunity	Date
Council Meetings	First and third Tuesday of every month

Public and Business Sector Workshops:

Workshops for several public and business sectors were provided to the public by the Principal Permittee on a regional basis as part of *Project Pollution Prevention*. Workshops are held on behalf of the City in accordance with permit requirements. See Section 6 of the FY 2011-12 Unified Annual Report for a full description of workshops offered during the reporting period.

C-6.5 Program Effectiveness Assessment

Through its own public education effort, the City made the following number of impressions during the reporting period:

7,800,000 through closed circuit television programming and outreach

Impressions achieved are reflective of those activities identified by the City to be the most cost-effective for the program. Effectiveness was determined by maximization of impressions and outreaching to the most diverse audiences given program constraints such as available staff, City budget and available outreach outlets.

C-6.6 Public Education Modifications

The program modifications that will be made to the Public Education section of the City's LIP include the following: No modifications were made to this section during the reporting period.

SECTION C-7

NEW DEVELOPMENT/REDEVELOPMENT

PROGRAM EFFECTIVENESS ASSESSMENT

C-7.0 NEW DEVELOPMENT/SIGNIFICANT REDEVELOPMENT

C-7.1 Introduction

The City has incorporated the model new development/significant development program described in DAMP Section 7.3 as the basis for this section of its LIP. This model program provides a framework and a process for incorporating watershed protection/stormwater quality management principles into the city's General Plan and environmental review and development permit approval processes. The program covers initial project planning through design, construction and completion, including requirements for long-term maintenance of permanent BMPs.

C-7.2 Background

The new development/significant development program was developed (see **DAMP Section 7.3**) to meet the new development and significant redevelopment commitments and requirements of:

- Section XII of the Santa Ana Regional Water Quality Control Board Municipal NPDES Stormwater permit, Order No. R8-2002-0010, and
- Section F.1 of the San Diego Regional Water Quality Control Board Municipal NPDES Stormwater permit, Order No. R9-2002-0001

In 2009, these requirements were superseded by:

- Section XII of the Santa Ana Regional Water Quality Control Board Municipal NPDES Stormwater permit, Order No. R8-2009-0030, and
- Section F.1 of the San Diego Regional Water Quality Control Board Municipal NPDES Stormwater permit, Order No. R9-2009-0002

Implementation of a substantially revised development/significant development program to meet the requirements of the 2009 permits began on August 17, 2011.

C-7.3 Organization Structure (LIP Section X.X)

The key staff responsible for overseeing, implementing, and enforcing the new development, redevelopment program element are identified in an Organization Chart (Figure A-7-1) of the City's Local Implementation Plan (LIP).

C-7.4 General Plan Assessment and Amendment

The General Plan was reviewed during the reporting period.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
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General Plan updates are planned for the next reporting period.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
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C-7.5 CEQA Environmental Review Process

As described in the City’s LIP, the City utilizes a City-customized CEQA checklist during the project environmental review process.

The environmental review process, inclusive of planning procedures and CEQA document preparation, were reviewed to ensure that urban runoff-related issues are properly considered and addressed.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
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C-7.6 Development Project Review, Approval and Permitting Process

C-7.6.1 Conditions of Approval

C-7.6.2 Water Quality Management Plans (WQMPs)

Project WQMPs identify the water quality BMPs applicable to the project to address pollutants or conditions of concern. The Project WQMP for a Priority Project must include:

- Determination of discretionary permits and water quality conditions that may apply;
- Project description;
- Site assessment;
- Description of selected BMPs, including LID BMPs, site design BMPs, hydromodification control BMPs, and source control BMPs (or determination of any applicable alternative compliance approaches); and
- The mechanism(s) by which long-term operation and maintenance of all structural BMPs will be provided.

The procedures for identifying pollutants of concern for each priority development project were updated.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
The <i>Treatment Control BMP Selection Matrix</i> was revised.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Site design and treatment control BMP design standards were updated.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

SECTION C-7, New Development/Redevelopment

Site design, source control and treatment control BMPs were required on all applicable priority projects?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
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To assist applicants in preparing Water Quality Management Plans, the City has made the following materials available at its planning/permitting counter and/or via its website: A MS Word version of the WQMP template on the Cities website.

During this reporting period the City approved 14 Final Project WQMPs as noted in the table below.

WQMP Approval Summary:

		Approved	Acres Covered
Priority Projects	Final Project WQMP - Public Projects	0	0
	Final Project WQMP - Private Projects	14	49.5
Non-Priority Projects	Final Project WQMP - Public Projects	0	0
	Final Project WQMP - Private Projects	28	27.9

Development Category	Acres
Total - Industrial Development (acres)	0
Total - Commercial Development (acres)	41.5
Total - Residential Development (acres)	35.9
Total - Development (acres)	77.4

In reviewing Project WQMPs, the City found that the three most common deficiencies requiring that an applicant's WQMP be revised before it could be approved were:

1	Owner signature page not signed.
2	BMP and Education material not included
3	City specific permitting and documentation not included

C-7.6.3 Treatment Control BMPs

Treatment Control BMPs are engineered technologies designed to remove pollutants from stormwater runoff and are required to augment Source Control and Site Design BMPs for Priority Projects.

There were updates to the BMPs listed in the DAMP/LIP as options for treatment control.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
A number of priority projects were subject to treatment BMP numeric sizing waivers.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

C-7.6.4 Site Design and Low Impact Development (LID)

Site Design BMPs are implemented, as appropriate, for all projects including regional or watershed programs. Site Design BMPs include the following design features and considerations:

- Control Peak Stormwater Runoff Discharge Rates
- Minimize Project’s Impervious Footprint
- Conserve Natural Areas
- Minimize Directly Connected Impervious Areas (DCIAs)
- Protect Slopes and Channels

Changes were made as to how LID/site design BMPs are applied in the planning/approval process.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Were any barriers to the implementation of LID BMPs identified?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Updates were made to the LID substitution program (if applicable).	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
A number of projects participated in the LID waiver program (if applicable).	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

C-7.6.5 Hydrologic Conditions of Concern (Hydromodification)

A change to a project site’s hydrologic regime is considered a condition of concern if the change will have a significant impact on downstream natural channels and habitat integrity, alone or in conjunction with impacts of other projects.

C-7.6.6 Issuance of Building or Grading Permits

To ensure that all applicants for building or grading permits understand that there are minimum requirements for all construction sites, the City has used the following mechanism(s): Training of planning staff has been performed.

To ensure that all applicants for building or grading permits for sites of one acre or more (1) have submitted a Notice of Intent (NOI) to the State Water Resources Control Board, and (2) understand that a Stormwater Pollution Prevention Plan (SWPPP) must be completed and onsite before any commencement of any construction activities, the City has used the following mechanism(s): Training of office staff to let developers know. There has also been a pamphlet developed specifically for construction in Costa Mesa.

C-7.7 Water Quality Management Plan (WQMP) Preparation

The Model WQMP was reviewed during the reporting period.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Changes were made to the process used to verify compliance with WQMP requirements.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

C-7.8 Post Construction BMP Inspection and Verification (LIP Section X.X)

The City has initiated the verification of BMP implementation and maintenance for sites with approved Project WQMPs as shown in the following table:

Verification Method	2011-12 Reporting Period			Cumulative
	No. of WQMPs Verified	No. of WQMPs Satisfactorily Implemented	No. of WQMPs Not Satisfactorily Implemented	No. of WQMPs Verified
Inspection/Surveys	14	14	0	38
Self Certification				
Other				

A treatment control BMP inventory has been compiled.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
Changes were made to the treatment control BMP tracking process.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Maintenance of treatment control BMPs is tracked.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

C-7.8.1 Enforcement

Changes were made to enforcement policies, processes or activities applicable to new/redevelopment.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
New/re-development enforcement activities were conducted.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO

Of those project-specific WQMPs that were verified, the City took enforcement actions as shown in the following table:

Type of Enforcement Action	Number
BMP installation verification and correction	3

C-7.9 Training and Outreach

Training

City staff has implementation responsibility related to new development and redevelopment and receive ongoing training. Staff training efforts are summarized in Section C-3.5 of the PEA.

Outreach

The City outreaches to developers, engineers/architects, and construction/general contractors to promote awareness of stormwater quality issues and requirements as they pertain to new development and significant redevelopment. The education or outreach activities conducted and the number of attendees or number distributed are summarized in Section C-6.3 of the PEA.

C-7.10 New Development/Redevelopment Program Effectiveness Assessment

The City participated in development of the updated Model Water Quality Management Plan and companion Technical Guidance Document under the aegis of a New Development stakeholder advisory group. The new land development requirements outlined in these documents became effective on August 17, 2011.

C-7.11 New Development/Redevelopment Program Modifications

Based upon the knowledge gained in preparing this Program Effectiveness Assessment, the City has identified modifications that will be made to Section A-7 of the City's LIP. Those modifications are: The City adopted the new Model WQMP and Technical Guidance document in the planning and development process and plan check review process.

SECTION C-8

CONSTRUCTION

PROGRAM EFFECTIVENESS ASSESSMENT

C-8.0 Construction

C-8.1 Introduction

The City has incorporated the model construction program described in DAMP **Section 8.4** as the basis for this section of its LIP. This construction program presents requirements and guidelines for pollution prevention methods that must be used by construction site owners, developers, contractors, municipalities, and other responsible parties, in order to protect water quality from discharges from construction site activities.

C-8.1.1 Overall Program Management

The key staff responsible for overseeing, implementing, and enforcing the construction program element are identified in an Organization Chart (Figure A-7-1) of the City’s Local Implementation Plan (LIP).

C-8.1.2 Grading Ordinance

In order to establish, maintain, and enforce adequate legal authority to control pollutant discharges into its MS4 from construction activities, the City annually reviews its grading ordinance and updates as necessary.

Grading or other relevant ordinances were updated.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
--	------------------------------	--

C-8.2 Inventory of Construction Sites (LIP Section A-8.2.2)

The City has developed a watershed based inventory of the identified construction sites within the City’s jurisdiction. Summaries of the construction inventory are provided below.

2011-12 Summary of Construction Projects

Watershed	San Gabriel River/Coyote Creek	Anaheim Bay/Huntington Harbor	Santa Ana River	Newport Bay	Newport Coastal Streams
Private Projects - Active Sites	0	0	30	4	0
Private Project - Inactive sites	0	0	0	0	0
Public Projects - Active Sites	0	0	1	0	0

SECTION C-8, Construction

Public Projects - Inactive Sites	0	0	0	0	0
Totals	0	0	31	4	0

The construction inventory is updated on an ongoing basis and provided to the Regional Boards as a part of the Annual Progress Report submittal. The updated inventory and map is included as an Attachment to this report.

C-8.3 Prioritization of Construction Sites (LIP Section A-8.2.3)

The City prioritized the construction sites as high, medium or low based on their respective threat to water quality. Summaries of the prioritizations are provided below.

2011-12 Summary of Construction Project Prioritization - Jurisdictional Summary

Construction Site Prioritizations		Total Public Project Sites	Total Private Project Sites
Projects subject to General Construction Permit		1	34
Mandatory High Priority Sites	Projects tributary to and within 500 feet of an ASBS	0	0
	Projects tributary to 303(d) waterbody impaired for sediment or turbidity	0	0
	Projects within, directly adjacent to or discharging directly to an ESA	0	0
Number of "other" high priority projects		0	0
Number of medium priority projects		0	2
Number of low priority projects		1	32

2011-12 Summary of Construction Project Prioritization

Watershed	San Gabriel River/Coyote Creek	Anaheim Bay/Huntington Harbor	Santa Ana River	Newport Bay	Newport Coastal Streams
High Priority Projects	0	0	0	0	0
Medium Priority Projects	0	0	2	0	0
Low Priority Projects	0	0	28	4	0
Totals	0	0	30	4	0

Changes were made to the procedures for identifying priorities for inspection & enforcement of construction sites (considering nature of activity, topography, soil characteristics & receiving water quality).	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
---	------------------------------	--

The construction prioritization is updated on an ongoing basis and provided to the Regional Boards as a part of the Annual Progress Report submittal. The updated inventory with the prioritizations is included as an Attachment to this report.

C-8.4 BMP Fact Sheets for Construction Projects (LIP Section A-8.2.4)

BMP fact sheets have been developed and included as a part of the Construction program. The fact sheets include a description of specific BMPs for common construction activities that may discharge pollutants and provide a focus on the Pollution Prevention measures that the facility should implement. The activity based Construction fact sheets that were developed are fact sheets from the 2009 edition of the California Stormwater Quality Association Stormwater Best Management Practice Handbook-Construction and are included as an attachment to the City's LIP.

C-8.5 Documentation Requirements

2011-12 Summary of Regional Board Notifications

Watershed	San Gabriel River/Coyote Creek	Anaheim Bay/Huntington Harbor	Santa Ana River	Newport Bay	Newport Coastal Streams
Private Construction Projects	0	0	2	0	0
Public Construction Projects	0	0	0	0	0
Totals	0	0	2	0	0

C-8.6 Municipal Inspection Requirements of Construction Sites and Reporting Requirements

The City inspected the construction sites at the frequency determined by the priority ranking assigned to each facility as identified in the LIP. The inspections generally include a review of BMP implementation through the erosion control practices, sediment control practices, tracking controls, waste and disposal management practices on a site and evidence of past or present unauthorized non-stormwater discharges.

The number of inspections completed during the current reporting year is presented below.

Jurisdictional Summary

2011-12 Summary of Construction Projects Inspection

Facility Category	Number of Inspections During the Reporting Period		
	>30 acres or ≥ 1 acre and tributary to 303(d), impaired or ESA	≥ 1 acre and not tributary to 303(d), impaired or ESA	All sites < 1 acre
Private Projects	0	3	31
Public Projects	0	1	0
Total	0	4	31

Percentage of Inventory Inspected in Reporting Year 2011-12	100%
---	------

The number of non-compliant sites identified during these inspections is presented below along with information on follow-up inspections and enforcement actions conducted.

2011-12 Summary of Construction Projects Inspection

Facility Category	Number of Inspections During the Reporting Period		
	High	Medium	Low
Private Projects	0	2	32
Public Projects	0	0	1
Total	0	2	33

Percentage of Inventory Inspected in Reporting Year 2011-12	100%
---	------

The construction inspection information and database is updated on an ongoing basis and provided to the Regional Board as a part of the Annual Progress Report submittal. The inspection related information includes, at a minimum, inspection dates, inspectors present and the results of the inspection.

Enforcement

The City's Construction Inspectors and Authorized Inspectors undertake enforcement activities according to the City's adopted Water Quality Ordinance and the countywide accompanying Enforcement Consistency Guide (DAMP Section 4.0). The enforcement mechanisms available are summarized in this section and detailed in the City's LIP.

The table below provides a summary of the numbers and types of enforcement actions against construction sites that have been taken by the City during the reporting period.

C-8.7 Training and Outreach

City staff has implementation responsibility related to construction activities and receive ongoing training. Staff training efforts are summarized in Section C-3.5 of the PEA.

Training Conducted by City Attended by City Personnel

Title of Workshop or Training Module	Date of Training	Attendee Name	Attendee Department
Construction Site Inspection	9/20/11	Tom Banks	Engineering
Construction Site Inspection	9/20/11	Larry Dreiman	Engineering
Construction Site Inspection	9/20/11	Mike Guevara	Engineering
Construction Site Inspection	9/20/11	Dave Tait	Engineering
Site Inspection/Permits Plus	8/4/11	Keith Clarke	Building
Site Inspection/Permits Plus	8/4/11	Ed Hotz	Building
Site Inspection/Permits Plus	8/4/11	Rick Brooks	Building
Site Inspection/Permits Plus	8/4/11	David Burdick	Building
Site Inspection/Permits Plus	8/4/11	Randy Buck	Building
LID/Plan Submittal	5/24/12	Claire Flynn	Planning
LID/Plan Submittal	5/24/12	Mel Lee	Planning
LID/Plan Submittal	5/24/12	Minoo Ashabi	Planning
LID/Plan Submittal	5/24/12	Hilda Veturis	Planning
LID/Plan Submittal	5/24/12	Rebecca Robins	Planning

C-8.8 Construction Program Assessment

The existing structure and efforts of the construction component continue to be effective.

C-8.9 Construction Program Modifications

The program modifications that will be made to the Construction section of the City's LIP include the following: There were no modifications to this section during the reporting period.

