

**CITY OF DEL MAR JURISDICTIONAL URBAN  
RUNOFF MANAGEMENT PLAN  
FISCAL YEAR 2012 ANNUAL REPORT**



**SUBMITTED TO:  
SAN DIEGO REGIONAL WATER QUALITY CONTROL BOARD  
9174 SKY PARK COURT, SUITE 100  
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**SEPTEMBER 30, 2012**



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## EXECUTIVE SUMMARY

The City of Del Mar (City) developed its Jurisdictional Urban Runoff Management Program (JURMP) in 2008 to meet the requirements of the Municipal Separate Storm Sewer System (MS4) Urban Runoff Discharge Order No. R9-2007-0001 (Permit) issued to the City and the Regional Copermittees by the California Regional Water Quality Control Board, San Diego Region (Regional Board). The Permit requires the Copermittees individually, but collaboratively, to develop and implement comprehensive programs to reduce and eliminate urban runoff pollutants that are discharged from their storm drain systems to the receiving waters. The City's program and activities, designed to meet these requirements, are described in detail in the City's 2008 JURMP.

The City has prepared this JURMP Annual Report to provide a comprehensive description of all the activities conducted by the City to comply with all the requirements of the Permit, as described in the 2008 City of Del Mar JURMP. This Annual Report covers the implementation of jurisdictional activities during the period from July 1, 2011 through June 30, 2012 (reporting period).

The City was compliant with the Permit through its continued implementation of the 2008 JURMP. The City believes that the core program activities outlined in the Permit: education, inspections, monitoring, and enforcement are most effective at reducing pollutant generating activities. Within the City's program, the inspections and monitoring programs are not only implemented to identify sources, but provide the City with opportunities to educate the community. It is through the outreach and education of the general population that awareness and behaviors will change for the betterment of water quality. On the occasion where outreach is not effective at changing behaviors, the City uses its enforcement authorities to obtain compliance.

The City's diligent efforts towards best management practice (BMP) implementation are a key element for this year's report. During the fiscal year, Clean Water staff implemented a patrolling inspection program that covers municipal, commercial/industrial, and residential components within the City. With each year of program implementation, the City becomes more effective and efficient at tracking meaningful data accurately. Staff continues to refine the systems for tracking Clean Water inspections, utilizing online databases for remote access.

Some results of the City staff's implementation of the program follow:

- **48.3 tons** – The amount of debris, sediment and trash removed during Fiscal Year 2012 from the City's storm drain system thereby prevented from entering the lagoons and Pacific Ocean;
- **1,198 miles** – The number of miles of City streets swept during Fiscal Year 2012;
- **143.6 tons** – The amount of material collected from street sweeping during Fiscal Year 2012, and thereby prevented from entering the lagoons and Pacific Ocean.
- **11 patrolling inspections** – The number of inspections at 100% of inventoried commercial/industrial properties and businesses, municipal facilities, and City parks over the course of the reporting period, exceeding permit requirements.
- **118** – Number of issues/BMP deficiencies discovered by Clean Water inspectors during the commercial patrolling inspections, an increase of 117 observed deficiencies from FY 2011. All issues were resolved by the end of the reporting period, through use of the Clean Water reminder letters and follow-up inspections.

The City continued to implement an effective level of service which included the following notable activities:

- Improvements to the City's construction brochure targeted at contractors and property owners. The brochure outlines minimum BMPs to be implemented at all construction sites and stormwater requirements pertaining to the construction industry.
- Initiated a patrolling program for inspections of residential, commercial, industrial and municipal components of the Clean Water program. The inspection program exceeded Permit requirements by inspecting 100% of the inventoried commercial and industrial businesses on a monthly basis. The commercial/industrial and residential patrolling programs are resulting in fewer observations of BMP deficiencies now that the programs have been in place for over a year, suggesting BMP implementation is on the rise.
- Introduction of Clean Water reminder letters targeted at commercial and industrial business and property owners as a result of observed BMP deficiencies during the City's patrolling inspections. These educational letters were created to inform the target audience of issues noted on their site and that the deficiency must be addressed as soon as possible.
- Continued use of its electronic database designed specifically to track storm water inspections at construction sites. The database tracks projects and inspection results to ease reporting and allows City personnel to easily access the database from multiple computers.