Overview Map



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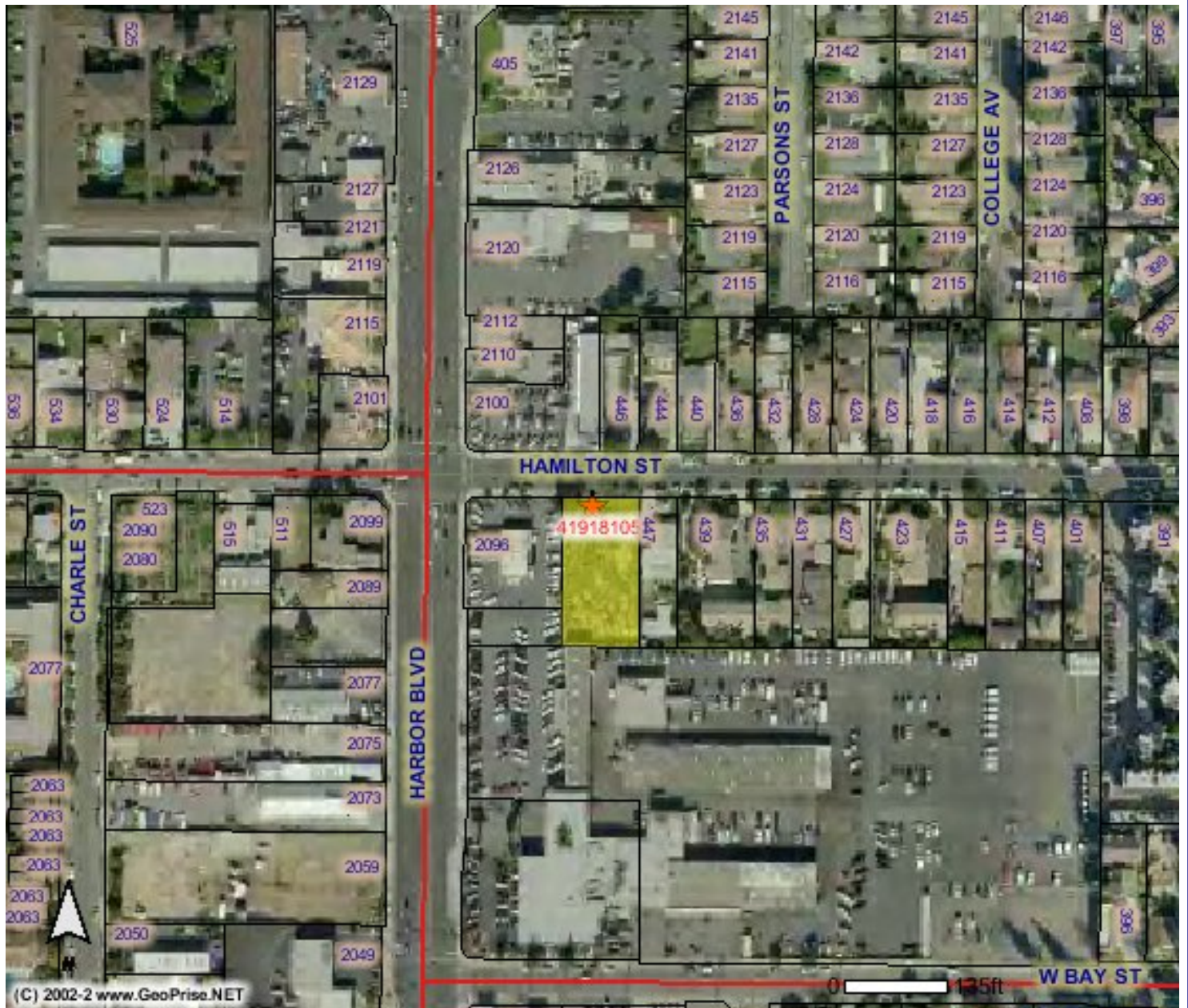
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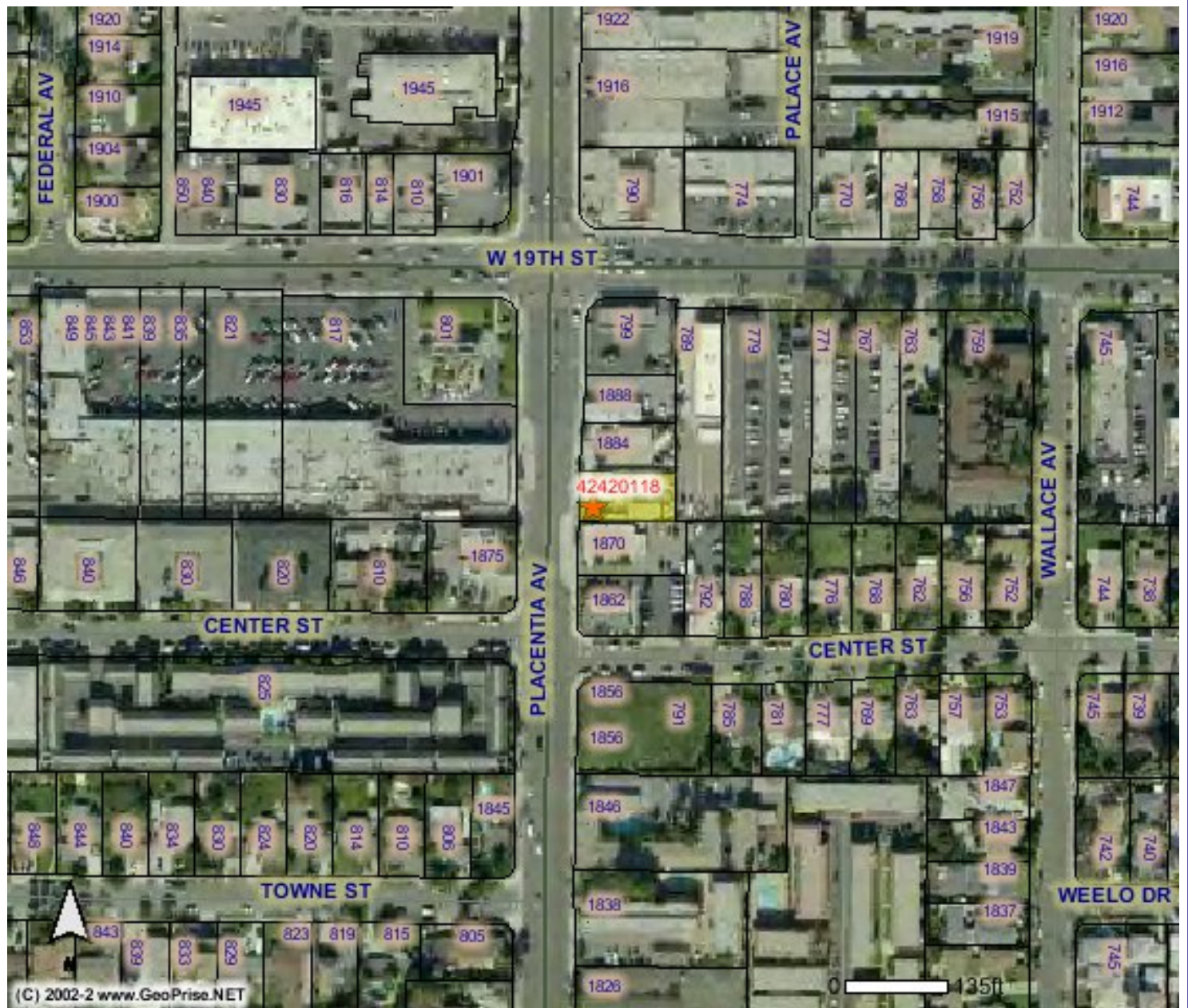
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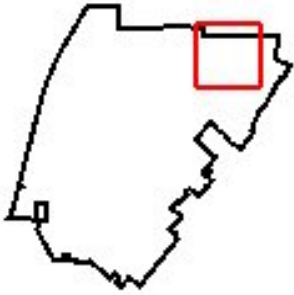
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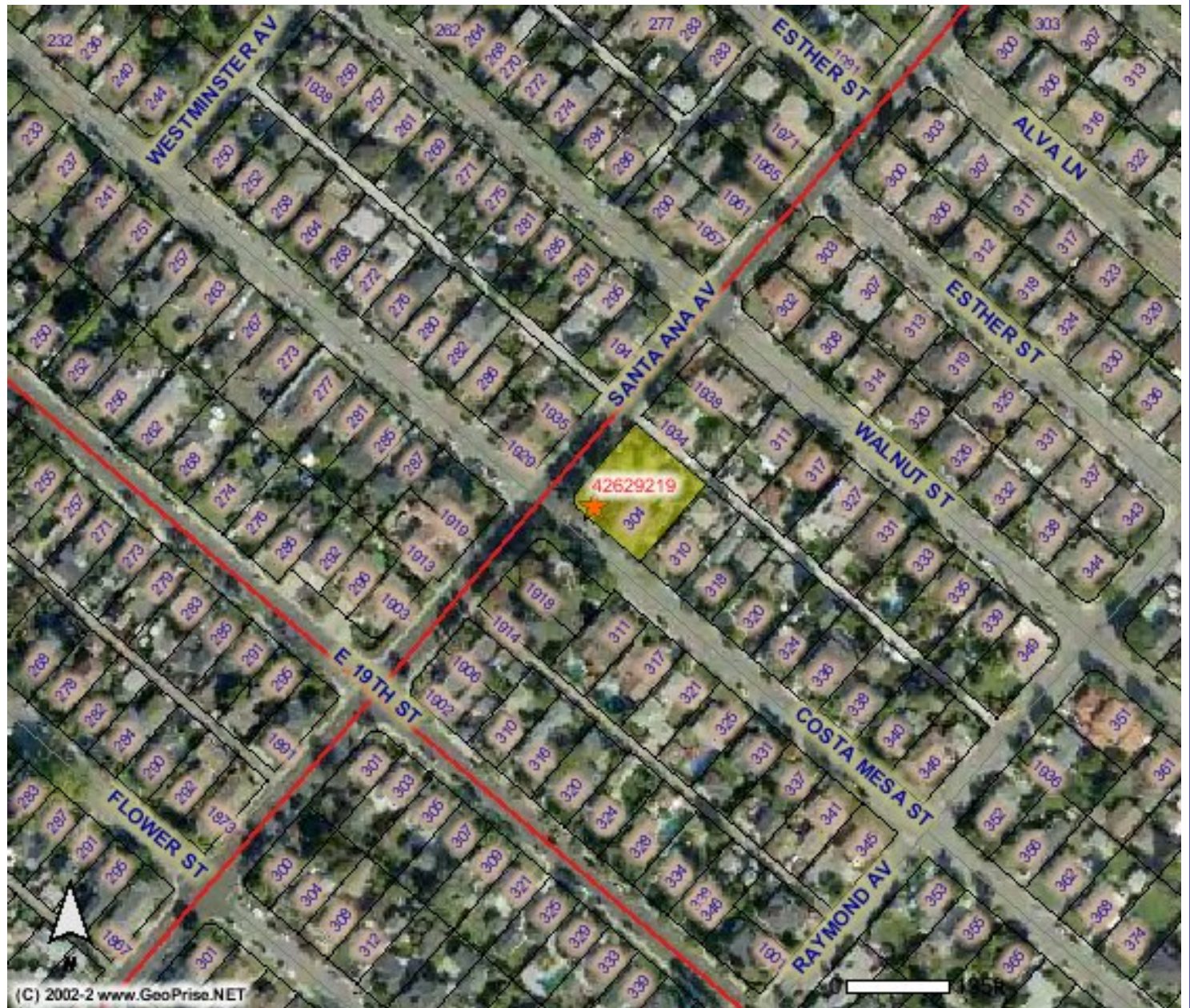
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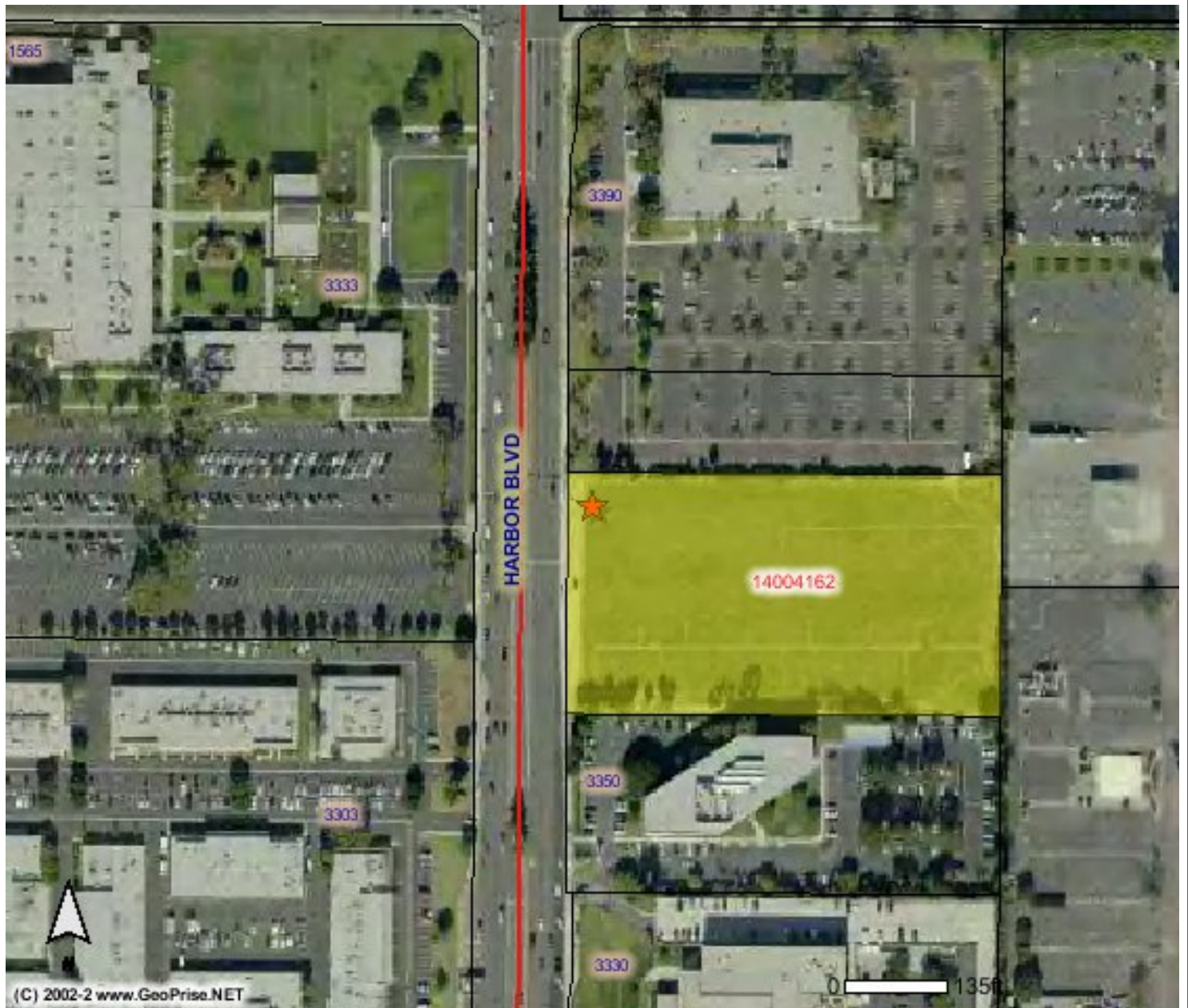
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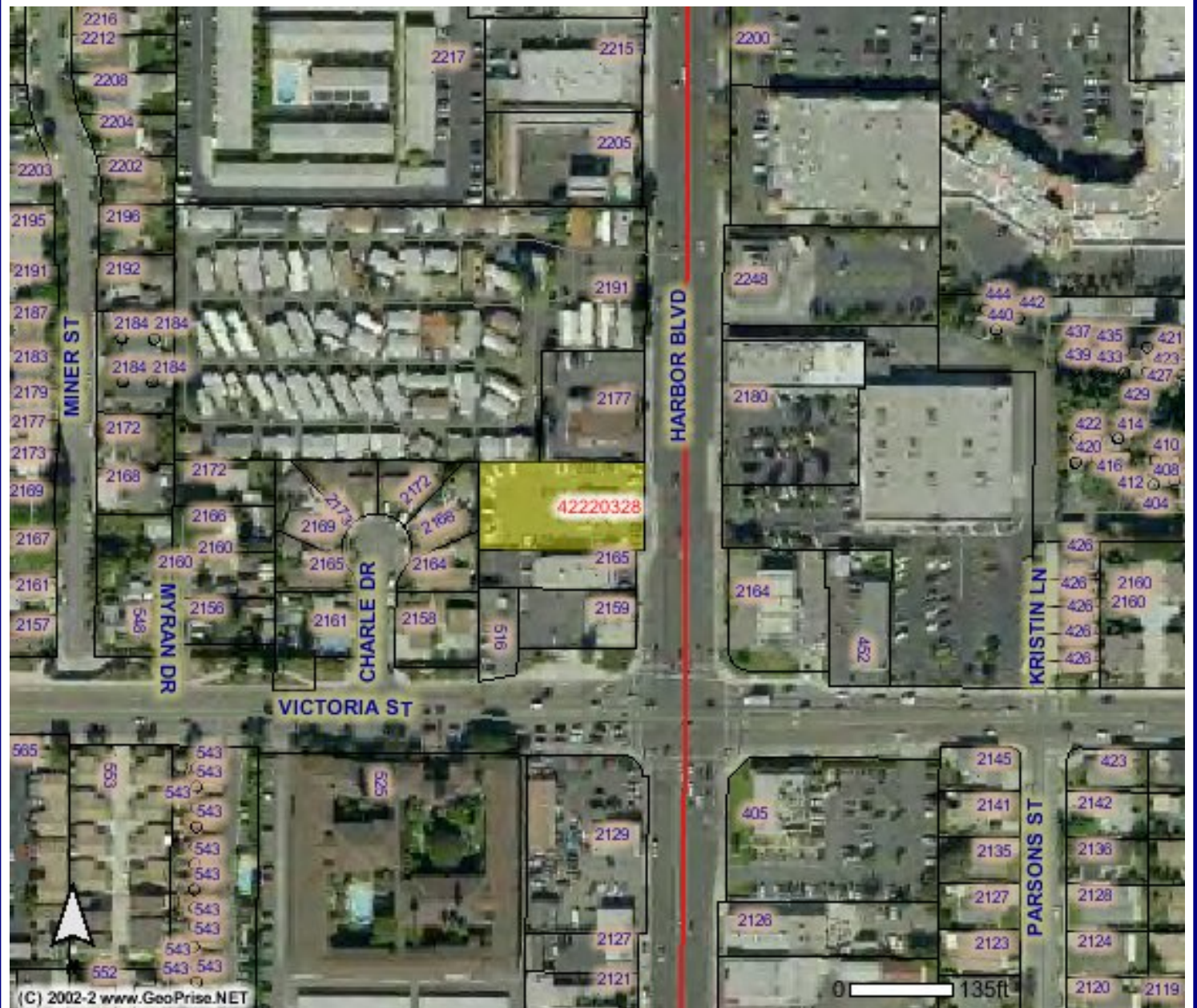
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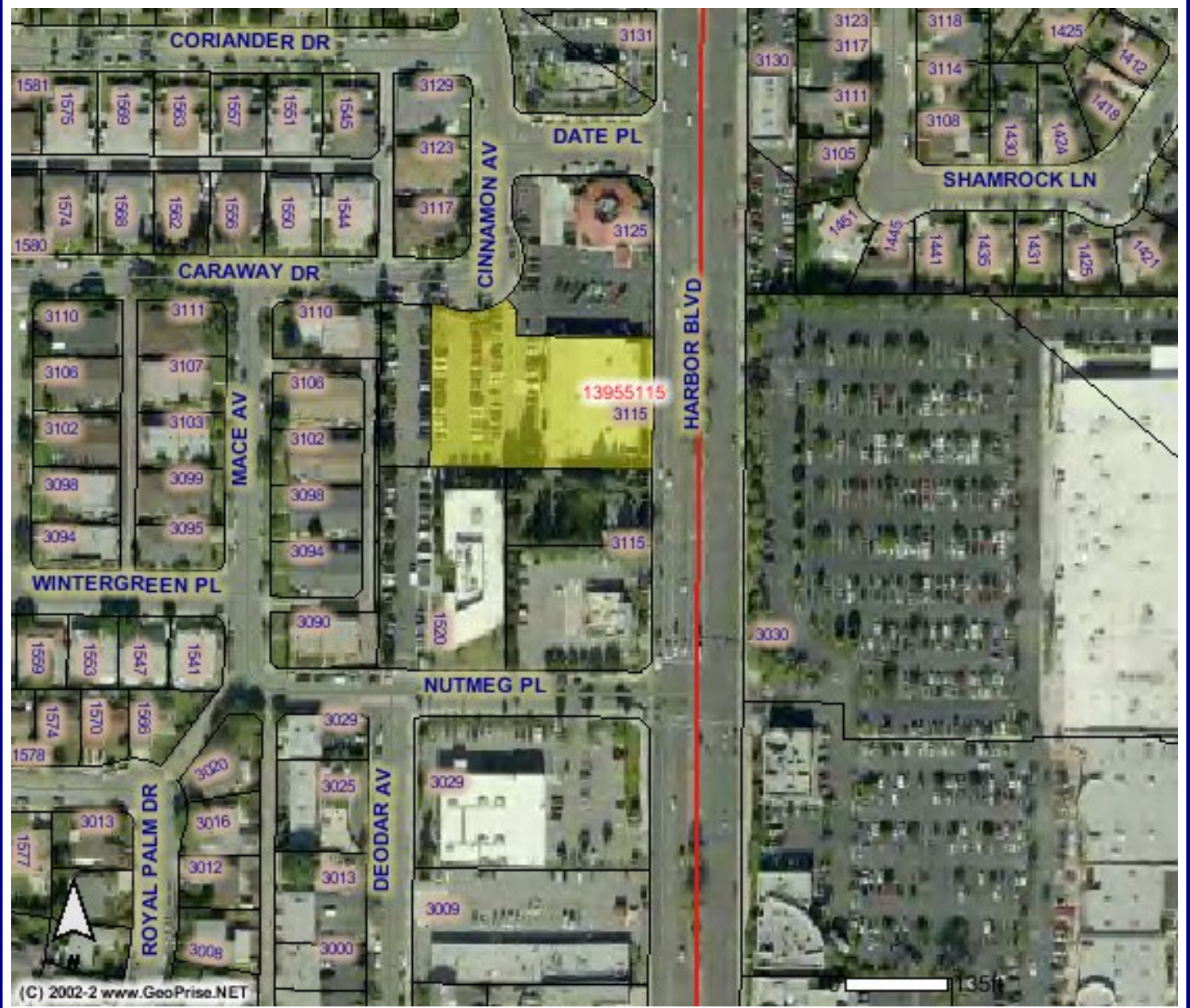
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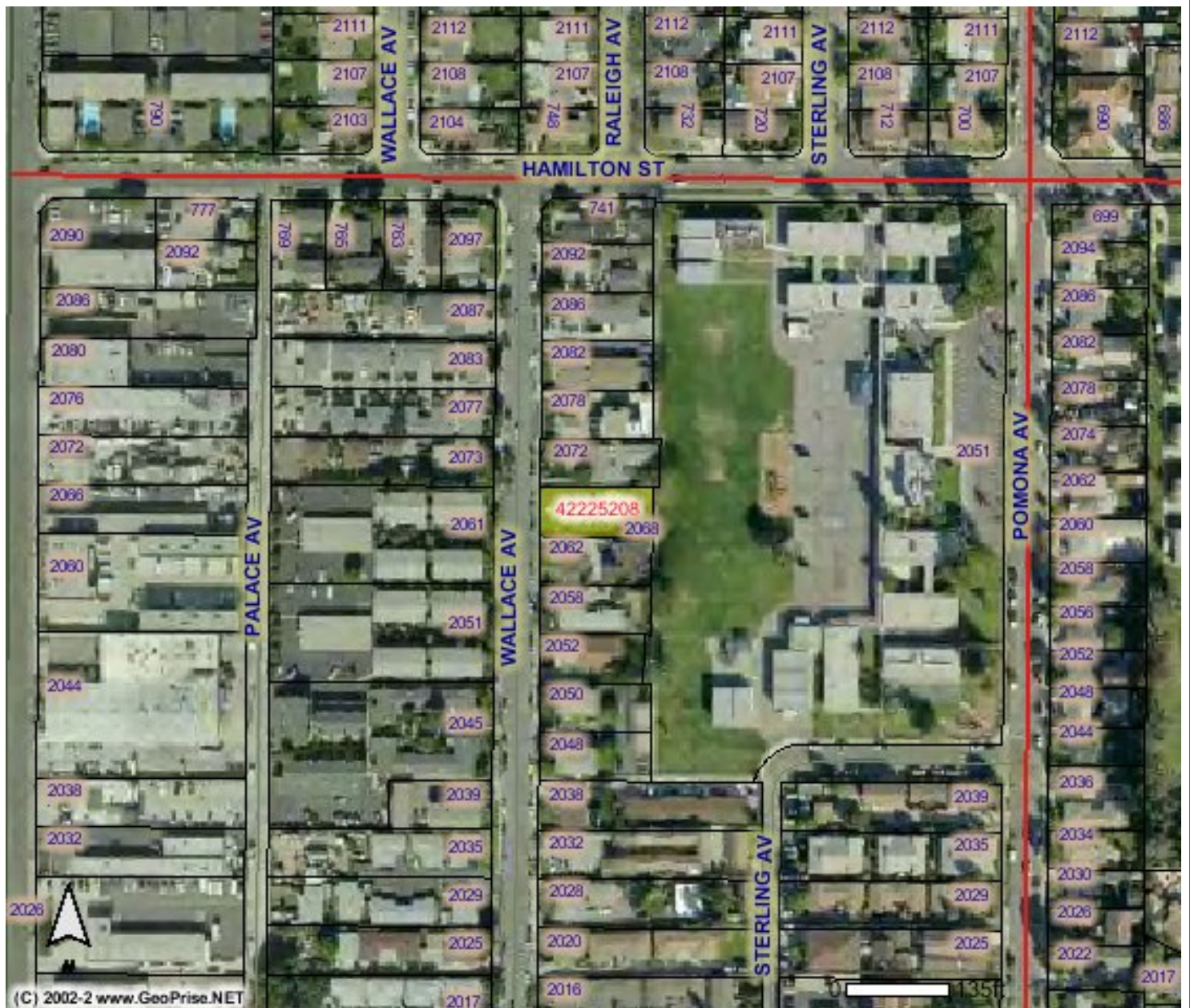
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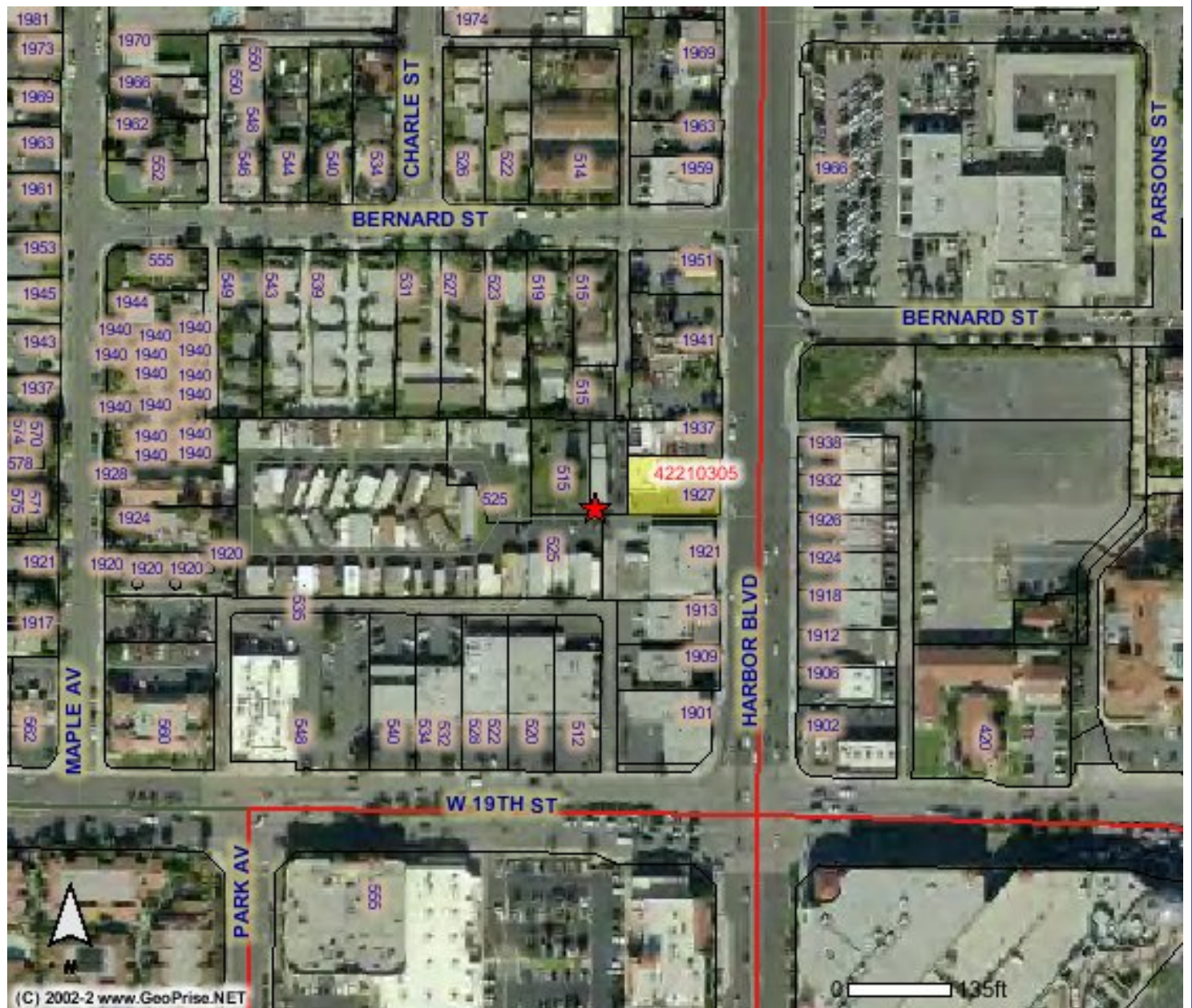
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INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
6/20	PS12-00199	2236 Meyer Pl	6/22	Water line	Pre	9-378-2877	2:30
6/21	PS12-00257	1500 Adams	6/22-25	Water line		562-577-0988	10:30
6/21	PS12-00335	1500 Adams	6/22	Water line		957-333-9277	2:30
6/21	PS12-00299	1928 Santa Ana	6/28-26	Water line		7-246-6741	3:15
6/22	PS12-00338	1640 Monrovia/Harden Blvd	6/23	Water line	Tom		
6/22	PS12-00339	1510 Adorno/Harden	6/26-6/27	Water line	Tom		
6/22	PS12-00348	3115 Harden Blvd	6/25 10:00	Water line		7-367-9010	4:00
6/25	PS12-00459	3135 Harden Blvd	6/25	Water line		562-284-5388	8:00
6/25	PS12-00209	1370 Adams	6/26-27	Water line		7-798-2881	8:15
6/25	PS12-00328	2573 Elden	6/27	Water line		7-432-7653	12:00
6/25	PS12-00257	1500 Adams	6/26	Water line		562-577-6988	4:00
6/26	PS12-00333	1645 Sherman	6/27	Water line		714-659-4772	11:30 AM
6/27	PS12-00349	3105 Newark Pl.	6/28	Water line		502-399-7444	9:45 AM
6/27	PS12-00348	3115 Newark Blvd.	6/28	Water line		714-299-4390	9:39 AM
6/27	PS12-00299	1928 Santa Ana	6/29	Water line		7-240-6741	2:30
6/28	PS12-00213	1072 Biscote	6/28	Water line		7-337-3367	2:30

INSPECTION LOG SHEET 2012

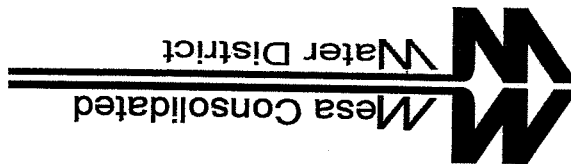
DATE	PERMIT #	LOCATION	REOSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
6/14	PS12-00073	1720 Superior Dr	6/15	Pre race		9-828-8632	8:15
6/14	PS12-00266	300 Red Hill	6/15	Pre race install		909-208-6561	11:45
6/14	PS12-00267	290 Banatone	6/15	"		"	"
6/14	PS12-00336	188 Merrill Pl	6/15	Pre race		9-922-5724	3:00
6/14	PS12-00333	1665 Series	6/15	Pre race		744-1934-6874	4:00
6/15	PS12-00303	2758 Dando	6/18			909-412-7480	2:35
6/15	PS12-00336	188 Merrill Pl.	6/18	Pre race motorist inspection		909-922-5724	3:44
6/18	PS12-00369	1660 Mearnsia	6/19	Pre race		909-214-2126	1:30
6/18	PS12-00336	188 Merrill Pl	6/19	Pre race concrete pour		9-922-5724	3:30
6/18	PS12-00622	801 Barker	6/19	Pre race		9-580-5473	4:00
6/19	PS12-00335	1973 Cotnam Rd	6/20	Pre race		626-322-8731	8:30
6/19	PS12-00199	2236 Meyer Pl	6/20	Pre race		9-378-2877	3:00
6/19	PS12-00295	Shawlinum	6/20	Pre race		9-254-9416	3:10
6/19	PS12-00335	660 Park Boulevard	6/21-22	Pre race		957-3477-4247	3:10
6/20	PS12-00338	1640 Mearnsia	6/21-27	Street construction		909-214-2426	8:30
6/20	PS12-00334	2183 Fairview	6/21	Pre race concrete		7-936-6410	12:00

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
6/7	PS12-00299	1928 Santa Ana	6/8	See exit		Dennis 7-240-6741	4:00
6/8	PS11-00494	178 E. 19th St.	6/11: 6/12	Continuing inspection		Alvord 949-636-6206	5:59 AM
6/8	PS12-00082	3350 Ave. of the Oaks	6/11	Close door		714-412-6439	12 PM
6/8	PS12-00399	1928 Santa Ana Ave	6/11	Asphalt paving		Dennis (Kilbuck) 714-240-0741	1:56 PM
6/8	PS12-00133	270 E. 17th St.	6/11	Final		949-307-9309	2:30 PM
6/11	PS12-00294	1636 Comstock	6/13	Post hole		661-209-0099	1:30
6/11	PS12-00286	2201 - 02 Santa Ana	6/12	Asphalt repair		909-246-6345	2:00
6/11	PS12-00310	1500 Adams	6/12-15	Metal repair		562-577-0988	3:30
6/11	PS11-60284	South Coast Plaza	6/12	Final		213-744-4470	3:30
6/12	PS11-00494	178 E. 19th St.	6/13	Professional		Alvord 949-636-6206	1:50
6/12	PS12-00299	1928 Santa Ana Ave	6/13	SAC TV		Dennis-Kilbuck 714-240-0741	1:51
6/13	PS12-00082	3350 Ave of Oaks	6/14-22	Asphalt		7-412-6439	
6/13	PS12-00315	660 Park Center	6/14	Pre sign		Theresa 746-347-4247	9:25
6/13	PS12-00286	2201 Santa Ana	6/14	Asphalt patch		909-240-0345	3:00
6/13	PS12-00326	1175 Barken	6/14	Pre sign		9-240-9045	3:10
6/13	PS11-00369	1640 Marmonie	6/14-7/5	Underground electric		9-322-5445	3:45

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
6/5	PS12-00164	2916 Poppendance Dr		General		4 Mon White Dist	3:30 PM
6/5	PS12-00081	152 Boney St		General		"	"
6/5	PS12-00053	1015 American Pl.		General		"	"
6/5	PS12-00152	2956 Randolph		General		"	"
6/5	PS12-00304	472 Glenwood		General		"	"
6/5	PS12-00244	1644 Superior Ave		General		"	"
6/5	PS12-00163	6032 Danwell St		General		"	"
6/5	PS12-00284	1397 S. Highway St.		General		"	"
6/5	PS12-00279	820 Shawnee St		General		"	"
6/6	PS12-80214	3128 Redhill		General		Jim 562-665-5563	11:45
6/6	PS12-80209	3176 Adams		asphalt reinstallation		Jesse 760-265-9272	12:00
6/6	PS12-80344	409 flower		Pave curc		Steve 714-743-8810	1:30
6/7	PS12-80280	3470 Fairview	6/12 to 11:00 pm 500 hrs	MS-ATTN: ML		Steve 714-743-8810	12:30
6/7	PS12-00311	409 flower st	6/8	form base Sidewalk		Steve 714-743-8810	12:30
6/7	PS12-06310	1560 Adams/Elm	6/8	Garages		Rick 562-577-0988	1:45
6/7	PS10-06597	351 W Bray	6/8	Eave		Alanna 7-240-0741	3:30



Mesa Consolidated Water District
Request for Final Inspection for Permits Listed
June 5, 2012

Date	Permit Number	Address
04/05/12	PS12-00122	1580 Orange Avenue
04/09/12	PS12-00180	2034 Monrovia Avenue
04/09/12	PS12-00164	2916 Peppertree Lane
04/19/12	PS12-00081	152 Buoy Street
04/26/12	PS12-00153	1015 American Place
04/27/12	PS12-00152	2956 Randolph Avenue
05/01/12	PS12-00204	472 Lenwood Circle
05/04/12	PS12-00244	1644 Superior Avenue
05/05/12	PS12-00163	632 Darrell Street
05/30/12	PS12-00284	1397 Galway Lane
05/30/12	PS12-00279	820 Towne Street

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO.	TIME OF CALL
6/1	PS12-000895	1375 Sump House	6/1, 6/5, 6/6	Access, pipe		Dorey (owner) 949-854-7446	2:36
6/4	PS12-000801	490 E 19th St	6/5	Access		Mulle 9-300-9882	9:45
6/4	PS12-000494	Harbor/Victoria Park	6/5	on going pipe		Sloan-Parr 909-841-3342	9:00
6/4	PS12-001257	3170 Red Hill	6/5	pipe		Bue 7-822-4098	9:15
6/4	PS11-004579	3125 Harbor/Emergency	6/5-8	on going zone		Touhy 562-254-5335	10:30
6/4	PS11-004694	178 E 19th St	6/5-7	on going zone		Stewart 9-636-6206	2:30
6/5	PS12-002600	3140 Pullman St.	6/6	pipe - imp		Dick Baker 562-255-9985	10:52
6/5	PS12-003810	1500 Adams (Elm St)	6/6 9AM	street cut		Mark 951-333-9277	12:45 PM
6/5	PS12-002999	1928 S. Santa Ana Ave	6/6			Dennis Kaeze 714-240-0741	8:45 AM
6/5	PS12-002272	NE corner Harbor/Victoria	6/6	uncover manhole		Ed Rodriguez 909-208-3924	9:03
6/5	PS12-001816	Gisler's Harbor	6/6	Access		Sam Aguilar 909-991-4802	9:34
6/5	PS11-000223	136 E. Wilson	6/6	Access insp.			9:47
6/5	PS12-002552	488 E 17th St	6/6, 7:58			Angelica 949-279-4952	2:30
6/5	PS12-002350	249 Sycamore Dr	6/6	pipe imp		Klaus 949-462-7315	3:13
6/5	PS12-001232	1580 Orange Ave		pipe		Mona Weber 949-462-7315	3:30
6/5	PS12-001800	2034 Y Monrovia Ave		pipe		" "	

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO -	TIME OF CALL
5/30	PS12-002366	1541 Cumberland	5/31	Done closure		909-763-6100 #Hyne	3:15
5/30	PS11-60364	1640 Monrovia	6/4-8	egg site on-going pre care	MW	9-254-2619 Jim	4:00
5/30	PS12-000861	2258-60 Orange	5/31	care		909-268-9745 Jovee	4:15
5/30	PS12-00293	1938 Belair	5/31	Vault	11:00-12:00 km	601-209-6099 Corvel	5:00
5/31	PS12-00301	2413 Santa Ana	6/1	on going care		7-240-3444 Bruce	8:00
5/31	PS12-00295	1325 Squalbush/Swan	6/4	start		7-209-3320 Jovee	9:45
5/31	PS12-00268	2121 Union Ave	6/1	pre		7-323-5822 Robert	9:50
5/31	PS12-00209	1320 Ademo/Hauvauin	6/1	on going care		766-265-9272 Jovee	9:58
5/31	PS12-00899	1928 Santa Ana	6/1	on going care		7-240-0744 Alanna	11:38
5/31	PS12-00286	2201 Santa Ana	6/1-8	care/gutter sidewalk		909-240-0344 Jovee	11:58
5/31	PS12-00261	2258 Orange	6/1	grab/settle driveway		909-332-8328 Jovee	1:10
5/31	PS12-00020	1927 Hauvauin	6/1	pre care		909-596-6446 Jovee	2:30
5/31	PS12-00117	720 Victoria	6/1	funnel		9-678-5882 Steven	3:15
6/1	PS12-00209	1376 Adorno	6/4, 6/5, 6/6	Concrete coordination		760-265-9272 Jovee	10:22
6/1	PS11-00494	178 E. 19th St.	6/4	curb		949-636-6206 Alanna	10:44
6/1	PS12-00286	2258 Orange	6/4; 6/5	curb		909-323-8308 Jovee	10:49

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
5/29	PS12-002811	South Coast Plaza	6/1	terrace removal	5:00-6:00am	DR 7-622-359	9:20
5/29	PS12-00294	3476 W. Marine Ct	5/30	Ene Vault		7-443-7336	11:30
5/29	PS12-00228	3370 Hacker	5/30	shading		Buck 909-376-9334	12:30
5/29	PS12-002861	2258 Orange	5/31	Ene	7:00am	George 909-322-8308	1:00
5/29	PS12-002209	1370 Adams	5/30	Ene		George 951-655-6580	1:15
5/29	PS10-00597	3150 W. Bay	5/30	Ene		Alanna 7-240-0741	1:30
5/29	PS12-00301	2413 Santa Ana	5/29	Pre Ene		Pre 714-240-3444	2:35
5/30	PS12-00154	2059 Norton Blvd.	5/31	apnal		Bruce 707-527-2920	10:37
5/30	PS12-00209	1370 Adams	5/31	concrete removal		George 760-262-9222	10:49
5/30	PS12-00296	961 Union Ave	5/31	Pre ace		auto	
5/30	PS12-00290	3376 Hacker	5/31	"		"	
5/30	PS12-00289	789 Paulina	5/31	"		"	
5/30	PS12-00287	570 W. 18th St	5/31	"		"	
5/30	PS12-00283	234 Palmer St	5/31	"		"	
5/30	PS12-00271	440 E 19th St	5/31	"		"	
5/30	PS12-00265	2971 County Ave	5/31	"		"	

430 PS12-00285 1375 Sunkiss 5/31 Pre Ene
 Pre Ene
 Joe 7-709-3380

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	RESTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
5/24	PS12-00286	2201 Santa Ana Ave	5/29	Pre 9:00 am		Mulle	
5/24	PS12-00269	1570 Adams	5/25	ongoing		Shorey 951-655-6588	10:00
5/24	PS12-00285	3170 Redhite	5/25	Pre ace		Young 7-690-6019	12:45
5/24	PS12-00216	3090 Bonnet	5/25	Pre ace		Young 7-690-6019	12:45
5/24	PS12-00174	2714 Bonnet dr.	5/25	Pre ace		Young 7-690-6019	2:45
5/24	PS12-00237	136 E Wilson	5/29	Final Pre		Young 9-342-9192	8:15
5/25	PS12-00285	3376 Mackin	5/29	ongoing		Puels 9-444-1362	9:00
5/25	PS12-00127	3170 Red Hill	5/29	Pre ace		Bude 7-822-4698	10:00
5/25	PS12-00209	1370 Adams	5/29	ongoing		Ruel 760-927-1675	10:15
5/25	PS11-00494	178 E 19th St	5/30 9:00 am	cuts/gutter removal		Stewart 944-636-6206	10:30
5/25	PS12-00261	2258 Orange Ave	5/29	Pre ace		Young 909-322-8308	10:45
5/25	PS12-00292	2900 Buxton	5/29	Pre ace		Young 714-875-5346	10:55
5/25	PS12-00269	3590 Hankin	5/29	Pre ace		Young 7-240-0741	11:20
5/25	PS12-00266	290 Bonnet	5/29	Final Pre	Perkins	Young 909-345-2778	12:15
5/25	PS12-00141	2810 Sunng PL	5/29	Pre ace		Young 7-743-3476	12:20
5/30	PS11-00367	1640 Meravia	5/30	Pre ace		Young 9-646-6555	7:15

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
5/18	PS12-001816	Harbor/Adrian - Nutmeg	5/18-6/15 5/18-6/15	Done closure	NIGHT WORK TBA	Paul 951-830-3487	6:45 am
5/18	PS12-00262	993 Where PL	5/21	Concrete pour 7:30 am		Alon Hersh 1-231-3289	11:00
5/18	PS12-00264	2072 Phalange Ct	5/21 approx	Ene		Sheddy 1-469-3032	1:30
5/21	PS12-00262	993 Where PL	5/22	Final		Alon Hersh 1-231-3289	8:00
5/21	PS12-00209	1370 Adams	5/22	concrete		Paul 1-66-927-1625	9:30
5/21	PS12-00266	Fucker/Rodnie	5/22			Paul 1-412-7484	9:45
5/21	PS12-00259	2109 Stark	5/23	done closure		Paul 562-785-2562	10:16
5/21	PS12-00158	2390 Fordham	5/22	ene		Kevin 310-948-8588	12:30
5/22	PS12-00209	1370 Adams	5/23	concrete		Paul 1-66-927-1625	9:30
5/22	PS12-00262	993 Where PL	5/23	Final inspection		Alon Hersh 1-231-3289	9:45
5/22	PS12-00237	136 E. Wilton	5/23	Final		Harriet 9-242-9192	12:35
5/22	PS12-00185	3476 Fairview Rd	5/23	Final		Paul 562-458-0439	
5/23	PS12-00223	151 Kalman	5/24	ene		Sheddy 951-2655-0588	11:00
5/23	PS12-00209	Adams/Fairview	5/24	concrete		Paul 9-444-1362	1:30
5/23	PS12-00285	3370 Harbor Blvd	5/24	ene Adams	8:5 am		
5/24	PS12-00137	3186 Palomar	5/25	Final		Paul 9-355-4998	9:15

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
5/14	PS12-00249	474 Calhoun	5/15	Pre Rec		9-230-4926	
5/14	PS12-00251	2129 Santa Ana	5/15	Pre Rec		9-420-1116	
5/14	PS12-00253	1678 Dewest	5/15	Pre Rec		9-720-1116	
5/14	PS12-00236	3370 N. Hobbs	5/15	Apprent		9-444-1362	3:45
5/14	PS12-00237	136 E. W. Wina	5/15	Pre		9-887-4220	4:15
5/14 PM	PS12-00139	3181 Newborn Jennings	5/16	makeout		Glenn	Called at 5:32 PM
5/15	PS12-00236	3370 W. Hobbs	5/16	stump pulling		Rick Fournier 92444-1362	2:06 PM
5/15	PS10-00397	456 Abbie Day	5/16	signal		Alan Rutland 72815-2816	10 AM
5/16	PS11-00375	6028 W. 19th St.	5/17	signal		Peter 72615-7082	7:42 AM
5/15	PS12-00262	993 Grove Place	5/16	pre-con approval		Don Hanson 7231-3284	2:30 PM
5/16	PS12-00264	2022 Philadelphia	5/17	Pre Rec		9-443-501	9:30
5/16	PS12-00266	1964 Pomona	5/17	Pre Rec - Pen 8:30 am		909-201-1905	10:30
5/16	PS12-00262	993 Avenue PL	5/17	Pre Rec 7:00 am		9-231-3284	10:54
5/17	PS12-00188	3254 New York	5/18	Pre Rec		7-875-6913	1:30 pm
5/17	PS12-00159	397 da Rule Pl	5/18	Pre Rec		7-501-0272	8:15
5/18	PS12-00618	3670 Bristol	5/21	Pre Rec		7-620-6619	8:30

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	RESTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
5/16	PS12-001954	2059 Harker/Chalk	5/11	Subwork		707-527-3920 Bruce Coyle	9:15
5/16	PS12-002233	1900 Newport	5/16	Night	Mike	2:00am Edwards 562-244-3390	11:30
5/16	PS12-002255	2299 Harker	5/15	fuel	Tom Mike	909-875-2112 Tom	1:00
5/16	PS11-004459	3125 Harker/Williams	5/11	paper patch		562-259-5345 Tom	2:45
5/16	PS11-006571	942 Sunset	5/11	pinel		7-425-3900 Randy	4:05
5/10	PS12-00254	1240 Logan	5/11	core engering	Shelley	7-381-2997 Bruce Coyle	4:45
5/10	PS12-00154	2059 Harker	5/14	pinel		707-527-3920 Kirk H.	12:32
5/11	PS12-00257	1500 Adams	5/14	pinel		562-577-0988 Normal	11:09
5/11	PS12-00237	136 E. Wilson	5/14	Eng.		949-887-4320 Javier	2:45
5/14	PS12-00232	1142 Buckleshorn	5/14	eng		957-296-4804 Don	8:30
5/14	PS12-00175	3128 Red Hill	5/15	eng		562-634-7933 Santos	10:15
5/14	PS12-00197	1902 Harker	5/15	eng		9-279-1575 Name	10:15
5/14	PS12-00200	3590 Harker/Stationary	5/15	eng		Chuck 7-501-5989	
5/14	PS12-00211	3198 Yellowstone	5/15	eng		7-425-0557 Paul	
5/14	PS12-00245	2017 Palomares	5/15	eng		7-425-0557 Whend	
5/14	PS12-00248	394 E. 20th St	5/15	eng		957-704-2257	

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REOSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
5/11/12	PS12-00237	136 E. Wilson	5/8/12	ene		9-Kennel 887-4220	2:00
5/11/12	PS12-00236	3370 Baller Blvd	5/11	ene	Morgan	9-441-1362	4:00
5/8	PS12-00249	474 Columbia St.	5/9	ene.		Choules Dupplin 949-230-4956	11:35
5/8	PS11-00511	942 Summit Dr	5/9	street and inspection		714-425-3900	2:02
5/8	PS12-00186	Moran; Morbar	5/9	Pre-Cond		Paul R. Dr. All Star Building 951-830-3487	7:47 AM
5/8	PS12-00212	2299 Morbar	5/9	conduct inspection		Couy	11:57 AM
5/8	PS12-00206	290 Bristol	5/9	curb; gutter		909-342-2778	2:55 AM
5/9	PS11-00466	942 Sunset	5/10	Pre Seal 7:00 AM		7-425-3900	11:00
5/9	PS12-00186	Morbar	5/10	Pre-Cond		Paul 951-830-3487	11:30
5/9	PS12-00204	Morbar Inspection	5/10	Photo Co.	myof Tom	Walling	11:35
5/9	PS12-00204	1370 Adams/Havin	5/10	Pre-ene		Phus 700-528-2091	11:45
5/9	PS12-00255	2299 Summit	5/10	Pre-ene		784-825-2112	12:00
5/9	PS12-00256	1500 Adams	5/10	Pre-ene		909-682-9930	12:45
5/9	Morbar	Morbar	5/10	Pre-ene		S.E. D.	
5/9	PS12-00232	1142 Buckingham	5/10	Street	mwie	951-796-4804	3:30
5/10	PS12-00103	3030 Holden	5/11	Pre-ene		7-420-7148	8:00

RECEIVED
MAY - 9 2012
PUBLIC SERVICES

May 4, 2012



A Semptra Energy utility

City of Costa Mesa
Attention: Mochine Chitar
Post Office Box 1200
Costa Mesa, CA 92628-1200

NOTICE TO CLOSE PERMITS

The following is a permitted job(s) that has been completed and is ready for final inspection. Please submit your final billing for permit and/or inspection fees to:

Southern California Gas Company
Permits, M. L. 8321
1919 S. State College Blvd
Anaheim, CA 92803-3334

If at all possible, please reference our Work Request Number in your billing.