Funding of municipal programs, including stormwater programs, continues to be an issue for all of the cities in San Diego County. The City of Del Mar is no exception. Given its economic ties to the beach and ocean, the City of Del Mar recognizes the importance of clean water and its NPDES program. During Fiscal Year 2009, the City took steps to ensure that adequate funding is available on a more permanent basis through voter-approved passage of the Clean Water Service Charge. This fee currently funds the program in its entirety.

By and large, the City continues to be very successful at implementing its Clean Water Program. Residents, local businesses, and City staff are working diligently to protect the waterways and improve water quality at the beaches and lagoons, and will continue to carry out these efforts in the future.

## 1. INTRODUCTION

The City of Del Mar is a coastal, primarily residential community in the northern section of San Diego County. The name Del Mar means “of the sea,” and highlights the symbiotic relationship between the City and Pacific Ocean. Del Mar is surrounded by the City of Solana Beach to the north, City of San Diego to the south and east, and the Pacific Ocean to the west. As the smallest City in the region, the City covers an area of approximately two (2) square miles, with a population of approximately 4,500 residents. The main attraction of visitors is the beach and sunny weather. The annual San Diego County Fair, horse racing, and other events held at the Del Mar Fairgrounds bring in people from the surrounding area and beyond.

The City’s Clean Water Program is a multi-departmental program coordinated by the City’s Clean Water Manager and is an integral part of making the City of Del Mar a beautiful place to live, work and visit. Day-to-day compliance activities are conducted by staff from the Planning & Community Development Department, the Department of Public Works, the City Engineering Department, and the Department of Community Services. The Program is committed to ensuring city-wide compliance with the San Diego Regional Water Quality Control Board’s Regional Municipal Stormwater Permit.

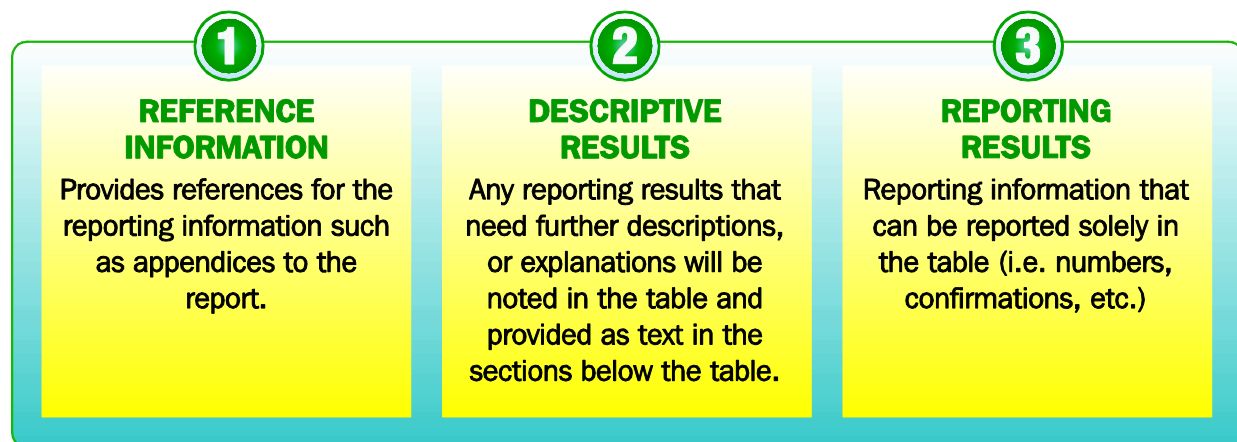
This document is the fifth annual report for the City of Del Mar’s 2008 Jurisdictional Urban Runoff Management Plan (2008 JURMP) which went into effect March 25, 2008, in accordance with NPDES Order No. R9-2007-0001 (Permit) and subsequent amendments. This document covers the reporting period from July 1, 2011, through June 30, 2012.

### 1.1 REPORT ORGANIZATION

This Fiscal Year 2012 Annual Report has been organized into sections matching the table of contents agreed upon and submitted by the Copermittees to the San Diego RWQCB. The City has modified its reporting format to tabulate applicable data and information in an effort to streamline the report presentation. **Figure 1-1** below represents the basic format for the majority of the report.

Under the requirements of the Municipal Permit, various types of data and information must be presented in JURMP Annual Reports. Quantifiable data and required confirmations are presented directly in the tabular format. However, in some cases, further descriptions or explanations of results are required. When this occurs, the supporting narrative is supplied in the sections following the tables, and referenced within the table itself. Lastly, some of the required information (e.g., inventories) is best included as appendices. In these cases, their locations are referenced in the tables.