Work Request No.	Permit No.	Job Location	No. OF Cuts	Surface Type	Total Sq Ft	Date Completed
2063061	PS11-00492	356 16 th St	4	Asphalt	94.68	04/10/2012
2067311	PS12-0014	180 Del Mar	1	Asphalt	128.44	04/09/2012
2070025	PS12-00088	208 E 21 st	1	Asphalt	23.75	03/22/2012
2057719	PS11-00402	3493 San Rafael	1	Asphalt	49.60	03/09/2012
2033512	PS11-00185	Gisler Ave	1	CONCRETE	26.87	10/20/2011

Thank you,

Yvette D. Valdez
Permit Clerk/714-634-3158

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REOSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
5/2	PS12-00236	3370 N. Harkin Blvd	5/1	Pre-con	Tom	9-444-1362	4:50
5/1	PS12-00189	2100 Federal Hwy	5/2	Pre-con		Mike 919-6907772	9:15 AM
5/1	PS12-00213	1072 SE Bristol St Rd	5/2	Pre-con		All seasons Coal 714-337-3367	1:51
5/1	PS12-00205	150 S. Paulina	5/2	Pre-con		714-936-6410	2:00
5/1	PS12-00239	1870 Harkin and 75 Newport	5/2	Pre-con		714-412-1268	2:36
5/2	PS12-00237	136 E. Wilson	5/3	Pre-con		9-887-4220	1:30
5/2	PS12-00205	180 Paulina	5/3	Pre-con		Manuel 7-936-6410	3:00
5/2	PS12-00241	3148 Yellowstones	5/3	Pre-con		Chruel 7-561-5989	4:15
5/3	PS12-00232	1148 Buckingham	5/4	Pre-con		Jessie 957-796-4809	12:00
5/3	PS12-00242	1201 Baker	5/4	Pre-con		Refine 310-629-1461	1:52
5/3	PS12-00227	1941 Somers	5/4	Pre-con		Jed 909-677-6887	3:30
5/3	PS12-00214	3128 Redline	5/4	Pre-con		Steve 562-665-5663	4:05
5/4	PS12-00123	2134 Newport Rd	5/7	Pre-con		John 910-650-0414	10:55 AM
5/4	PS12-00337	136 E. Wilson	5/7	Pre-con		919-887-4220	9:58 AM
5/7	PS12-00186	Harkin/Walker	5/8	Pre-con		Paul 951-830-3487	6:00
5/7	PS12-00232	1142 Buckingham	5/8	Pre-con		Dave 951-796-4804	11:38

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL	
4/25	PS12-00020	1927 N. W. Blvd.	4/26	final		McKenzie	8:30 AM	
4/25	PS10-00534	909 N. W. Blvd.	4/26	final		John JR	2:30 PM	
4/25	PS12-00211	South Coast Hwy	4/30+5/1	open positive	Benjamin	9-302-3502	11:00	
4/25	PS12-00117	720 Veterans St	4/26	pre acc		John	9-678-5882	12:30
4/25	PS12-00192	345 Brister	4/26	done closure		Mon	7-687-355	1:00
4/26	PS12-00205	150 Paulavine	4/27	pre acc	Benjamin	7-936-6410	7-936-6410	9:30
4/26	PS12-00167	3292 Amgrove	4/27	pre acc		Benjamin	7-928-1829	10:30
4/26	PS12-00225	2900 Pembroke	4/27	pre acc		Paul	9-675-3418	11:30
4/26	PS12-00059	2945 Amway	4/27	final		Benjamin	7-936-1873	2:15
4/26	PS10-00534	909 Hulene Ct	4/27	final		McKenzie		4:10
4/27	PS12-00226	283 E. 17th St #B	4/30			Ben	858-610-6900	10:34 AM
4/27	PS12-00214	3128 Redhill	4/30 AM	pre-acc		Mike	7920-0108	1:03 PM
4/30	PS12-00226	2083 E 17th St	5/1	pre acc		John	708-8248	9:15
4/30	PS12-00205	150 Paulavine	5/1	acc		Benjamin	7-936-6410	2:00
4/30	PS12-00202	2757 Sandpiper	5/1	pre acc		John	7-936-6430	2:15
4/30	PS12-00127	3176 Red Hill Ave	5/1	pre acc		Paul	7-822-4098	3:30

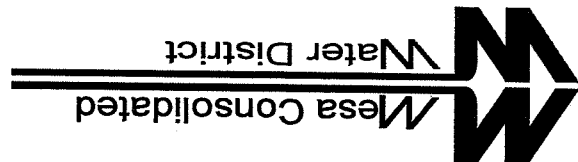
INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	RESTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
4/12	PS12-00162	Roulaire/Kubick	4/16	fire are		Tweety 700- 559-9110	
4/13	PS11-00185	Kelly 2817 Forda	4/16	spinal lamp.		Kelly 949-4228-200	1:45
4/13	PS11-00188	_____		gas/spinal		Normal	
4/16	PSH-0344	3195 Harbor	4/17	fire acc		Tweety 323-229-4080	9:00
4/17	PS11-00330	1927 Harbor Blvd.	4/18 AM	fire final		Faul 949-795-7500	9:22
4/17	PS13-0082	3350 Ave. of the Arts	4/19	fire-con lane closure		Mike 714-412-6429	9:37
4/17	PS12-00154	2059 Klauka Blvd.	4/19	curb & gutter prep		MO ID guen	4:04 PM
4/17	PS11-00459	3125 Klauka; Cinnamon	04/19	ongoing work		Tweety 562-254-5395	4:07 PM
4/18	PS11-00424	35616th Pl.	04/19	final		Garnold 949-903-0848	10:07 AM
4/18	PS12-00091	1842 E. Pomona	4/19	fire acc		Jed 908-376-9241	2:00
4/19	PS12-00170	3047 Beverly Blvd	4/23	fire acc.		Ken 9-395-8333	8:00
4/20	PS11-00459	3125 Klauka	4/23 & 4/27	ongoing work		Tweety 562-254-5395	1:25 PM
4/23	PS12-00183	2072 Wallace	4/24	door closure		adriano 562-595-7575	3:00
4/24	PS11-00459	3125 Klauka	4/25	ongoing work		Tweety 562-254-5395	
4/25	PS11-00459	3125 Klauka	4/26	ongoing work		Tweety 562-254-5395	
4/25	PS11-00254	1927 Klauka	4/26	final		Moheine	8:30 AM

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
3/30	PS12-001033	2134 Newport	4/2	Pre-ene		John-Martin 949-650-6474	2:30
4/2	PS11-00494	178 E 19th St	4/3	Compartibor		Stewart 9-636-6206	12:00
4/3	PS18-001516 PS18-00494	1926 Kawai'i Dr.	4/4	Wrench repair		Delores 562-595-2575 Stewart 9-636-6206	9:29 AM
4/3	PS18-00494	178 E. 19th St.	4/4	Wrench repair		Stewart 9-636-6206	1:30 PM
4/4	Various	Various	4/4	Final		Moni Gonzalez see address	
4/5	PS11-00494	178 E 19th St	4/5	ongoing		Stewart 9-636-6206	5:30 4/4
4/5	PS15-00155	3333 Bear St	4/5	Pre-ene		Robert 951-694-2872	10:00
4/5	PS12-00095	Costa Mesa St / Garage	4/6	Pre-ene		Jed 909-376-9241	2:00
4/5	PS12-00157	1000 Irvine Ave	4/9 + 4/10	Pre-ene		Angela 9-648-5411	4:10
4/6		No Requests					
4/9	PS15-00130	1665 Senate	4/10	Pre-ene		Dung 7-659-4772	7:36
4/9	Various	Various	4/10	Pre-ene		Clarence 626-625-1301	8:30
4/9	PS11-00195	2817 Botatale	4/10	Final		9-442-8700	3:00
4/10		No requests					
4/11	PS12-00100	Beckal Bars / Old Newport	4/13	Pre-ene		Rory-fair 7-940-4479	12:20
4/11	PS12-00107	2201 Santa Ana	4/12	Pre-ene		Pat 951-830-2710	3:45

RECEIVED
APR 04 2012
ENGINEERING



Mesa Consolidated Water District
Request for Final Inspection for Permits Listed
April 3, 2012

Date	Permit Number	Address
03/07/12	PS12-00079	160 Wells Place
03/14/12	PS12-00121	1654 Aliso Avenue
03/26/12	PS12-00143	958 Dahlia Avenue

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
3/22	PS12-00109	2258 Orange	3/23	Sidewalk h:60 Aft	Boacuta	7-210-6741	1:30
3/23	PS12-00119	2201 Santa Ana	3/27	Enr		951-818-1831	9:30
3/23	PS12-00134	298 E 17th St	3/26	Pre	Tyran	ATT 305-632-3375	3:00
3/23	PS12-00125	3470 Fairview/Sunflower	3/26	Ground water sampling	NKH	9-283-3859	4:00
3/26	PS12-00140	2005 Swann Ln	3/27	Pre acc		9-588-6100	4:45
3/27	PS12-00023	467 Flower St	3/28	Fire enr		7-721-4224	11:30
3/27	PS12-00150	McArthur	3/29	Pre acc		9-254-8306	4:00
3/28	PS12-00119	2201 Santa Ana	3/29	Enr water sus		951-818-1831	11:15
3/28	PS12-00167	2201 Santa Ana	3/29	Enr		909-429-7881	12:00
3/28	PS12-00124	3166 Aurora	3/29	Pre acc		7-412-7484	9:58
3/28	PS11-60195	2817 Antela	3/29	Pre		9-412-8700	9:15
3/29	PS12-00151	495 E 17th St	3/30	Pre	Pre closure	9-618-5212	8:15
3/29	PS11-00375	628 W 19th St	3/30	Pre acc		9-415-7062	9:00
3/29	PS12-00673	1720 Supervisor	3/30	Pre acc		858-7408	11:15
3/29	PS12-00154	2059 Barton Blvd	3/30	Pre acc		707-527-2920	2:30
3/30	PS11-00206	198 E 19th St	4/2	Pre enr		9-636-6206	10:00

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
3/12	PS12-00105-	458 Princeton	3/13	Final		4-284-7416	3:00
3/12	PS12-00127	3170 Redville	3/13	Final		7-612-2081	4:15
3/13	PS12-00127	3170 Redville	3/15			Dave Spoor 714-612-2082	6:23 PM
3/15		no requests					
3/16		no requests					
3/19	PS12-00101	3037 Waverly Dr	3/20	Pre		7-271-3949	12:15
3/19	PS12-00109	2258 Overage Ave	3/20	opening		7-240-0741	3:30
3/20	PS12-00145-	457 Walnut	3/21	Pre		Todd 7-240-7633	12:00
3/20	PS12-00127	3170 Redville	3/21	Contract		7-612-2682	3:15
3/21	PS12-00109	2258 Overage Ave	3/22	backfill		7-240-0741	1:15
3/29	PS12-00147	488 E. 11th St.	3/29	General water main	ML	310-885-4455	1:30
3/21	PS12-00119	2201 Santa Ana	3/22	water service		951-818-1831	2:00
3/22	PS12-00014	180 Old Man	3/23	Contract		626-625-1301	8:00
3/22	PS12-00088	208 E 21st	3/23	"		"	
3/22	PS11-00492	356 16th St	3/23	"		"	
3/22	PS12-00028	1813 Viola Pl	3/23	"		"	

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
3/2	RS11-00478	1507 So Coast	3/5	Construction Access		Shawant 502-762-7430	1:49
3/2	RS12-00059	2945 Divisadero	3/5	new approval		714-936-1874 Jenny-Parr 909-376-5592	2:20
3/5	RS12-00044	Hansen & Hutchings	3/7	open closure		Jud 9-922-8913	10:00
3/5	RS11-00521	2196 Hansen	3/6	pre rec		Dean Rankin 9) 283-5818 Dennis - Killand 7) 240-0741	8:10 AM 10:30 AM
3/6	RS11-00659	946 W. 17th St	3/7	urgent - audit & issue		Clarence 909-230-3410	4:48 PM
3/6	RS12-00109	2258 Quince Ave.	3/7	working in water on abandonment of service		Clarence 909-230-3410	3/6
3/7	RS12-00030	Shanta Ana & Del Mar	3/8	not logged	Tom	Clarence 909-230-3410	3/6
3/7	RS11-00517	307 E. 16th St.				Clarence 909-230-3410	
3/7	RS11-00189	Raker & Fairview				Clarence 909-230-3410	
3/7	RS12-00153	2059 Marlborough	3/9	pre rec		Michael DePelle 909-230-3410	7:44 AM
3/7	RS12-00114	2046 Meyer	3/8	pre rec		Jabine 7-350-9527	2:30
3/8	RS11-006530	1640 Adams Ave	3/12	pre approval		Michael 7-934-3613	11:30
3/8	RS12-00105	458 Punnett	3/9	base contract		Paula 944-244-7446	3:30
3/8	RS12-00187	3170 Red Hill Lane	3/9	pre rec		Alane 7-612-2682	3:40
3/9	RS12-00105	458 Punnett Dr.	3/12	final paving		Danny Galbreath 9) 254-7446	1:09 PM
3/12	RS12-00050	3214 Montrose	3/13	pre rec		7-392-2216	1:00

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
2/23	PS12-00108	2093 Swann bl.	2/24	sewer		Brandon Mene Ugg	3:15
2/23	PS12-00627	2068 Wallace	2/24	appliance		Blair Mene Ugg	4:00
2/24	PS12-00036	3195 Kellow Blvd (Hwy)	2/24/12	comparing meter (gas field)		John 714-851-4027	9:36
2/24	PS12-00111	2725 Oldhamwood Dr.	02/27			Bill 949-290-1842	10:20
02/24	PS09-00211	1572 Bristol	02/27			CMO (counter) 5140	2:50 PM
02/24	PS11-00506	1572 Bristol	02/27			CMO (counter) 5140	2:50 PM
2/27	PS12-00105	458 Kumeita	2/27	re-operate pipe	Jimmy	Callie 661-209-0099	8:00
02/28	PS12-00105	458 Princeton	02/29			Callie com 661-209-0099	7:37 AM
02/28	PS12-00109	2258 Orange	02/29	pre-con		Dennis 714-240-0741	1:52 AM
02/28	PS12-00027	2068 Wallace	02/29	sidewalk		Mario 949-228-4092	1:04 PM
2/29	PS12-00082	3350 Delapra	03/1	stone		Mike 7-412-6429	12:05
2/29	PS11-00511	942 Sunsof	3/1	curb + gutter	Jimmy	Allen 562-896-1347	2:00
2/29	PS12-00109	2258 Orange	3/1-2	gas line		Dennis 7-246-6741	3:15
3/1	PS11-00511	942 Sunsof	3/2	sidewalk	Jimmy	Mike 7-425-3920	3:07
3/1	PS12-00059	2945 Auway	3/2	curb/gutter approach	Jimmy	7-936-1874	3:10
3/2	PS12-00012	372 E. 16th St.		replace light pole		909-841-3350	10:04 AM

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
2/14		no requests					
2/15	PS12-00003	499 E. 19th St	2/16	Pre ace		Chris 9-633-8395	2:15
2/15	PS12-00671	17th and 17th	2/16	Pre Enc		909-322-7722	2:30
2/15	PS12-00051	17th Dewara St	2/16	Pre Rec		7-240-9173	3:00
2/16	PS11-00517	307 E 16th St	2/17	Asphalt		626-625-1301	4:00
2/16	PS12-00030	Santa Ana/Alhambra	2/17	"		"	"
2/16	PS11-00402	San Rafael	2/17	"		"	"
2/17	PS12-00000	1900 Newport Blvd.	2/21 (11 PM)			Christina 949-727-7345	10 AM
2/17	PS12-00100	985 Victoria	2/21	renew lateral repair		Ben 951-306-7927	2:15 PM
2/21	PS11-00494	178 E 19th St	2/21	eng-inj	duffy	7-240-6741	8:30
2/21	PS12-00104	488 Punnett St.	2/22	Pre Enc	duffy	661-209-0099	3:00
2/22	PS11-00540	NW corner Redhill & Paulina	2/23	Raving		Mark @ AE Paulina 909-208-3923	9:11 AM
2/22	PS12-00040	801 Baker St, Hair salon	2/23	Pre-con		Stan 7745-8812	10:07 AM
2/22	PS11-00511	944 Sunset	2/23	eng-inj	duffy	7-240-3900	4:00
2/23	PS12-00109	2258 Orange Ave	2/24	Pre		duffy 7-240-6741	9:00
2/23	PS11-00104	3333 Fairview	2/24	Pre ace		Christina 7-632-6680	9:50

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
2/8	PS11-80416	2530 Colberg	2/9	Final		9-633-8395	3:45
2/8	PS11-80477	891 Baker St	2/9	Final Lane Closure		606-498-4266	
2/8	PS11-80407	805 Prudica	2/9	Gas main's		9-394-6912	
2/8	PS11-80460	492 Summit	2/9	Asphalt		2-472-7740	
2/8	PS12-80063	1475 South Leeward	2/9	Core		951-258-8964	
2/9	PS12-80067	1201 Parker	2/10	Final Lane		316-885-4455	11:30
2/9	PS12-80012	3333 Bristol	2/10	Final Lane		None	
2/9	PS12-80036	3195 Harken Blvd	2/10	Final Lane		None	
2/9	PS12-80082	3350 Care of Cuts	2/10	Open Cresting		7-412-6424	3:00
2/9	PS11-80477	891 Barker	2/10	Sidewalk		7-797-5816	3:15
2/10	PS11-80510	Redhill; Paularino	2/13	Lowing		Mark-Az Pipeline 909-208-3942 or 3923	9:30AM
2/10	PS12-80494	178 E. 19th St.	2/13	Pre-con		Dennis of Kilbride 7240-0741	12:39
2/10	PS12-80019	667 Victoria St.	2/14	Final grind infg		None	2:37
2/13	PS-11-80459	3125 Haddon	2/14	Sidewalk		7-397-9521	
2/13	PS-12-80042	Hamulter Thruway	2/14	Geometry		909-376-9241	
	PS12-80044	" "	2/14	"			

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REOSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
1/30	RS11-00131	Quinn's Fruit Stand (911) 20652083 Thurns St	2/1/12	Final		Gary Wade 949-310-4466	1/30/12
1/30	RS11-00159	3125 Harbor	1/31/12	Ongoing street work		Terry 562-254-5395	1/30/12 1/31/12
1/31	---	No Requests	---	---	---	---	---
2/1	RS11-00116	914 Summit Dr.	2/2/12	trench inspection		Jason @ TTS Eng info # provided 2/1/12	7:42 AM
2/1	RS12-00056	240 Hill Pl.	2/6/12	Asphalt Rep. replace		Pat Sanders 949-2250109	11:51 AM 2/1/12
2/1	RS11-00352	290 Buena	2/6/12	tree		Terry 909-342-2778	
2/1	RS11-00196	1116 Danville Dr.	2/6/12	tree		Mue	
2/2	RS11-00406	942 Sunset	2/7/12	garage		7-472-7740	8:45
2/2	RS12-00058	W. McQuesten/Hondoguts	2/7/12	tree		957-796-4804	
2/3	RS12-00013	Center: Anaheim	2/6/12 9:00	concrete inspection		For Electric-Gilbert 909-841-7653	9:30
2/3	RS12-00067	1201 Baker: Fairview	2/6/12 9:00	tree construction		Patrick Shaugnessy 310-885-4455 x102	3:04
2/3	RS11-00460	942 Sunset Dr.	2/6/12	Gen Pl Insp.		Jason of TTS Eng 714-472-7740	3:27
2/3	RS12-00065	3068 Wallace Ave.	2/9/12	tree		referred by Dex Snics.	10:50 AM
2/6	RS12-00058	McArthur Waterway	2/7/12	tree		Dexter 957-726-4804	11:00
2/6	RS12-00082	3355 Ave of Arts	2/8/12	tree		7-497-1317	2:30
2/7	RS11-00452	282 E. Wilshire	2/8/12	tree		Dolores 909-983-9856	1:01 PM
2/7	RS12-00058	Madison Reservoir	2/8/12 8:30	tree		Javier 951-796-4804	3:34 PM

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REOSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
1/18	PS12-00016	2346 Elden Ave	1/19	Service		Jackie 1-800-603-7060	2:30
1/19	PS11-00343	Elden	1/20	ENE		Don/Sonson 957-704-5791	4:45
1/19	PS11-00540	W. Redhill/Reburia	1/20+23	ENE		Abel/Calaver 909-208-3933	10:45
1/19	PS11-00540	Reburia	1/20	ENE		Ben/Ruggero 909-208-3926	11:00
1/19	PS12-00016	2346 Elden	1/20	SEWER SOURCE		Angie 1-800-603-7060	11:47
1/19	PS12-00036	3195 Harbor/Hicks	1/20	Line Closure Sampling		John AT 7-857-4087	12:00
1/20	PS12-00033	467 Flower	1/23	Sidewalk		Chris Jenkins 714-345-9371	10:53
1/20	PS11-00540	Redhill & Reburia	1/23	Traffic insp		Don/Sonson Eng 714-891-2323	3:31
1/23	PS11-00540	Redhill & Reburia	1/24-25	ENE		Adey/Ellison 909-208-3933	11:30
1/24	PS11-534	2346 E. 17th St	1/25	Final		Andrew H.	Office 11:40 AM
1/24	PS11-00857	1852 Iowa St.	1/25	Final		Robert B.	Office 9:30 AM
1/24	PS11-00459	3125 Harbor Blvd	1/25	ongoing		Scott 562-254-5895	2:10 PM
1/25	PS11-00536	Fairview: Valley Forge	1/26	Grind:oop		Mark-A2 Pipeline 909-208-3923	10:56 AM
1/26	PS11-00540	942 Sunset	1/27	pathole		Cherry 7-936-3529	10:30
1/26	PS12-00059	2945 Aurora	1/27	Pre		Oliver 7-936-1873	12:30
1/27		no requests					

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
1/10/12	PS11-00536	Fairview; Valley Forge	1/12 PM	asphalt paving		Barrens of A2 Pipeline 988-8908 988-8908	11:47 AM
1/10/12	PS11-00467	3183 Red Hill Ave.	1/12 10 AM	asphalt paving		Pdt-Medina Cons 951-830-8710	1:12 PM
1/10/12	PS12-00001	919 Sunset Dr.	1/12 ANY	final		714-906-6952	3:47 PM
1/11/12	PS11-00532	1859 Illinois St.	1/12	Pre-Con		714-457-9871	9:01 AM
1/11/12	PS12-00618	3070 Banatol	1/12	Pre acc		7-620-6019	2:00
1/11	PS11-00509	South Coast/Wilmington	1/12	Sidewalk pour 9:00am		7-666-5749	9:00
1/12	PS11-00218	390 Vista Nueva St	1/13	Pre acc	Tom	Advant 9-322-3702	9:25
1/12	PS12-00019	667 Victoria	1/17	Pre acc	Tom	7-246-6741	11:15
1/12	PS12-00020	1927 Harbor	1/13	Pre acc		7-246-6741	11:27
1/12	PS11-00353	121 E 18th St	1/13	Final acc		916-417-4173	4:00
1/13	PS11-00038	3417 Dimbleton	1/17	Final insp		James Trolinger 714-549-2136	AM
1/13	PS11-00343	Victoria (left message for cross street)	1/17	trenching		Dan 951-704-5791	2:27 PM
1/17	PS12-00620	1927 Harbor	1/18	Pre acc		626-945-4725	8:15
1/17	PS11-00459	3125 Harbor	1/18-20	for permit sf. work		none left	11:00
1/17	PS12-00037	3599 Harbor	1/18	stone closure		Musa 7-325-4921	2:30
1/17	PS12-00620	1927 Harbor	1/18	Sidewalk demolition		Steve 626-945-4725	3:15

INSPECTION LOG SHEET 2012

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
1/3	PS11-00378	1743 New Hampshire	1/4	line aee		7-641-8988 Total margot	10:00
1/3	various	various	1/4	ene		686-625-1301 Ken 7-984-4952	11:00 11:00
1/3	PS12-00001	919 Summit dr.	1/4	pre ene		7-984-4952 Ken 7-984-4952	11:00
1/3	PS11-00335	145 near dr	1/4	final ene		909-910-5998 Steve 809-208-3926	11:15 message left 1:45
1/3	PS11-00536	N.B. Fairview	1/4	move ene		809-208-3926 Ben-Angeles	
1/4	PS11-00536	N.B. Fairview	1/5	done closure		"	8:00
1/4	PS11-00531	234 E. 17th st	1/5	form base ene		7-884-2959	2:30
1/5	PS12-00009	686 Carter Blvd	1/6	pre ene		7-718-8188 Tom WEDS	8:00
1/5	PS11-00209	3333 Bristol	1/6	final ene		714-920-4341 Klone	11:00
1/5	PS11-00534	234 E 17th st	1/6	form base ene		714-884-2659	1:00
1/6	PS11-00509	So. Coast / Almbuders	1/9			904-440-6000 Dennis (mp provided)	9:30AM
1/6	PS11-00343	Deborah St between Domona & Maple	1/9			Dennis Kilwide 7340-0741	10:01
1/6	PS11-00534	234 E. 17th St.	1/9 PM	asphalt imp.		7) 884-2659	2:38PM
1/9	PS11-600610	3333 Bristol	1/10	lane closure		7-920-4341 Klone	10:10
1/9	PS11-60509	1142 Buckinghams	1/10	ene		7-696-5749 Mark-HFE1	2:30
1/9	PS11-00313	Sevaks & Orange	1/10	translators repairs		Alan/San com 951-704-5791	3:15

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
12/12	PS11-00511	942 Sunset	12/13	Club + quarters		Pattner 9-929-5428	7:18
12/12	PS11-00467	3183 Red Hill	12/13	open trench		Jay-Vel 951-832-5664	7:27
12/12	PS11-00574	Emmerson/Julies	12/13	Water pipe		Samm Aguilar 909-991-2802	9:07
12/12	PS11-00396	2519 Deligable	12/13	Water pipe		Budb 7-501-3829	2:00
12/12	PS11-00147	1626 Myrtlewood St	12/13	Water pipe		Budb 9-500-8600	2:30
12/12	PS11-00262	291 Magnolia	12/13	Water pipe		John 7-642-6355	3:00
12/13	PS11-00390	2301 E. 16th St.	12/14	Water pipe		Dennis Rocco 7-240-0741	9:33
12/13	PS11-00461	778 W. 20th St	12/14	Water pipe		Mark 7-4493-9974	10:11
12/13	PS11-00455	216 Palmer St.	12/14	Water pipe		Mike J. 7-878-5200	2:58
12/14	PS11-00579	Abigail Cameron	12/22	Water pipe		Samm Aguilar 909-991-4802	
12/14	PS11-00458	274 Broadway	12/15/16	Water pipe		John-PS11 951-225-5678	
12/14	PS11-00131	2079 Thurman St	12/15	Water pipe		Chang 9-310-4466	4:00
12/15	PS11-0467	" "	12/16	Petering's gutters		" "	3:00
12/16	PS11-0467	3183 Red Hill	12/19	Water pipe inspection		Joe@VCI 909-772-6681	9:37 10:11 AM
12/16	PS11-00458	274 Broadway	12/19	Water pipe inspection		9) 943-0535 909-991-2802	11:15 AM
12/19	PS11-00534	234 E 17th St	12/20	Water pipe		7-884-2659	10:40

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
12/1	PS11-80506	1512 Bristol	12/2	Curb + gutters	Mike	Duclos 310-746-3143	12:00
12/2	PS11-80470 1	Victoria College	9:00a 12/5	(stripping) Fines	Mike	Marcus - Eugene Repulse - 9092083923	2:00p
12/2	PS11-00400 0		12/5	Fines	Mike called for contractors		2:15p
12/2	PS11-80401		12/5	Fines	See above		
12/2	PS11-80459	3125 Harbor	12/5-12/9	Engineering Streetwork	Mike	Kevin Cell - 562-2545395	3:58p
12/5	Various	Various	12/6	Asphalt		S.E. Jhao 626-625-1301	Rec letter attached
12/5	PS11-00510	3590 Hanken Gateway	12/6				
12/6	PS11-00508	1900 Newport / 191st	12/8	NGIT Mill	Tom	TRF 562-577-9330	2:00
12/6	PS11-00506	1512 S.E. Bristol	12/7	Asphalt	Mike	Carlos 310-746-3143	2:05
12/6	PS11-80455	266 Palmer	12/1	Pave Ene		Mike 7-878-1520	4:00
12/7	PS11-00511	942 Sunset	12/8	SD Grub, gutter approach	Mike	Patrick Paterni 949-999-5428	9:55a
12/7	PS11-00513	3470 Fairview	12/13	Sign 4.00 AM closure NGIT work	Tom	Today - Blainlock 310-885-4455	3:15
12/8	PS11-80512	398 Woodland PL	12/9	Pave ace	Tom	Wynne - Delcourt 7-932-8874	10:00
12/8	PS11-00458	274 Broadway	12/9-12/12	Turf/work MISC		John Katharns 951-825-5678	3:18
12/9	PS11-80131	2039 T Ruwin	12/12	curb/gutter sidewalk	Mike	Gary Wozel 949-310-4466	9:05a
12/9	PS11-00503	179 E. 17th St. SLD	12/12	Pave - curb	Mike	760-960-3977	2:42

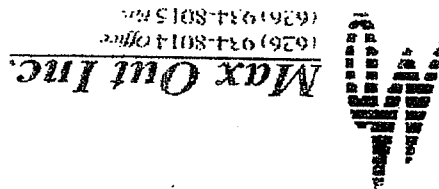
*note: in an effort to expedite repairs for both the city & So. Cal. Gas Co. we normally over schedule our work.

Location #	Address	Permit#
1	Monrovia	PS11-00 319
2	Arroyo Viejo & C	PS11-00 316
3	604 San Mich	PS11-00 316
4	20th St	PS11-00 387
5	2503 Arroyo Viejo Ln	PS11-00 387
6	San Rafael	PS11-00 402

- Asphalt
- Concrete
- Grind & Overlay
- Slurry Seal

To: City Of Costa Mesa
 Dept: Public Works
 Phone: (714) 754-5025
 Fax: (714) 754-5028
 From: Clarence Rogers
 Cell: (626) 625-1301
 RE: Paving Locations for So. Cal. Gas Co.
 Work Date: 12-5-11

1215 John Reed Ct. City of Industry, Ca 91745



INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
11/18	PS11-00496	1854 Bu Vista Ci	11/21	the tree		Chuo 7-623-3072	11:30
11/18	PS11-00367	2050 Memoria	11/21	final tree		Donor 7-425-0709	2:00
11/21	PS11-00400	Buister / 65th st	11/22	re-siting pavers	Mike	Sam Ogden 909-991-2482	9:30
11/21	PS11-00427	3321 Highland	11/22	tree		Chuo 9-929-2635	10:30
11/22	PS11-00425	3333 Seaman	11/23	Final cond. record		Comerion Kozak 7-271-1790	9:49 am
11/22	PS11-41	Victoria College	11/23	Final arbor survey	(Mike)	anyone @ yahoo	2:00 p
11/23	PS11-00401	Harkin / Victoria	11/24	on soving	Tom	Pat Stewart 909-991-2450	12:00
11/28	PS11-00459	3125 Harkin Blvd	11/28-1/2	tree	Mike	Tom 562-259-5395	2:00
11/28	PS11-00343	dogon/Baker Road	11/28	tree	Tom	Alan Chumiste 957-704-5799	8:08
11/28	Various	Various - see attached	11/28 - 5/1	tree	Mike	see letter attached	
11/28	PS11-00507	1950 Placentia ave.	11/30	pre-const. tree	Mike	Donor 957-545-7056	9:09 a
11/29	PS11-00506	1512 SE Buister st.	11/30	cond. (Gutter Form)	Mike	Carla 949-5143	2:57 p
11/29	PS11-00504	1201 Baker st.	12/1	tree	Tom	310-RR5-4455	3:30 p
11/30	PS11-00400	Buister	12/1	tree	Mike	Various - see attached	11:30
11/30	PS11-00189	Baker / Lawrence	12/1	Arbor Guard	Mike	Clarence 626-625-1361	3:45-

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
11/7	PS11-20351	Adams / Hudson ^(part of East Market)	11/8	inspect		714-234 9156 Mendee Duffy 909-308-3426	2:22p
11/8	PS11-00401	Victoria College	11/9	Site walk		Ben Conzina Puyaloe Trent Wallace 562-254-5395	6:25a
11/8	PS11-00459	Harker Blvd ⁽³¹²⁵⁾	11/8, 10	street work		Parcel - Sam Agustin - 919-991-4808	11:38a
11/8	PS11-00401	Harker / Victoria	11/9 pm-5am	Close.		500a GLE Ryan Tel 975-0229	2:39p
11/9	PS11-00461	"	11/9 10p 5a	Close.			4:30p
11/10		No requests for 11/11	-	Robbery - or	11/14		
11/14	PS11-60321	1653 Oak Hill PL	11/15	Driveway - or 2nding.		Mary 7-588-8562	9:00
11/14	PS11-00330	1927 Harker Blvd	11/15	Pre acc		Paul 9-795-7560	11:00
11/14	PS11-00042	Reediel Sq mclomie	11/15	Drone closure		Al (Parcel) 909-520-1508	12:00
11/14	PS11-60885	3180 Reediee	11/15	ongens	Mue	Ryan 760-915-9229	4:30
11/15	PS11-00495	2353 College Dr	11/16	Pre acc		Thomas 7-262-9164	8:30
11/15	PS11-06493	2517 Farmway Dr	11/16	Pre acc		Shel 951-808-2674	11:30
11/16	PS11-00400	Buiter / St Hwy	11/16 (Sun) 11/17 (Mon)	Handing curse 8:30-3:30 to gens	Tom	Paul de Shown 909-841-3342	1:30
11/17	PS11-00406	Buiter & 55 Hwy	11/18	Enc 8:30-3:30	Mue	Shawn Howard 909-841-3342	8:00
11/17	PS11-06445	3333 Sweeny St	11/18	Pre acc		Conover 7-271-1790	11:30
11/17	PS11-06401	Victoria College	11/21	apport repair	Mue	Sam Agustin 909-991-4802	12:00

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
11/1	PS11-004726	2059 Harbor	11/2	Pre acc		Buel 707-527-2928	11:00
11/1	PS11-002822	173 Merrill Pl	11/2	asphalt		see letter attached	
11/1	PS11-004558	274 Broadway	11/3	engering Ene		John R89 951-925-5678	3:00
11/1	PS11-004944	2900 Bunker	11/2	repare ene		1302 Wadcom 7-681-3563	3:15
11/2	PS11-003310	3218 Washington	11/3	flame acc		MATE 7-369-4410	8:00
11/2	PS11-004577	3150 Bunker	11/3	Stripped studs/bricks		Bob Dean 949-279-3003	1:55 pm
11/2	PS11-003021	1653 Oak	11/3	Funial Sump off Funial accers		Craig 714-578-8562	2:26 pm
11/2	PS11-004566	145 Melody hwy.	11/3	Parving Funial/acc		Matty Boyd 949-439-9034	9:35 pm
11/2	PS11-4000	3095 Red Hill (work is on Furry)	11/3	?		Don Wadcom (Big boy inc) 714-3314515	2:48 pm
11/2	PS11-401	Bunker / Rando lph	11/3	?		Craig Pypalke ? Cable comp.	3:19 pm
11/3		No request					
11/4	RS 11-00351	Walden Blvd.	11/8	asphalt	(replaced from 11/4)	dameela hopy 4E com	10:02 am
11/4	PS11-00400	Bunker / 55 F.	8:30-9:30	(1) concrete NB/SB		Sam oquiter (big mate) 949-991-4802	10:16 am
11/4	PS11-00400	Bunker / Boker	10 pm - 5 am	Night work		Pat Oler (sam oquiter) 909-991-4802	10:20 am
11/7	"	" changed	10 pm - 5 am	"		(mbe) for "	8:12 a
11/7	PS11-401	Victoria College	11/8-3:30	mae		(mbe) for "	8:14 a

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
10/27	PS11-00400	Bristol/Belden	10/30	Done	Tom	Sam Ogden - 809-991-4802 Tom - 841-3342	3:00 PM 3:50 PM
10/27	PS11-00459	South East Ave	10/30	Done	Tom	Sam Ogden - 809-991-4802 Tom - 841-3342	11:00 PM 2:00 PM
10/27	PS11-00459	Annexin/Whites	10/28	Abolish ongoing	MDE	Nuez 7-387-9521	2:00
10/27	PS11-00459	Wauia	10/31-11/4	"	"	"	"
10/27	PS11-00456	Fisher/Redhill	10/28-10/31	Done	"	Alan 7-331-4575	2:15
10/28	PS11-00401	Victoria/College	11/7 8:30 11/7, 3:30	Ongoing	"	Sam Ogden 909-991-4802	12:51
10/28	PS11-00458	274 Broadway	10/31, 11/01 11/02	encl	"	John 951-225-5478	10:44
10/28	PS11-00456	3095 Redhill	10/31 8:30am	Paving	"	Don 714) 331-4515	11:21
10/28	PS11-00389	655 Anton	10/31 thru 11/4	Misc Tue-loop insp Wed-Fri-misc	"	Tom 714) 920-7259	12:34
10/28	PS11-00434	Bristol: Town Center	10/31	Final restoration	"	909-991-4802 714) Tom	2:35
10/28	PS11-00389	655 Anton	10/29	By firm	"	920-7259	3:39
10/31	PS11-00401	Harker @ 19th	11/1 + 11/2	Ongoing	"	Sam Ogden 909-991-4802	9:25
10/31	PS11-00401	Victoria + College	11/4	"	"	"	"
10/31	PS11-00400	Bristol	11/6	Done	Tom	Sam Ogden 909-991-4802	
10/31	PS11-00351	Harker Blvd	11/2-3/4	Ongoing	"	Tom 7-234-9156	2:00
11/1	PS11-00346	Harker Blvd	11/2	Done	"	Alan 920-7259	2:28

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	RESTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
10/19	RS11-60434	Buick/Town Center	10/20-21	NIGHT	Tom	909-322-7722	3:35
10/20	RS10-00558	843 W. 178st	10/21	Education Program	Mike	909-208-3923	8:00
10/20	RS11-00434	Brick/Town Center	10/24-25/26	MCHT	Tom	909-322-7722	8:30
10/20	RS11-00445	3183 Red Hill	10/21	Gene Closure	Mike	714-681-3563	11:00
10/20	RS11-00445	3333 Swan St	10/21	Gene Closure	Mike	7-271-1796	12:15
10/20	RS11-00331	Sunflower/Brick/Brick	10/31-11/4	Market Group	Tom	7-434-9966	3:15
10/20	RS11-00458	274 Broadway	10/25	Gene	Mike	951-225-5678	4:20
10/21	RS11-00434	Brick/Town Center	10/24-25	Night	Tom	909-322-7722	2:30
10/24	RS11-00338	2650 Fairview	10/25	Truckee Center	Mike	951-288-8661	9:00
10/25	---	no requests	---	---	---	---	---
10/26	---	no requests	---	---	---	---	---
10/27	RS11-00458	274 Broadway	10/28+11/6	Gene	Mike	951-225-5678	9:00
10/27	RS11-00440	Brick	10/27	8:30-3:30 program	Tom	909-322-7722	---
10/27	RS11-00401	Victoria/Cadell	10/31	"	"	"	---
10/27	RS11-00401	Haven	11/1+1/4	"	"	"	---

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	RESTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
10/13	PS11-08447	1663 Alvia Ave	10/14	Enc-Pne?		944-287-1749	5:30
10/14	PS11-00401	Harden/14th/Victoria	10/14	Enc		Sam PS11-00401	7:13
10/14	PS11-00446	178 W. 20th St	10/17	Pne acc		Marek 7-493-9974	10:45
10/14	PS11-00433	2430 Delmer Pl	10/17	brake acc		Marc	11:20
10/14	PS11-00247	1663 Alvia Ave	10/17	brake		Musquel 944-287-7744	1:00
10/14	PS10-68591	3010 Redhill	10/17	brake		Alan 714-325-7664	1:17
10/17	PS11-00448	Intersection: 8th & 1st, Cinnamon	10/20	Traffic Control		John 714-851-4007	10:24
10/17	PS11-00456	3095 Redhill Ave	11/18	Enc-Pne		North 909-841-4057	2:11
10/18	PS11-00443	3895 Redhill	10/19	Pne acc		Alan 714-325-7664	11:15
10/19	PS11-00445	3188 Redhill	10/20	Enc		Sam 714-681-3563	8:00
10/19	PS11-00029	3535 Highland	10/20	flame acc		flame 7-628-1308	8:35
10/19	PS11-080458	374 Broadway	10/20	Pne Enc		John 951-225-5678	8:40
10/19	PS10-00358	2134 Astor Pl	10/20	flame		flame 7-464-2376	9:45
10/19	PS11-00400	Bristol/55th Hwy	10/22	Self Inspect		Sam Gordon 949-991-4802	10:00
10/19	PS11-00459	3125 Harden Blvd	10/20	Pne Enc		Marek 7-307-9521	11:35
10/19	PS11-00456	3095 Redhill	10/25+21	Enc	Marc	Alan 949-841-4657	3:25