Municipal Permit Requirements		Reporting Results
No.	Program Implementation Description	Confirmation and/or Result
1	Any updates to the industrial and commercial inventory.	See Appendix E for inventory update. <b>1</b>
2	Confirmation that the designated BMPs were implemented, or required to be implemented, for industrial and commercial sites/sources.	Confirmed per the City's JURMP.
3	A description of efforts taken to notify owners/operators of industrial and commercial sites/sources of BMP requirements, including mobile businesses.	See 5.2.1 below for description. <b>2</b>
4	Identification of the total number of industrial and commercial sites/sources inventoried and the total number inspected.	Inventoried: 38 Inspected: 38 <b>3</b>
5	Justification and rationale for why the industrial and commercial sites/sources inspected were chosen for inspection.	See Section 5.2.2 below.
6	Confirmation that all inspections conducted addressed all the required inspection steps to determine full compliance.	Confirmed per the City's JURMP. See Section 5.2.3 below for description.



**Figure 1-1:** Example of Revised Reporting Format (for illustrative purposes only)

## 2. DEVELOPMENT PLANNING

### 2.1 PROGRAM IMPLEMENTATION

**Table 2-1** represents the City of Del Mar’s implementation of the Development Planning component as it relates to the requirements of the Municipal Permit during Fiscal Year 2012. Where reporting requirements necessitate information that is not easily tabularized, references are made in the table to locations where the information, or further explanation(s), is located.

During Fiscal Year 2012, the City was compliant with Section D.1 of the Municipal Permit.

**Table 2-1:** Development Planning Program Implementation

Item No.	Program Implementation Description	Confirmation and/or result
1	A description of any amendments to the General Plan, the environmental review process, development project approval processes, or development project requirements.	No updates were made during the reporting period
2	Confirmation that all development projects were required to undergo the Copermittee’s urban runoff approval process and meet the applicable project requirements, including a description of how this information was tracked.	Confirmed – the information is tracked in individual project files and Excel
3	A listing of the development projects to which Standard Urban Stormwater Mitigation Plan (SUSMP) requirements were applied.	See <b>Appendix A</b>
4	Confirmation that all applicable SUSMP BMP requirements were applied to all Priority Development Projects (PDPs), including a description of how this information was tracked.	Not Applicable – The City did not process any PDPs during the reporting period
5	At least one example of a priority development project that was conditioned to meet SUSMP requirements and a description of the required BMPs.	Not Applicable – The City did not process any PDPs during the reporting period
6	A listing of the priority development projects which were allowed to implement treatment control BMPs with low removal efficiency rankings, including the feasibility analyses which were conducted to exhibit that more effective BMPs were infeasible.	Not Applicable – The City did not process any PDPs during the reporting period
7	An updated treatment control BMP inventory.	See 2.2.1 below
8	The number of treatment control BMPs inspected, including a summary of inspection results and findings.	Two (2) projects were inspected including four (4) TCBMPs. See 2.2.1 below for summary
9	100% of projects with high priority TCBMPs were inspected.	Two (2) projects are rated as high priority and both projects were inspected.
10	Confirmation that the high priority TCBMPs were inspected prior to the rainy season.	Confirmed. See Section 2.2.1 below

Item No.	Program Implementation Description	Confirmation and/or result
11	At least 50% of projects with drainage insert TCBMPs were inspected.	There have been no projects developed within the City that used drainage inserts to satisfy TCBMP requirements. This requirement currently does not apply in the City
12	A minimum of 20% of the total number of projects with approved TCBMPs, and a maximum of 200% of the average number of projects with TCBMPs approved per year were inspected.	100% of all projects with approved (and constructed) TCBMPs were inspected; there are two projects with approved and constructed TCBMPs within the City
13	A description of the annual verification of operation and maintenance of treatment control BMPs, including a summary of verification results and findings.	See 2.2.1 below for description and summary
14	Confirmation that BMP verification was conducted for all priority development projects prior to occupancy, including a description of how this information was tracked.	Not Applicable – During the reporting period, no Priority Development Projects were completed to the point of obtaining occupancy
15	A listing of any projects which received a SUSMP waiver.	Not applicable. No Waiver Program in place, and no waivers issued
16	A description of implementation of any SUSMP waiver mitigation program.	Not applicable. No Waiver Program in place and no waivers issued
17	A description of Hydromodification Management Plan (HMP) development collaboration and participation.	No further development of the HMP took place during the reporting period – the RWQCB adopted the Copermittees HMP on July 14, 2010
18	A listing of development projects required to meet HMP requirements, including a description of hydrologic control measures implemented.	No projects were required to meet HMP requirements; no Priority Development Projects were approved during the reporting period
19	A listing of priority development projects not required to meet HMP requirements, including a description of why the projects were found to be exempt from the requirements.	
20	A listing of development projects disturbing 50 acres or more, including information on whether Interim Hydromodification Criteria were met by each of the projects, together with a description of hydrologic control measures implemented for each applicable project.	
21	The number of violations and enforcement actions (including types) taken for development projects, including information on any necessary follow-up actions taken. The discussion should exhibit that compliance has been achieved, or describe actions that are being taken to achieve compliance.	No enforcement actions were taken for development projects during the reporting period
22	A description of notable activities conducted to manage urban runoff from development projects.	No notable activities were conducted in FY 12