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REOSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
10/7	PS 11-00338	2450 Fairview Rd. Arlington Side	10/10	Concrete & rebar		Miguel Macias 951-283-8461	12:07
10/7	PS 11-00101	Baker east of Randolph	10/11 : 10/12	Concrete on sidewalk		Abel Arizona 909-208-3939	12:54
10/10	PS 11-00346	Fairview Rd / Arlington Dr.	10/11	Drainal pavement		Danny, Cable Com 949-854-7446	1:37
10/10	PS 11-00358	920 Arbor St.	10/11	Const / access		Loody R. 714) 321-9456	1:43
10/11	PS 11-00442	Alley 31	10/12 8:30am	City Project		Mohine Chival 714) 754-5140	11:47 am
10/11	PS 09-00407	1588 Riverside Pl.	10/12 11am	final		Bardia Nabidi 949-683-0007	3:35
10/11	PS 09-00483	"	"	"		"	"
10/11	PS 11-00220	"	"	"		"	"
10/11	PS 11-00434	Town Cr ; Bristle	10/13	Pre-con		Kathy 951-232-7597	2:26
10/11	PS 11-00443	868 Liard Pl.	10/12	Emergency for	ATIT by ACI	Mike Guveria	3:41
10/12	PS 11-00350	179 E. 17th St #A001	10/13	Final		Joseph 562-773-6250	8:34
10/12	PS 11-00473	868 Liard Pl.	10/13	"		Mike Guveria	10:03
10/12	PS 11-00417	Inter section of Adams Harbor and Adams	10/13 : 10/14	Final		Dan W.	12:07
10/12	PS 11-00305	3313 Highland Ave.	10/13	Requesting pre-con mtrg		Doug Schaeffer 714) 604-8860	2:15
10/12	PS 11-00434	Bristle and Town Cr	10/13	Requesting pre-con mtrg		Kathy 232-7597	2:51
10/13	PS 11-00444	356 16th Place	10/14	pre-con mtrg		Dan 949-203-6848	3:00

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REOSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
9/30	PS11-001116	Swygloer <u>NY 4417</u>	11-5 Am M-T-W			Don 714-620-5048	8:07
9/30	PS11-00349	Placestia Hamilton	10/2 7am			Drew Ed 509 909-841-3914	8:22
9/30	PS11-00416	2530 Colby Dr.	10/5	Pre		Chris 949-633-8395	10:17
9/30	PS11-00343	Superior	10/3+4	CMSD		Don 951-704-5791	2:55
10/3	PS11-00172	1525 MacVade St	10/4	Pre acc		Jeff 7-340-3568	8:15
10/3	PS11-00421	3168 Curwies	10/4	on going		Bruce 7-412-7484	11:30
10/3	PS11-00346	2701 Fairview	10/4	on going		Rachel 951-453-4044	11:30
10/3	PS11-00359	495 E 17th St	10/4	"		"	"
10/3	PS11-00343	21st & Newport	10/4	Swear name		Alan 951-704-5791	2:00
10/3	PS11-00338	Oaklynks/Fairview	10/4	on going		Miguel 951-883-8061	2:08
10/4	PS11-00417	2799 Harbor	10/7			Chris 619-820-0824 619-241-3575	3:43
10/5	PS11-00400	Bakley Roadway	10/6	Pre		Ben 909-508-3926	3:00
10/6	PS11-00236	1518 Westmonte	10/7	ene		Letitia attached	
10/6	PS11-00332	3095 Hudson Blvd	10/7	"		"	"
10/6	PS11-00247	3125 Kennedy	10/7	fuel acc		Shirley 9-820-6108	2:15

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REOSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
9/23	PS10-00634	P91 23rd St	9/26	Frame		909-208-8196	3:38
9/23	PS11-86342	"	"	"		"	
9/23	PS11-00343	Barker / Andrews	9/26	Frame		951-641-5791	3:35
9/26	PS11-00361	345 Clinton	9/27	line		909-322-7722	10:00
9/26	PS11-00364	2909 Ventura	9/27	"		"	"
9/26	PS10-00460	300 S. Romero	9/26	urgent water	Tom	7-926-8646	
9/26	PS11-00412	3118 Fairview	9/27	alarm eye		909-208-3733	3:00
9/26	PS11-00370	1248 Berkeley Ave	9/27	fire eye		9-456-7030	4:40
9/27	PS11-00417	Adams + Harbor	9/29	utilities		Don 760-399-7881	11:40
9/27	PS11-00387	222 E. 20th St.	9/28	misc.		Brian 909-947-8940	1:56
9/28	PS11-00326	752 W. 20th	9/30	misc.		Don 818-321-4344	9:30
9/28	PS11-00401	Harbor (Victoria + College)	9/29	traffic control		Jack PAR 951-757-9658	10:55
9/28	PS11-00295	869 W. 17th St / Pleasant	9/29	fire traffic control		9-631-6800	3:00
9/29	PS11-00420	1350 Alvarado / Harbor	9/30	fire eye		909-641-8801	10:30
9/28	PS11-00401	Harbor / N. 19th + Victoria / College	9/30	misc eye		909-854-2850	2:00
9/29	PS11-00343	Victoria / Morgan / Rodarte	9/30	power work		951-704-5791	3:45

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
9/15	PS11-80404	2201 Sartana	9/16	Pre Ene		Genevieve 909-947-8410	5:00
9/16	PS11-00405	457 Walnut Pl	9/19	misc		Brian 909-947-8946	2:00
9/16	PS11-00338	Fairviews Dr.	9/19	Traffic control		Miguel 951-883-8661	2:41
9/16	PS11-00389	655 Antox Blvd.	9/19	Pre		Tim Wilson 714-235-7808	2:50
9/16	PS11-00343	Sparks St.	9/19 + 9/20	misc		JD 714-823-7199	2:59
9/16	PS11-00172	1525 Mea Verde	9/19	Pre Acc		Debb 714-240-3568	2:59
9/16	Various	Various locations	9/19	Pre Ene		Pre attached	
9/19	PS11-00389	655 Carter Blvd	Sept 20 - Oct 4	Various Ene	Mike	Tom 7-920-7259	11:15
9/19	PS11-00351	1485 Alala Way	9/20	Pre Ene		SGA-427-6889	3:20
9/20	PS11-00407	805 Prestida	9/21	Access		Frank 949-394-6912	9:05
9/21	PS11-00338	2650 Fairview	9/22	Nature center concrete	Mike	Miguel 951-283-8661	1:00
9/21	PS11-00377	457 Walnut Pl.	9/26	Pre		Bob TSP 714-745-3813	12:25
9/21	PS11-80460	360 Bulb St	9/22	Boards am.	Mike	Fred 7-920-8646	1:15
9/21	PS11-00291	320 Kalama	9/22	Pre Ene		John Block 9-645-8345	4:30
9/22	PS11-00410	488 E. 17th St.	9/26	Pre Ene		Patrick 310-629-1461	10:53
9/22	PS11-00338	2650 Fairviews	9/23	Traffic Control		951-283-8661	2:20

SCHEDULE FOR FINAL

A/P/D's for 1011 EL CAMINO DR in Costa Mesa

16:58 09/15/2011

Level 1	Level 2	Level 3	Number	Type	Sub Type	Status	Date	Name
			<input checked="" type="checkbox"/> PS06-00630	ROW2006	ENCR	ISSUED	10/09/2006	EL CAMINO PARTNERS LLC
			<input checked="" type="checkbox"/> PS09-00238	ROW2008	ENCR	ISSUED	06/05/2009	OXBOW 101 LLC
			<input checked="" type="checkbox"/> PS09-00491	ROW2008	ENCR	ISSUED	10/12/2009	AT&T CALIFORNIA

Total Rows: 3

Tulks Roe.

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
9/9	PS11-00390	2301 E. 16th	9/12	Sewer		Dennis 714-248-0741	9:15
9/9	PS11-00360	2701 Fairview Rd	9/12	Misc		Robert	9:16
9/9	PS11-00342	191 23rd St.	9/12	eqg		Dave 909-208-8190	2:05
9/12	PS10-00360	1995 Amherst	9/13	Fire		9-244-8034	1:30
9/12	PS11-00380	703 W. 18th St	9/13	Hot Holding		7-797-5816	2:00
9/12	PS11-00338	2650 Fairview	9/13	Hot Holding Cathodic Control		951-283-8661	2:15
9/12	PS11-00342	191 23rd St	9/13	Fire		Dave 909-208-8191	3:00
9/13	PS11-00088	2707 Danbury	9/14	Final		949-683-9801	12:09
9/13	PS11-00402	3493 San Rafael	9/14	Misc		Bryan 909-947-8940	1:01
9/13	PS11-00386	3190 Airport Loop Dr.	9/14	Misc		Bruce 714-412-7484	1:12
9/13	PS11-00333	9104 Linden Rd.	9/14	Misc		David 949-279-5200	3:10
9/14	PS11-00338	Fairview/Palmita	9/15	Hot Holding Cathodic Control		951-283-8661	8:00 + 3:00
9/14	PS11-00337	465 Abbey Way	9/15	Fire		7-337-9332	9:30
9/14	PS11-00351	1485 Doe Way	9/15	Fire		7-689-7289	10:00
9/15	PS11-00390	2301 E 16th St	9/16	Fire		7-240-6744	1:30
9/15	PS11-00403	1928 Santa Ana	9/16	Fire		Brandon 909-947-8940	3:00

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REOSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
9/2	PS10-00466	300 S. Bristol	9/6	Enc		fred 7-926-8646	8:15
9/2	PS11-00202	448 Magnolia	9/6	pre acc		See # 9-933-6338	12:45
9/2	PS11-00355	Newport / 1st St	9/4-9	MVA	Tom	Alvino 9-337-2035	3:00
9/2	PS11-00361	345 Elveta	9/6	continuing pre		Jorge 909-322-7722	3:30
9/2	PS11-00364	2469 Easting Pl / Baker	9/6	pre		Jorge 909-322-7722	3:45
9/6	PS11-00338	Fairview Rd.	9/7	Traffic Control		Nique 9510-283-8261	12:32
9/7	PS11-00364	Baker & Century	9/8			Oscar 626-373-6458	4:42
9/7	PS11-00361	Red Hill & Denton	9/8	Traffic Control			4:45
9/7	PS11-00245	2915 Red Hill	9/8	Final		John 714-681-8592	8:00
9/7	PS11-00390	2301 E. 16th St.	9/8	Pre		Dennis 949-631-1200	9:50
9/7	PS11-00338	2301 E. 16th St.	9/8	osoin		Michael 951-383-8681	1:30
9/8	PS11-00396	2701 Fairview	9/12	Pre		7-909-3390	9:30
9/8	PS11-00338	Arlington / Fairview	9/4	Traffic Control		951-383-8681	2:30
9/8	PS11-00169	338 East Sherman	9/9	Final		9-933-9868	4:10
9/9	PS11-00169	338 East Sherman	9/12	Final	11 11	949-433-9868	9:25
9/9	PS10-00558	1675 Babcock	9/9	misc	Tom	909-208-0323	4:32

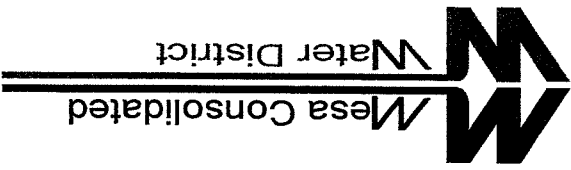
8:53
8:55
9:20

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REOSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
8/29	PS10-00460	300 S. Buxton	Cancelled				
8/29	PS10-00558	Bealock / S 17th St	8/31 10:00	Electric		951-278-300	10:50
8/29	PS11-00359	Shelington / Durine	8/30	Pole		951-453-4044	11:15
8/29	PS11-00348	695 Center	8/30	Funeral		944-285-1109	12:00
8/29	PS09-00538	1331 Belmont	8/31	Funeral	Mulle	704-330-1747	3:30
8/30		No Requests - SR					
8/31	PS11-00336	3333 Bristol	Night	Leave	TB	909-446-6679	8:05
8/31	PS10-00579	393 Humbleton	9/1	Funeral		9-246-6403	2:15
8/31	PS10-00558	Bealock / 17th St	9/1	Electric		951-270-3100	3:30
8/31	PS11-00338	Shelington / Durine	9/1	Electric		951-283-8061	3:15
8/31	PS11-00239	1993 Remondin	9/1	Funeral		910-250-1577	3:30
9/1	PS11-00359	495 E 17th St	9/2	Electric		951-572-1232	9:15
9/1	PS11-00361	345 Clinton St	9/2	Electric		951-232-7597	2:45
9/1	Various	Various MWD	9/2	Funeral		see letter attached	
9/1	PS11-60338	Shelington / Durine	9/2	Electric		951-283-8661	3:00
9/1	PS11-60389	655 Center	9/2	Electric		7-235-7808	4:35

Address	Permit Number	Date
2111 Pomona Avenue	PS11-00261	06/21/11
3265 Turlock Drive	PS11-00273	06/28/11
2543 Fordham Drive	PS11-00259	06/30/11
3272 Minnesota Avenue	PS11-00114	07/28/11
1928 Maple Avenue	PS11-00313	08/01/11
3049 Yukon Circle	PS11-00314	08/01/11
2776 Cibola Avenue	PS11-00340	08/16/11
Mesa Verde Blanket Permit – Slurry Area	PS11-00107	08/31/11
710 W. 16 th Street	PS11-00288	08/31/11

Mesa Consolidated Water District
Request for Final Inspection for Permits Listed
September 1, 2011



RECEIVED
 SEP 01 2011
 ENGINEERING

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REOSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
8/25	PS11-00338	2650 Farnivies/Burlington	8/26	Pre		951-283-8661	9:30
8/25	PS11-00548	695 Center St	8/26	Pre		Frank 9-285-1109	9:45
8/25	PS11-00326	152 W. 20th St	8/26	Organic		9-285-1109	2:30
8/25	PS09-00538	1331 Belmont	8/26	Basement	Mike	9-285-1747	3:00
8/25	PS10-00460	300 Bristol	8/26 + 8/30	conforming		Frank 7-926-8646	3:00
8/26		2322 Westminster	8/29			Scott 949-244-0805	7:30
8/26	PS11-00324	1926 Kawai Dr.	8/29			Hilovare 502-595-7575	9:52
8/26	PS11-00348	695 Center St	8/29			Frank 949-285-1109	9:57
8/26	PS11-00348	695 Center St.	8/30	Final		" "	" "
8/26	PS10-00206	1701 Placentia	8/29	Final		Mike 949-412-1382	10:01
8/26	PS09-00538	1331 Belmont	8/29-30-31	misc	Me	Lot 714-330-1747	3:15
8/26	PS11-00321	1653 Oahu Pl.	8/29	Access		Maig 714-888-8562	4:05
8/29	PS11-00300	3497 Santa Clara	8/30	Pre		909-541-2181	9:00
8/29	PS11-00285	530 W. Wilson	8/30	Final		9-345-6739	10:10
8/29	PS11-00361	2909 Century Pl	8/30	Pre		951-232-2897	10:30
8/29	PS11-00361	345 Clinton St	8/30	Pre		951-232-7597	10:35

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
✓ 8/16	PS11-00171	444 West 19th	8/17	Final	acem	Rashid 702-301-2700	11:45
✓ 8/16	PS11-00341	2449 Fordham	8/17	acem	NIKE 775-901-1700	Lora 949-274-0964	3:25
✓ 8/16	PS11-00342	191 23rd St.	8/17	Pre		Dave 909-208-8190	4:00
8/17	PS11-00311	20th / Orange	8/18	AFT		Ruben 9-787-5821	2:00
8/18	PS11-00316	1912 Onahauin	8/19	removal photos	mlie	Therese 909-292-9161	2:15
8/18	PS09-00538	1331 Bulpet	8/19	Pre case	mlie	- Doc 7-330-1747	4:10
8/19		no requests		SRC			
8/22		no requests					
✓ 8/23	PS10-00548	Anton & Ave Dr...	8/24	misc.		949-337-3944	12:24
✓ 8/23	PS11-00338	2650 Fairview Rd.	8/29	Pre		951-283-8661	1:30
✓ 8/23	PS11-00291	320 Kalanus	8/24	ctg		John	1:31
✓ 8/23	PS11-00362	769 Wilson	8/24	Pre		Rick Willis 949-205-8180	1:39
✓ 8/24	PS11-00350	179 E. 17th St.	8/25	acem		Shoepf 562-773-6250	6:24
✓ 8/24	PS11-00297	3095 Harbor	8/25	final	me	760-580-6345	9:15
✓ 8/24	PS11-00326	Placentia / 20th	8/25	Pre		Sue 818-321-4344	10:50
8/24	PS11-00210	311 Platte St	8/25	Pre case		Tom 562-339-5888	4:00

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
8/10	PS11-60298	325 E Baker	8/11	Pre acc	Mula	Cherell 7-510-4133	10:00
8/10	PS11-00284	3435-3496 W Indiana	8/11	Ubores		Walter 7-244-5947	2:30
8/10	PS10-00620	341 21st st	8/11	? acc		Bobby 951-375-0983	11:00
8/10	PS11-00334	493 Magnolia	8/11	Pre acc		Mick 9-641-2964	3:30
8/11	PS11-00285	3333 Bristol	8/12	Final cure		Valerie 909-281-1361	10:00
8/11	PS11-00115	2079 Thurn St	8/12	Concrete		for	
8/11	PS11-00285	2961 Ardus St	8/12	"		"	
8/11	PS11-00285	Muttlewood	8/12	"		"	
8/12	PS11-00282	173 THE Merrill St.	8/15	Final cure		Brandon 951-218-3624	9:22
8/15	PS11-00745	1935 Aurora st	8/16	Final cure		Helen 30-435-2569	8:00
8/15	PS10-00620	341 21st	8/16	Final cure		Bobby 951-375-0983	10:3
8/15	PS11-00316	1912 Oranahin	8/16	Pre cure 8:30	Tom	F. Vans 909-922-9161	12:30
8/15	PS11-00317	Julia/Ans R	8/16	Pre cure 7:00		"	"
8/15	PS11-00291	320 Kalmus Dr	8/16	Pre cure		John 9-645-8345	"
8/16	PS11-00329	252 Hill Place	8/17	accn		Corey 949-212-9445	5:21
8/16	PS11-00310	3218 Washington	8/17	accn		Wate 714-369-4900	8:17

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
8/3	PS11-00305	3080 Briarcliff	8/9	Pre ace		Bob 818-919-2334	3:00
8/4	PS11-00303	227 Cottage Pl	8/5	Pre ace		9-412-5447	-
8/4	PS11-00296	3470 Fairview	8/4	Pre ace	Tom	7-851-4627	9:30
8/4	PS11-00267	3186 Auniversity	8/5	Pre ace		9-825-8910	2:30
8/5		No Inspection					
8/8	PS11-00319	2103 Memorial	8/9	Pre ace		Bradley 951-288-324	9:50
8/8	PS10-00421	436 Cambridge Ct	8/9	Pre ace		9-278-3812	11:00
8/8	PS10-00623	3493 San Raphael	8/9	Pre ace		7-262-0933	11:15
8/8	PS11-00297	3095 Harker	8/9	Pre ace		760-580-6345	2:00
8/8	PS10-00607	1200 Newport	8/9	Pre ace		951-258-0145	2:30
8/8	PS11-00121	2260 Orange One	8/9	Concrete		May Out due to	
	PS11-00115	2679 Thuring St	8/9	Concrete		''	
8/9	PS11-00284	3441-3448 Kings Ct. Queens Ct.	8/10	Sewer backflow Insp. Program		714) 824-1947	8:33 am
8/9	PS11-00266	3435-3494 Williamsburg Way	8/10	Replacing call cabinet		714) 824-1947	8:33 am
8/9	PS11-00325	919 Arbor	8/10	Power pole replacement for Edison		562-595-6031	8:38 am
8/9	PS11-00297	3095 Harbor Blvd.	8/10	Form work concrete		760-580-6345	2:14 pm

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
7/25	PS11-00296	3470 Fenwick	8/4	Pre Inspection Pre Inspection	Tom	Tom 7-857-4027	12:30
7/25	PS11-00307	2050 Monmouth	7/26	Pre enc		Tom 7-485-0789	2:30
7/26	PS10-00628	242 Robis Hood	7/27	Access		949-646-578	2:18
7/27	PS11-00246	269 Magnolia	7/28	Pre acc		Julie 9-355-3582	3:00
7/28	PS11-00300	409 Flower	8/1	Pre enc		Bradley 951-218-3214	9:45
7/28	PS08-00041	2658 Sate Ave Cve	7/29	enc		Clarence Cale 705-1301	11:30
7/28	PS10-00579	393 Hamilton	7/29	Final acc		Grande 9-246-0403	1:30
7/29	PS10-00460	300 Bristol	8/1	Misc		Frank 714-926-8246	8:50
7/29	PS11-00244	3198 Airport Loop	8/1	Pre Access		Chael 949-338-7700	10:07
7/29	PS10-00418	151 Kalnwa Dr.	8/1	Final		No request	2:25
8/1	PS11-00248	55 Fair Dr.	8/2	Pre		Suzan 949-795-7488	4:55
8/1	PS11-00297	3025 Harbor	8/2	Water in-ir	Tom	Mule 768-580-6845	2:30
8/1	PS11-00387	2050 Monmouth	8/2	Pre enc	Tom	8M 7-485-0709	3:00
8/1	PS10-00501	Babe / Bath / Fenwick	8/2	Emergency enc	Tom	7-473-9572	3:30
8/2	PS11-00291	320 Kalnwa	8/3 Am	Final		John 949-795-7995	2:16
8/3	PS11-00322	Meda Verde Drive	8/4	Enc working		Brian - Andy Republic 949-268-3926	1:30

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REQSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
7/18	PS11-00299	3120 Van Buren	7/19	Pre		Brian 9-355-2702	2:10
7/19	PS11-00142	3070 Killgusbrake	7/20	Pre		John 714-431-0331	10:49
7/20	PS11-00137	1475 South Coastal	7/21	Final		Pre	
7/20	PS10-00533	910 John St	7/21	Final		Brian 7-273-2098	1:30
7/20	PS10-00503	1996 Twiston	7/21	Final		Tom 562-343-0662	2:30
7/20	PS10-00569	3191 Red Hill	7/21	Final		Tom SEC 951-754-3110	3:00
7/21	PS11-00301	145 Melody Ln	7/22	Final		9-439-8934	10:00
7/21	PS11-00032	140 E. 20th St	7/22	Final		Charles 7-356-2823	11:00
7/21	PS11-00265	Red Hill/Bristol	7/22	Final		Brian 909-208-3926	3:45
7/22	PS11-00292	248 E. 19th	7/25	Final		PAR Electric Davis	11:15
7/22	PS11-00297	Service	7/26	Sub grade	Tom	Nike 700-580-6345	11:30
7/22	PS11-00205	290 Bristol	7/28	Final		Ben 909-208-3926	12:51
7/22	PS11-00225	3333 Bristol	7/28	Final	Tom	Valerie 909-781-6361	1:12
7/22	PS11-00302	3599 Harbor Blvd	7/26	Final		Brian 714-325-4921	1:21
7/22	PS11-00242	2302 Newport Blvd.	7/26	Final		Brian 909-947-8946	3:14
7/25	PS11-00265	290 Bristol	7/26	Final		Kevin 951-258-8964	8:00

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REOSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
7/11	PS11-00158	2079 Main St	7/12-13	Utilities		James J 9-310-4466	9:30
7/11	PS11-00001	341 21st St	7/12	Eng's Eric		Bob 957-375-0983	10:30
7/11	PS11-00293	281 Harbor Blvd	7/12	Shroud water sample		Alan 760-399-1881	3:00
7/11	PS11-00257	1852 Java St	7/12	Pre Rec		Bob 7-313-8533	3:15
7/11	PS11-00168	1825 Placenter	7/13	Pre Rec		Alene 9-631-3763	4:30
7/12	PS11-00266	3333 Bear St.	7/15	enck		Duati 512-595-7575	2:15
7/12	PS11-00291	320 Kalms Dr.	7/13	dag		Don	2:28
7/12	PS11-00293	2801 Harbor Blvd.	7/14	misc.		Don 760-399-7881	4:05
7/13	PS11-00242	2302 Newport Blvd.	7/14-15	misc.		Brandon Scott 909-947-8940	4:30
7/13	PS11-00016	2164 Memmora	7/14	Start damage from removal		Steve 9-394-3188	3:15
7/13	PS11-00195	2817 Protea Dr	7/14	Pre Rec		Robt 909-947-8940	3:15
7/13	PS11-00136	see letter	7/14	Bringing		Clarene 626-625-1301	
7/14		No requests					
7/15	PS11-00297	3095 Harbor Blvd	7/19	Pre		Mike 760-580-6345	2:48
7/18	PS11-00242	2302 Newport Blvd	7/19-22	Eng's		Brandon 909-947-8940	10:15
7/18	PS11-00158	2079 Main St	7/19-22	Eng's		Alan 9-310-4466	11:30

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REOSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
7/5	PS11-00285	530 W. Wilder	7/6	One ace		7-385-0759	12:15
7/5	PS11-00271	Paulding Redhill	7/6	hubble capital		209-721-6150	12:30
7/5	PS11-00277	311 Costa near st	7/6	Funel one		7-296-9144	2:15
7/5	PS10-00606	2568 Orange Ave	7/6	one one		949-322-1210	3:00
7/5	PS11-00158	2079 Thurnin	7/6	one one		949-300-4466	3:30
7/5	PS10-00421	436 Cambridge	7/6	Funel one		9-278-3812	4:00
7/6	PS10-00196	2404 Orange Ave.	7/7	Final access		Steve 949-574-9114	8:11
7/6	PS11-00238	Redhill - Pullman	7/8.8.9	on going one	Nulla	909-322-7722	1:00
7/6	PS11-00201	341 E. 21st St	7/7	curb + gutters		951-375-8963	2:00
7/6	PS11-00242	3302 Newport	7/9-8	supplac. go man		951-377-6442	2:15
7/6	PS11-00266	3333 Bear St	7/9	how left		962-595-7575	3:10
7/6	PS11-00283	3195 Harbor Blvd	7/18	hubble concave		7-851-4027	10:45
7/7	PS11-00332	121 Juniper	7/8	Value asphalt		7-580-1133	1:00
7/7	PS11-00201	2619 Orange Ave	7/8	the ace		760-221-5558	1:45
7/7	PS11-00661	341 E 21st St	7/8	curb gutters		951-375-0983	3:15
7/8	PS11-00136	946 Sunset Dr.	7/11	Asphalt		909-947-8946	3:42

INSPECTION LOG SHEET 2011

DATE	PERMIT #	LOCATION	REOSTD DATE/TIME	TYPE OF INSPECTION	INSPECTOR	CALLER INFO	TIME OF CALL
6/27	PS11-00277	311 Costa Mesa St	6/28	pre	Steve	9-645-8572	10:48
6/27	PS11-00275	2915 Red Hill	6/28	pre		7-681-8592	2:00
6/28	PS11-00243	2328 Newport Blvd.	6/28-7/1	misc.	Mike	Brandon Scott	4:20
6/28	PS11-00242	2302 Newport Blvd.	6/28-7/1	"	"	951-218-3624	4:20
6/28	PS11-00010	2104 Monrovia Ave.	6/29	accen		949-394-3188	10:30
6/28	PS11-00277	311 Costa Mesa St.	6/29	misc	Mike	949-645-8512	2:14
6/29	PS10-0542	3333 Fairview	6/30	on-site	Mike	619-97-4735	1:20
6/30	PS11-00221	2568 Elden Ave	7/1	final	Mike	7-580-1733	10:45
6/30	PS11-00275	2172 Ehole	7/5-7/6	ene	Mike	9-640-4696	4:21
7/1	PS10-00542	3333 Fairview Rd.	7/5-7/7	misc	Mike	Ken 619-917-4735	11:53
7/1	PS11-00001	341 21st Street	7/5	edg	Mike	Bobby Sakina 951-6375-0983	2:30
7/1	PS11-00238	3190 Pullman	7/5	pre	Mike	Kathy 951-6232-7597	2:52
7/5	PS11-00264	1590 Adams	7/6			951-258-0964	8:00
7/5	PS11-00221	3632 Founway	7/6	Value	AKWD	7-580-1133	10:00
7/5	PS11-60232	3668	7/6	Value	AKWD	"	"
7/5	PS11-60252	201 Hammer Dr	7/6	misc		Huey 562-545-6031	11:15

SECTION C-9

EXISTING DEVELOPMENT

PROGRAM EFFECTIVENESS ASSESSMENT

C-9.0 Existing Development

C-9.1 Introduction (LIP Section A-9)

The existing development program addresses industrial and commercial facilities, residential areas and common interest areas/homeowners associations (CIA/HOAs). Each component is reported on individually in the following sections:

- Section C-9.2, Industrial Program
- Section C-9.3, Commercial Program
- Section C-9.4, Residential Program
- Section C-9.5, CIA/HOA Program

C-9.2 Industrial Program (LIP Section A-9.2)

C-9.2.1 Organization Chart

The key staff responsible for overseeing, implementing, and enforcing the existing development program element are identified in an Organization Chart (Figure A-9-1) of the City’s Local Implementation Plan (LIP).

C-9.2.2 Inventory

The City maintains an inventory of the identified industrial facilities within the City’s jurisdiction. The inventory is updated on an ongoing basis and includes information on ownership, SIC and / or NAICS codes, General Industrial Permit WDID# (if any), size, location, etc. The updated inventory is included as an Attachment to this report.

Total Number of Industrial Facilities in Inventory	Number of Industrial Facilities - Without General Industrial Permits	Number of Industrial Facilities With General Industrial Permits
284	258	26

C-9.2.3 Prioritization

The City prioritized the industrial sites as high, medium or low based on their respective threat to water quality. The industrial prioritization is updated on an ongoing basis as part of the inventory that is included as an Attachment to this report.

Number of high priority facilities	Number of medium priority facilities	Number of low priority facilities	Total Number of Facilities
28	6	250	284

C-9.2.4 BMP Fact Sheets

BMP fact sheets have been developed and included as a part of the Existing Development program. The fact sheets include a description of specific BMPs for common industrial

activities that may discharge pollutants and provide a focus on the Pollution Prevention measures that the facility should implement. The activity based Industrial/Commercial fact sheets that were developed are fact sheets IC1 – IC24 and are included as an attachment to the City’s LIP.

C-9.2.5 Inspections

The City inspected the industrial facilities at the frequency determined by the priority ranking assigned to each facility as identified in the LIP. The inspections entail a review of the material and waste handling practices, BMP implementation and evidence of past or present unauthorized non-stormwater discharges.

The City is inspecting all of the high priority industrial sites once per year, all medium priority sites once every two years and all low priority sites once per permit cycle.

In addition, if there is evidence of non-compliance with the Water Quality Ordinance, (see LIP A-4.0), the City re-inspects the facility once a month, at a minimum, in order to ensure that the facility is brought back into compliance. After they are in compliance the facility is inspected once every six months for the next calendar year.

Total Number of Facilities	Number of Facilities Inspected During the Reporting Period		
	High	Med	Low
31	23*	6	2

*An additional five inspections were conducted by the RWQCB.

Number of Facilities Out of Compliance	Number of Re-inspections Due to Non-Compliance
0	0

The industrial inspection information and database is updated on an ongoing basis and provided to the Regional Boards as a part of the Annual Progress Report submittal. The inspection related information includes, at a minimum, inspection dates, inspectors present, the written and photographic results of the inspection, and any enforcement actions taken. The updated inspection database is included as an Attachment to this report.

C-9.2.6 BMP Implementation

As part of the industrial facility inspections the City inspectors determine the level of BMP implementation and also assess the effectiveness of the implemented BMPs. Based on the results of the inspections conducted, a summary of the status of the BMP implementation is provided below.

# Facilities with BMPs Fully Implemented	# Facilities with BMPs Partially Implemented	# Facilities with No BMPs
19	12	0

C-9.2.7 Enforcement

The City's Industrial/Commercial and Authorized Inspectors undertake enforcement activities according to the City's adopted Water Quality Ordinance and the countywide accompanying Enforcement Consistency Guide. The enforcement mechanisms available are detailed in the City's LIP.

When selecting enforcement options, the City's Authorized Inspectors ensure that violations of a similar nature are subjected to similar types of enforcement remedies. Nonetheless, more severe enforcement options may be selected when a violator has either a history of noncompliance or has failed to take good faith actions to eliminate continuing violations or to meet a previously imposed compliance schedule.

Administrative Remedies			Criminal Remedies	
# Educational Letters	# Notice of Noncompliance	# Administrative Compliance Orders	# of Cease & Desist Orders	Misdemeanor, Infraction
2	0	0	1	0

*During 2011-2012 fiscal year, no unauthorized non-storm water discharges were observed during the 31 industrial inspections.

The City observed violations of the General Industrial Permit during the reporting period.	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
--	------------------------------	--

Name	WDID	Address	Violations
Not Applicable			

The City has identified facilities that may require coverage under the General Industrial Permit, but have not submitted an NOI.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
--	---	-----------------------------

Name	WDID	SIC	Address	Violations
AMERICAN AIRLINES INC	N/A	4581	3000 AIRWAY AVE A-2	None

C-9.2.8 Reporting

For non-compliant facilities that pose a threat to human health or the environment, the City provides oral or e-mail notification to the Regional Board within 24 hours. Following oral notification, the City sends a written report within 5 days detailing the nature of the non-compliance and any corrective action taken.

Number of Reports Made to the Board

0

The City also provided quarterly updates to the Santa Ana Regional Board regarding stormwater information gathered during site inspections of industrial facilities that are, or should be, regulated by the General Industrial Permit.

C-9.2.9 Training and Outreach

Training

The training efforts are summarized in Section C-3.5 of the PEA.

Outreach

The City outreaches to the industrial facilities within its jurisdiction so that they can be informed of their responsibilities. This outreach is summarized in Section C-6.3 of the PEA.

C-9.3 Commercial Program (LIP Section A-9.2)

C-9.3.1 Organization Chart

The City identified which Department(s) is responsible for the implementation of this stormwater program element by submitting an organization chart with the Local Implementation Plan.

C-9.3.2 Inventory

The City maintains an inventory of the identified commercial facilities within the City's jurisdiction, which is updated on an ongoing basis, quarterly at minimum, and includes relevant information on ownership, size, location, etc. The updated inventory is included as an Attachment to this report.

Total Number of Sites

626*

*We have excluded food facilities from this number.

Mobile businesses are addressed through the Countywide Mobile Business Pilot Program. Efforts of the Countywide Mobile Business Pilot Program are summarized in the FY 2010-11 Unified Annual Report.

C-9.3.3 Prioritizations

The City prioritized the commercial sites as high, medium or low based on their respective threat to water quality. The commercial prioritization is updated on an ongoing basis as part of the inventory that is included as an Attachment to this report.

Number of high priority facilities	Number of medium priority facilities	Number of low priority facilities	Number of food facilities	Total Number of Facilities
69	125	432	873*	626**

*Based on business license information. Recommend verifying information with HCA list.

**Excludes food facilities.

The City prioritized a minimum of 10% of the commercial facilities in the Commercial Facility Inventory as high, and a minimum of 20% of the commercial facilities in the Commercial Facility Inventory as medium.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
--	---	-----------------------------

C-9.3.4 BMP Fact Sheets

BMP fact sheets have been developed and included as a part of the Existing Development program. The fact sheets include a description of specific BMPs for common commercial activities that may discharge pollutants and provide a focus on the Pollution Prevention measures that the facility should implement. The activity based Industrial/Commercial fact sheets that were developed are fact sheets IC1 – IC24 and are included as an attachment to the City’s LIP. BMP fact sheets have also been developed for mobile high pressure businesses and are included as an attachment to the City’s LIP.

C-9.3.5 Inspections

The City inspected the commercial facilities at the frequency determined by the LIP. The inspections generally include a review of the material and waste handling practices, BMP implementation and evidence of past or present unauthorized non-stormwater discharges.

The City is inspecting all of the high priority commercial sites once per year, all medium priority sites once every two years and all low priority sites once per permit cycle.

Commercial Site/Source	Number of Sites /Sources Inspected			Total Number Since Permit Adoption	% Completed at Time of this Report for Current Permit Cycle
	High	Med	Low		
626 Commercial Sites	69	117	3	371	59%

The commercial inspection information and database is updated on an ongoing basis and provided to the Regional Boards as a part of the Annual Progress Report submittal. The inspection related information includes, at a minimum, inspection dates, inspectors present, the written and photographic results of the inspection, and any enforcement actions taken. The updated inspection database is included as an Attachment to this report.

C-9.3.6 BMP Implementation

As part of the commercial facility inspections the City inspectors determine the level of BMP implementation and also assess the effectiveness of the implemented BMPs. Based on the results of the inspections conducted, a summary of the status of the BMP implementation is provided below.

# Facilities with BMPs Fully Implemented	# Facilities with BMPs Partially Implemented	# Facilities with No BMPs
170	19	0

C-9.3.7 Enforcement

The City’s Industrial/Commercial and Authorized Inspectors undertake enforcement activities according to the City’s adopted Water Quality Ordinance and the countywide accompanying Enforcement Consistency Guide. The enforcement mechanisms available are detailed in the City’s LIP.

When selecting enforcement options, the City’s Authorized Inspectors ensure that violations of a similar nature are subjected to similar types of enforcement remedies. Nonetheless, more severe enforcement options may be selected when a violator has either a history of noncompliance or has failed to take good faith actions to eliminate continuing violations or to meet a previously imposed compliance schedule.

Administrative Remedies			Criminal Remedies	
# Educational Letters	# Notice of Noncompliance	# Administrative Compliance Orders	# of Cease & Desist Orders	Misdemeanor, Infraction
0	0	0	0	0

*During 2011-2012 fiscal year, no unauthorized non-storm water discharges were observed during the commercial inspections.

C-9.3.8 Reporting

For non-compliant facilities that pose a threat to human health or the environment, the City provides oral or e-mail notification to the Regional Board within 24 hours. Following oral notification, the City sends a written report within 5 days detailing the nature of the non-compliance and any corrective action taken.

Number of Reports Made to the Board
0

C-9.3.9 Training and Outreach

Training

The training efforts are summarized in Section C-3.5 of the PEA.

Outreach

The City outreaches to the commercial businesses (including mobile high pressure businesses) within its jurisdiction so that they can be informed of their responsibilities. This outreach is summarized in Section C-6.3 of the PEA.

C-9.4 Residential Program (LIP Section A-9.5)

C-9.4.1 Organization Chart

The City identified which Department(s) is responsible for the implementation of this stormwater program element by submitting an organization chart with the Local Implementation Plan.

C-9.4.2 BMP Fact Sheets

BMP fact sheets have been developed and included as a part of the Existing Development program. The fact sheets include a description of specific BMPs for the residential areas and activities identified below and provide a focus on the Pollution Prevention measures that the residents are encouraged to implement. The activity based Residential fact sheets that were developed are fact sheets R1 - R8 and are included as an attachment to the City's LIP.

The City has identified the following residential areas and activities that are potential sources of pollutants:

Residential auto washing and maintenance activities; use and disposal of pesticides, herbicides, fertilizers and household cleaners; and collection and disposal of pet wastes.

C-9.4.3 Outreach and Training

Training

The training efforts are summarized in Section C-3.5 of the PEA.

Outreach

The City has developed outreach efforts to encourage the use of the designated BMPs and to facilitate the proper collection and disposal of household hazardous wastes. This outreach is summarized in Section C-6.3 of the PEA.

C-9.5 CIA/HOA Program (LIP Section A-9.6)

A pilot program has been developed to control pollutant discharges from common interest areas and areas managed by homeowner associations or management companies. These efforts are summarized in the FY 2010-11 Santa Ana Region Unified Annual Report.

C-9.6 Existing Development Program Effectiveness Assessment

The continued inspection efforts and updating on inspection database based on ever changing business license database continue to be an effective preventative effort.

C-9.7 Existing Development Program Modifications

Based upon the knowledge gained in preparing this Program Effectiveness Assessment, the City has identified modifications that will be made to Section A-9 of the City's LIP. Those modifications are: No modifications were made to this section during the reporting period.

SECTION C-10

ILLEGAL DISCHARGES/ILLICIT CONNECTIONS

PROGRAM EFFECTIVENESS ASSESSMENT

SECTION C-10, Illegal Discharges/Illicit Connections

C-10.0 Illegal Discharges/Illicit Connections (ID/IC)

C-10.1 Introduction (LIP Section A-10.0)

Since illegal discharges and illicit connections can be a significant source of pollutants from the municipal storm drain system, the City's LIP includes a comprehensive program for detecting, responding to, investigating and eliminating these types of discharges/connections in an efficient and timely manner. In order to ensure that the program is efficient and effective, the City has instituted regular documentation procedures for their water pollution complaint and spill response activities.

C-10.2 Illegal Discharges (LIP Section A-10.2)

C-10.2.1 Organization Chart

The key staff responsible for overseeing, implementing, and enforcing the ID/IC program element are identified in an Organization Chart (Figure A-10-1) of the City's Local Implementation Plan (LIP).

C-10.2.2 Authorized Inspector Designations

The City's adopted Water Quality Ordinance 97-20 identifies many of the duties of the Authorized Inspector as the responsibility of the City Engineer and those persons directed by them and under their instruction and supervision who are assigned to investigate compliance with, detect violations of, and take actions pursuant to the Ordinance.

A list of the City's Authorized Inspectors and the relevant contact information is provided below:

Name	Title	Department	E-mail Address	Phone Number
Patrick Bauer	Associate Engineer	Public Services	Patrick.Bauer@costamesaca.gov	714-754-5633

In addition to the designated City Authorized Inspectors listed above, the City has also entered into a Water Quality Ordinance Implementation Agreement with the Orange County Flood Control District to assist with some of the Authorized Inspector and Spill Responder duties. This contract allows the City to request assistance from the County's Authorized Inspectors in order to respond to and follow up on hazardous or after-hours complaints and incidents.

The status of the city's legal authority for addressing ID/IC is discussed in Section C-4.0.

SECTION C-10, Illegal Discharges/Illicit Connections

C-10.2.3 Detection of Illegal Discharges and Illicit Connections

The City has a number of programs that proactively facilitate the detection of current and/or potential sources of illegal discharges and illicit connections including the following:

- Municipal Activities (Section A-5) – field inspectors and facility managers assist in the identification of illegal discharges and illicit connections during their daily activities.
- Public Education (Section A-6) – various inspectors assist with the distribution of public education materials that provide phone numbers and encourage the reporting of spills.
- New Development/Significant Re-Development Program (Section A-7) – assists with the identification of new development and/or significant development post construction controls that are either not functioning adequately or are not being maintained, resulting in an on going or threatened discharge to the storm drain system.
- Construction Activities (Section A-8) – assists with the identification of illegal discharges from construction sites.
- Existing Development Programs (Section A-9) – assists with the identification of actual or threatened illegal discharges from industrial, commercial and residential areas.
- Water Quality Monitoring Program (Section A-11) – assists with the identification of problem areas through the collection of water quality data.

C-10.2.4 Water Pollution Complaint Hotline

The city has established phone numbers to receive water pollution complaints and incident information. These numbers are as follows:

During Business Hours	After Business Hours
714-754-5323	714-754-5250

In addition to the established City phone numbers, the City also advertises the Countywide 24-hour bilingual water pollution complaint hotline (877) 89-SPILL and website complaint form (www.ocwatersheds.com) through the distribution of the countywide public education materials and coordinates with the County when complaints are received.

A summary of the sources of the water pollution complaints that the City received during the reporting period is provided below.

Source of Water Pollution Complaints/Incidents	Number of Complaints/Incidents Reported	Incidents Reported to Regional Board as Presenting a Threat to Human or Environmental Health
See spread sheet	51	0

SECTION C-10, Illegal Discharges/Illicit Connections

C-10.2.5 Spill Response Procedures

The City's Authorized Inspectors follow specific spill response procedures documented in the *Model Investigative Guidance for Orange County Illegal Discharges and Illicit Connections Program*.

C-10.2.6 Water Pollution Incident Summary

The tables below provide information regarding the water pollution incidents that have been reported and responded to within the City's jurisdiction.

See attached spread sheet.

C-10.2.7 Enforcement Summary

Water pollution enforcement may be handled administratively or in more serious instances, be prepared for prosecution. As provided for in the Enforcement Consistency Guide, when selecting enforcement options, the City's Authorized Inspectors ensure that violations of a similar nature receive the appropriate similar type of enforcement remedy. Nonetheless, more severe enforcement options may be selected when a violator has either a history of noncompliance or has failed to take good faith actions to eliminate continuing violations or to meet a previously imposed compliance schedule.

C-10.2.8 Case Summary

Information regarding any civil or criminal cases submitted by the City that are either pending, underway or that have been settled during the reporting period is provided below.

See attached spread sheet.

C-10.3 Illicit Connections (LIP Section A-10.2)

The City developed a drainage facility inspection and documentation program to identify and eliminate illicit connections to the storm drain system. Illicit connections to the storm drain system are prohibited.

During the reporting period, no illicit connections to the City's storm drain system were found.

Type of Connection	Resulting Action(s)
None	NA

C-10.4 Source Investigations

C-10.5 Training and Outreach (LIP Section A-10.4)

Training

One of the primary ways that the City keeps its Authorized Inspectors informed and trained is by having them attend the Authorized Inspectors Committee. During the reporting period the City's Authorized Inspectors attended one of the committee meetings that were held.

The City also trained its inspectors by having them attend both Permittee sponsored training as well as other regional training and workshop opportunities. These training efforts are summarized in Section C-3.5 of the PEA.

Outreach

As a part of the response activities, the Authorized Inspectors provide outreach materials to businesses and residents who may have been identified as a responsible party for an illegal discharge or illicit connection. This outreach can occur while the inspector is on sight during an inspection or with a follow up letter after an inspection has been completed. The City's outreach efforts are summarized in Section C-6.3.

C-10.6 ID/IC Program Effectiveness Assessment

Current efforts responding to spills and non-stormwater related discharges continue to be challenging due to decreased services and personnel able to respond quickly to complaints. Lack of vehicles and other equipment necessary to respond has been challenging due to budget constraints.

C-10.7 ID/IC Program Modifications

Based upon the knowledge gained in preparing this Program Effectiveness Assessment, the City has identified modifications that will be made to Section A-10 of the City's LIP. Those modifications are: No modifications were made to this section during the reporting period.

Table C-10.2 Source of Complaints/Incidents

PERMITTEE	City Staff	City Staff	City Staff	City Staff	City Staff	Other Agencies	Other Agencies	Other Agencies	Other Agencies	Other Agencies	Hotline	Hotline	Hotline	Hotline	Hotline	Public	Public	Public	Public	Public	Busin-esses	Busin-esses	Busin-esses	Busin-esses	Busin-esses	Other	Other	Other	Other	Other	Total	Total	Total	Total	Total
	2007-08	2008-09	2009-10	2010-11	2011-12	2007-08	2008-09	2009-10	2010-11	2011-12	2007-08	2008-09	2009-10	2010-11	2011-12	2007-08	2008-09	2009-10	2010-11	2011-12	2007-08	2008-09	2009-10	2010-11	2011-12	2007-08	2008-09	2009-10	2010-11	2011-12	2007-08	2008-09	2009-10	2010-11	2011-12
Aliso Viejo	9	4	21	20		0	0	3	5		0	0	0	0		20	30	11	2		0	0	4	2		2	0	0	1		31	34	39	30	0
Anaheim	108	91	64	56		138	21	5	58		87	82	0	0		0	0	108	139		2	3	0	0		0	0	0	0		335	197	177	253	0
Brea	27	10	5	13		1	15	2	2		0	0	0	0		3	2	1	3		2	3	2	3		0	0	0	1		33	30	10	22	0
Buena Park	65	112	69	46		6	6	3	0		0	0	1	2		10	6	11	33		1	1	2	3		3	1	2	5		85	126	88	89	0
Costa Mesa	7	5	5	6	3	18	16	4	6		0	0	1	0	0	41	25	13	29	37	2	1	0	3	6	0	0	0	21	5	68	47	23	65	51
Cypress	13	8	13	9					0		0	0	0	0		3	3	14	10		2	0	0	0				70		18	11	27	89	0	
Dana Point	67	57	49	69		2	6	5	2		3	2	1	2		147	40	36	51		0	0	0	0				68	0	219	105	159	124	0	
Fountain Valley	17	30	101	88		1	3	2	4		3	11	17	7		16	7	31	65				0	0				0		37	51	151	164	0	
Fullerton	0	0	0	0		2	2	0	0		0	0	0	0		66	66	31	48		0	0	0	0		0	0	0	0		68	68	31	48	0
Garden Grove	220	323	243	205			3	3	3			2	0	0		51	52	45	34		5	5	N/A			2	0	2	0		278	385	293	242	0
Huntington Bch	447	334	355	307		7	10	9	6		0	0	0	0		50	30	40	43		1	5	5	2		0	0	0	0		505	379	409	358	0
Irvine	63	31	27	19		10	11	23	78		0	0	0	0		64	34	24	28		0	0	1	1		0	0	0	0		137	76	75	126	0
La Habra	21	51	19	19		1	5	2	0		0	0	0	0		12	15	8	14		1	1	3	0		1	0	0	0		36	72	32	33	0
La Palma	3	10	5	2		0	0	1	1		0	0	0	0		3	6	5	3		0	0	1	0		0	0	0	0		6	16	12	6	0
Laguna Beach	14	18	10	6		6	22	33	3		18	4	13	6		36	43	35	19		0	0	0	0		0	0	0	0		74	87	91	34	0
Laguna Hills	33	40	39	17		3	1	1	4		0	0	0	0		4	6	5	5		0	0	0	0		0	0	0	0		40	47	45	26	0
Laguna Niguel	0	0	0	4		3	3	0	3		0	0	0	2		27	17	13	11		0	0	1	1		0	0	0	0		30	20	14	21	0
Laguna Woods	25	34	25	38		5	3	2	2		1	0	0	0		15	13	11	3		2	0	0	1		2	1	0	0		50	51	38	44	0
Lake Forest	47	25	20	35		11	14	2	5		3	4	3	2		54	52	41	42		0	0	0	4		0	0	0	0		115	95	66	88	0
Los Alamitos	3	3	0	DNR		0	0	0	DNR	DNR	0	0	0	DNR		4	2	2	DNR		0	0	0	DNR		0	0	0	DNR		7	5	2	DNR	0
Mission Viejo	9	0	0	5		20	0	0	10		0	0	0	0		50	54	36	39		2	0	0	0		0	0	0	1		81	54	36	55	0
Newport Beach	132	148	167	136		6	4	16	9		64	52	48	21		273	209	268	123		58	49	42	28		260	312	256	378		793	774	797	695	0
Orange	186	103	110	91		10	19	12	11		75	61	70	64		9	11	3	8		0	0	0	0		0	0	0	0		280	194	195	174	0
Placentia	16	10	DNR	DNR		4	3	DNR	DNR		0	5	DNR	DNR		13	6	DNR	DNR		2	2	DNR	DNR		0	0	DNR	DNR		35	26	DNR	DNR	0
R S Margarita	0	0	2	5		2	0	0	0		0	0	0	0		14	12	35	45		0	0	0	1		0	0	0	0		16	12	37	51	0
San Clemente		236	6	105			14	5	4		118	183	195	1		94	5	48	41				0			181	0	1	152		393	438	255	303	0
S J Capistrano	27	6	7	34		10	8	1	7			0	2			27	11	2	19		5	1	0	0		1	0	0	0		70	26	10	62	0
Santa Ana	17	13	13	7		6	6	2	8			0	4	2		9	11	19	15		2	2	3	2		4	3	3	0		38	35	44	34	0
Seal Beach	25	27	12	3		1	0	1	0		0	0	0	0		0	0	2	2		0	0	0	0		0	0	0	0		26	27	15	5	0
Stanton	10	16	16	21		5	0	3	64		0	0	0	0		4	4	2	4		0	0	2	1		0	0	0	1		19	20	23	91	0
Tustin	13	14	14	4		2	2	2	1		0	0	0	0		14	6	4	6		0	0	0	2		0	0	2		29	22	22	13	0	
Villa Park	2	4	5	4		1	2	1	0		0	0	0	0		5	0	4	4		0	0	0	0		0	0	0	0		8	6	10	8	0
Westminster	5	10	6	28		2	2	4	5		2	2	2	1		11	7	5	7		3	0	2	3		0	0	0	0		23	21	19	44	0
Yorba Linda	2	2	0	0		0	2	1	1		0	0	2	1		10	10	3	4		0	0	0	0		0	0	0	0		12	14	6	6	0
County of Orange	85	92	48	54		59	53	34	50		108	107	107	82		19	12	15	7		2	1	3	1		2	7	12	1		275	272	219	195	0
TOTALS	1,718	1,867	1,476	1,456	3	342	256	182	352	0	482	515	464	195	0	1,178	807	931	906	37	92	74	71	58	6	458	324	346	631	5	4,270	3,843	3,470	3,598	51

DNR = Did Not Report - See Individual PEA
N/A = Not Applicable

Table C-10.3 Permittee Enforcement Actions

Permittee	EL	EL	EL	EL	EL	NON	NON	NON	NON	NON	ACO	ACO	ACO	ACO	ACO	CDO	CDO	CDO	CDO	CDO	Mis	Mis	Mis	Mis	Mis	Inf	Inf	Inf	Inf	Inf	IOC	IOC	IOC	IOC	IOC	Other	Other	Other	Other	Other	Total	Total	Total	Total	Total
	07-08	08-09	09-10	10-11	11-12	07-08	08-09	09-10	10-11	11-12	07-08	08-09	09-10	10-11	11-12	07-08	08-09	09-10	10-11	11-12	07-08	08-09	09-10	10-11	11-12	07-08	08-09	09-10	10-11	11-12	07-08	08-09	09-10	10-11	11-12	07-08	08-09	09-10	10-11	11-12					
Aliso Viejo	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	55		0	0	0	0		0	0	0	0		0	0	0	55	0					
Anaheim	81	49	144	34		21	43	121	146		0	42	4	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		102	134	269	180	0					
Brea	4	5	0	1		11	1	3	4		0	1	0	0		0	0	0	0		0	0	0	0		0	0	0	0		16	0	5	2		31	7	8	7	0					
Buena Park	30	88	36	38		30	27	18	35		32	17	12	13		6	0	0	0		1	0	1	0		0	0	0	0		3	1	1	0		102	133	68	86	0					
Costa Mesa	4	3	0	1	0	7	5	1	2	1	0	0	1	0	0	1	0	0	0	0	0	0	4	0	0	0	0	0	0	2	1	0	11	17	60	49	18	19	23	65	51				
Cypress		0		0		15	11	105	89			0		0			0		0			0				0		0			3	0		0		18	11	105	89	0					
Dana Point	116	37	7	9		27	57	79	63		12	5	5	1		1	0		1				0				0	0	1	0		62	1	67	50		219	105	159	124	0				
Fountain Valley	124	124	147	162		0	0	3			3	3	1	1		4	4	0	1		0	0	0	0		0	0	0	0		2	2	0	0		133	133	151	164	0					
Fullerton	5	0	5	22		47	13	19	17		5	2	0	4		11	12	0	0				0			8	6	4		25		0	0		93	35	30	47	0						
Garden Grove	18	9	16	25		62	54	34	28		5	4	3	1		0	4	1	3		0	0	0			0	0	0		0	0	0			85	71	54	57	0						
Huntington Beach	384	179	322	0		380	242	271	277		0	0	0	0		0	1	2	0		0	0	0	0		0	0	0		85	91	68	72		849	513	663	349	0						
Irvine	3	2	1	39		69	52	47	44		0	0	3	3		0	0	0	0		0	0	0	0		3	4	10	8		4	4	10	8		137	76	72	103	0					
La Habra	2	2	3	5		0	0	0	10		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		20	0	0	0		22	2	3	15	0					
La Palma	0	0	13	5		3	3	5	2		3	3	5	0		0	0	0	0		0	0	0	0		0	0	0	0		1	1	0	4		7	7	24	11	0					
Laguna Beach	2	7	7	93		0	9		0		0	116	75	0		0	0		1		0	1		0		0	0	0		103	0		41		47	53	34	6	152	186	116	141	0		
Laguna Hills	29	34	41	19		10	11	4	7		1	1	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		40	46	45	26	0					
Laguna Niguel	4	2	1	2		2	2	3					0			1	0						0	1				0					10	7		6	5	14	10	0					
Laguna Woods	34	11	2	1		9	7	5	8		0	0	0	0		0	0	0			0	0	0			0	0	0		2	4	3			0	0	20	4	45	22	30	13	0		
Lake Forest	0	0		0		33	22	14	58		3	5	2	4		9	20	10	27		0	0		0		0	0	0	16	0		0	0		13		45	47	42	102	0				
Los Alamitos	7	5	0	DNR		0	0	1	DNR		0	0	0	DNR		0	0	0	DNR		0	0	0	DNR		0	0	0	DNR		7	4	0	DNR		0	0	0	DNR	14	9	1	DNR	0	
Mission Viejo	18	13	6	23		21	1	10	4		0	1	0	27		2		0	0		0	0	0	0		0	0	0	0		0	12	0	0		41	27	16	54	0					
Newport Beach	20	32	48	21		154	181	194	138		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0		152	110	34	137		1350	1120	923	824	1676	1443	1199	1120	0		
Orange				0		7	11	9	5					0					0				0						0				0		7	11	9	5	0						
Placentia	3	15	DNR	DNR		1	1	DNR	DNR		7	2	DNR	DNR				DNR	DNR				DNR	DNR				DNR	DNR				DNR	DNR		11	18	DNR	DNR	0					
R S Margarita	0	12	1	2		6	0	0	1		0	1	0	0		0	0	0	0		0	0	0	0		0	0	0		10	0	0	0		16	13	1	3	0						
San Clemente	0	0	2	0		197	37	57	1		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0		152	4	196	140		54	196	0	0	403	237	255	141	0		
S J Capistrano	16	10	5	42		3	2	3	19		2	0	1	1		4	5	0					0				0		0			50	6	0			75	23	9	62	0				
Santa Ana	1			0		13	25	38	33		1			0					0				0						0			23	10	6	1		38	35	44	34	0				
Seal Beach				2		21	19	8	2		1	2		0					0				0						0			4	1	5	1		26	22	13	5	0				
Stanton						14	16	10	11				1	5					0										0			6	4	9	11		20	20	20	27	0				
Tustin	0	0	50	1		17	1	16	0		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	21	3	11		17	22	69	12	0					
Villa Park	22	11	10	4		17	2	0	0		0	0	2	2		1	0	0	0		0	0	0	0		0	0	0	0		0	2	0	0		40	19	12	6	0					
Westminster	0	0	0	0		23	12	23	21		0	0	0	0		0	0	0	0		0	0	1	0		0	0	0	0		0	0	0	0		23	12	24	44	0					
Yorba Linda	3	4	2	2		3	3	0	2		0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		1		3	0		5	1		0	12	8	5	4	0	
County of Orange	2	4	2	2		15	14	15	10		8	11	8	6		0	0	0	0		0	0	0	0		0	0	0	0		0	0	3	4		25	29	28	22	0					
TOTALS	932	658	871	555	0	1,238	884	1,116	1,037	1	83	216	123	68	0	39	47	13	33	0	1	1	6	56	0	3	12	16	12	0	538	226	332	423	1	1,714	1,456	1,104	999	49	4,548	3,500	3,581	3,183	51

DNR = Did Not Report - See Individual PEA IOC = Issuance of Citation
 N/A = Not Applicable NON = Notice of Non-compliance
 EL = Educational Letter ACO = Administrative Compliance Order

* Note: Mission Viejo tracks Administrative Citations rather than Administrative Compliance Orders.

Table C-10.4 - Types of Materials

Permittee	Hydrocarbon	Inorganic Compound	Metals	Nutrient	Organic Compound	Discharge Exceptions	Pathogens	Wastewater	Pesticides	Sediment	Trash and Debris	Misc	Irrigation Runoff*	Totals
Aliso Viejo														0
Anaheim														0
Brea														0
Buena Park														0
Costa Mesa	4	2	0	4	3	6	5	0	0	5	1	21	0	51
Cypress														0
Dana Point														0
Fountain Valley														0
Fullerton														0
Garden Grove														0
Huntington Beach														0
Irvine														0
La Habra														0
La Palma														0
Laguna Beach														0
Laguna Hills														0
Laguna Niguel														0
Laguna Woods														0
Lake Forest														0
Los Alamitos														0
Mission Viejo														0
Newport Beach														0
Orange														0
Placentia														0
RS Margarita														0
San Clemente														0
SJ Capistrano														0
Santa Ana														0
Seal Beach														0
Stanton														0
Tustin														0
Villa Park														0
Westminster														0
Yorba Linda														0
County of Orange														0
TOTAL	4	2	0	4	3	6	5	0	0	5	1	21	0	51

DNR = Did Not Report - See Individual PEA

N/A = Not Applicable

* Irrigation runoff is a discharge exception in the Santa Ana Region.

SECTION C-11

WATER QUALITY MONITORING

PROGRAM EFFECTIVENESS ASSESSMENT

C-11.0 Water Quality Monitoring

C-11.1 Introduction (LIP Section A-11.0)

The countywide monitoring program is conducted on behalf of the Orange County Stormwater Permittees by the County (Principal Permittee). Implementation of the countywide monitoring program is supported by funds shared proportionally by each of the Permittees.

C-11.1.1 City Water Quality Monitoring Efforts

In addition to the monitoring conducted by the County, the City performed supplemental water quality monitoring activities to meet the following objective(s):

The monitoring programs consisted of multiple monitoring locations. The constituents sampled for included Selenium. There is an on going effort to develop a more robust and consistent sampling plan for the Santa Ana Delhi channel to comply with TMDLs for the Newport Bay Watershed.

C-11.1.2 Dry Weather Monitoring Program Assessment

As mentioned previously, the City is a cost-sharing partner in the Countywide Dry Weather Monitoring Program (DWMP) Non-Stormwater Dry Weather that has been conducted every dry season (May – September) since 2006. The program involves monthly sampling (5 times total) at targeted sites which are strategically selected by each jurisdiction. Random sites which were selected randomly throughout the MS4 at the inception of the program are sampled every month and a half (3 times total). The objectives of the DWMP, as stated in Section 11 of the DAMP, are to:

- Assess compliance with the NPDES Permits;
- Detect and eliminate illicit discharges and illegal connections to the MS4 (by identifying sites that will be the subject of follow-up source identification investigations);
- Characterize urban runoff within the MS4 system with respect to water quality constituents that may cause or contribute to exceedances of receiving water quality objectives when discharged to receiving waters.

The County distributes the DWMP data tables each month during the DWMP season. The data tables are “running” spreadsheets containing the following features:

- “Tolerance Intervals” which are set as the upper bound of the 90th percentile as calculated from random site data for each constituent. The tolerance intervals are recalculated each time all of the random sites have been sampled. Along with best professional judgment and control charts which are set at 3.9 standard deviations beyond the mean, tolerance intervals are used to guide NPDES Program Managers as to when source investigations are necessary. Laboratory analytical results may not be known for several days so

immediate responses based upon the data is not always possible. However, if certain criteria are met, source investigations are performed as soon as the data is available;

- “Warning Levels Based on Experience” for field monitoring data such as electrical conductivity, water temperature, ammonia, nitrate, and total chlorine levels. These warning levels combined with visual observations of unusual conditions are used to notify the municipalities of immediate problems found in the field in an effort to more rapidly determine responsible parties of water quality violations;
- California Toxics Rule (CTR) Acute & Chronic Criterion levels listed for metals;
- “LC50 for Toxicity Test Organism” levels for pesticides; and
- Simplified presentation of monitoring data sorted by storm drain outfall and date.

During the DWMP season, County staff notifies the municipality with jurisdiction over the drainage area of any tolerance interval exceedances or any other condition that would suggest an illegal discharge or illicit connection impacting a storm drain outfall.

It is important to recognize that 17 of the 32 constituents tested under the DMWP can be measured in a field lab.

Constituent levels tested and available in the field	Constituent levels available only in laboratory tests
Discharge Rate (cfs)	Total Suspended Solids (TSS) (mg/L)
Dissolved Oxygen (mg/L)	Oil & Grease (mg/L)
Electrical Conductivity (µs/cm)	Total Coliform (CFU/100mL)
pH	Fecal Coliform (CFU/100mL)
Water Temperature (Celsius)	Enterococcus (CFU/100mL)
Turbidity (NTU)	Diazinon (ng/L)
Air Temperature (Celsius)	Chlorpyrifos (ng/L)
Hardness as CaCO ₃ (mg/L)	Malathion (ng/L)
Ammonia as N (mg/L)	Dimethoate (ng/L)
Nitrate as N (mg/L)	Disulfoton (ng/L)
Surfactants (MBAS) (mg/L)	Nickel (µg/L)
Reactive Phosphorous (mg/L)	Zinc (µg/L)
Total Chlorine (mg/L)	Silver (µg/L)
Discharge Rate (cfs) (approximated)	Cadmium (µg/L)
Chromium (µg/L)	Lead (µg/L)
Copper (µg/L)	

As a result, the only immediate notifications made by the County of Orange and immediate source investigations by the City are based only upon the above constituents when they dramatically exceed the Tolerance Intervals or Warning Levels established by the DMWP.

The DWMP takes place between May and October of each calendar year. Therefore, the results included as Attachment C-11.1 of this PEA span two dry weather monitoring seasons- July through September, 2011 and May through June, 2012.

During the 2011-12 reporting period, the following drains within the City were monitored as part of the dry weather program

Random Sites

Targeted Sites

- CM15NB, Newport Bay Watershed
- NBG02P01, Newport Bay Watershed
- NBG02P02, Newport Bay Watershed

Please see Section C-10, ID/IC, for discussion of DWMP triggered source investigations within our jurisdiction during the 2011-12 reporting period.

C-11.2 Water Quality Monitoring Program Modifications

As the last step in the program effectiveness assessment, the City and the County of Orange, as Principal Permittee, evaluate the results of the assessment and determine if any program modifications are necessary in order to comply with Clean Water Act requirements to reduce the discharge of pollutants to the maximum extent practicable.

The program modifications that will be made to the Water Quality Monitoring section of the City's LIP include the following: Sampling will continue at the Fairview Wetlands project along with sampling and monitoring along the Santa Ana Delhi Channel in accordance with TMDL requirements.