## **2.2 TABLE 2-1 SUPPLEMENTAL INFORMATION**

### ***2.2.1 Table 2-1 Items No. 7, No. 8, No. 10 and No. 13***

The City of Del Mar is the smallest City in the County and rarely has Priority Development Projects (PDPs) processed for development. Therefore, there have only been two PDP projects that have been constructed. The following is a summary of the projects:

#### *Morotta / James Single Family Residence*

The project is a single family residence constructed within 200 feet of the San Dieguito Lagoon (an environmentally sensitive area). The project BMPs were verified prior to receiving occupancy in March 2009. Two bioswales that cover the majority of the property fronting San Dieguito Drive are required as the treatment control BMPs (TCBMPs). On September 9, 2011, City staff conducted an on-site inspection and verified the TCBMPs still exist and appear to be maintained and effective.

#### *Pacifica Stratford Condominiums*

The phased project effectively subdivides two existing legal lots into five two-unit condominium lots with required public improvements. TCBMPs in the site design for all five lots include pervious pavers and vegetated buffer strips. During Fiscal Year 2010, two of the five proposed two-unit condominiums were completed as the first phase of the project. Staff inspected the limited TCBMPs implemented for these units in May 2010 prior to receiving occupancy. The third lot was completed during the reporting period, and the TCBMPs were inspected prior to occupancy on June 12, 2012. During the on-site inspection, staff verified the TCBMPs exist and appear to be maintained and effective. The second phase of construction at the remaining two lots was on-going at the end of the fiscal year. City staff will inspect these lots prior to occupancy during FY 2013.

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### 3. CONSTRUCTION

#### 3.1 PROGRAM IMPLEMENTATION

**Table 3-1** represents the City of Del Mar’s Fiscal Year 2012 implementation of the Construction component as it relates to the requirement of the Municipal Permit. Where reporting requirements necessitate information that is not easily tabularized, references are made in the table to locations where the information, or further explanation(s), is located.

During Fiscal Year 2012, the City was compliant with Section D.2 of the Municipal Permit.

**Table 3-1:** Construction Program Implementation

Item No.	Program Implementation Description	Confirmation and/or result
1	Confirmation that all construction sites were required to undergo the Copermittee’s construction urban runoff approval process and meet the applicable construction requirements, including a description of how this information was tracked.	Confirmed – See Section 3.2.1 below for descriptions
2	Confirmation that a regularly updated construction site inventory was maintained, including a description of how the inventory was managed.	Confirmed – See Section 3.2.2 below for descriptions, <b>Appendix B</b>
3	A description of modifications made to the construction and grading ordinances and approval processes.	Changes were completed in FY 2008. No additional changes were implemented in Fiscal Year 2012
4	Confirmation that the designated BMPs were implemented, or required to be implemented, for all construction sites.	Confirmed
5	Confirmation that a maximum disturbed area for grading was applied to all applicable construction sites.	Confirmed
6	A listing of all construction sites with conditions requiring advanced treatment, together with confirmation that advanced treatment was required at such construction sites.	Since the advanced treatment requirements took effect, no projects have triggered these requirements
7	For each construction site within each priority category (high, medium, and low), identification of the period of time (weeks) the site was active within the rainy season, the number of inspections conducted during the rainy season, and the number of inspections conducted during the dry season, and the total number of inspections conducted for all sites.	See <b>Appendix D</b>

<b>Item No.</b>	<b>Program Implementation Description</b>	<b>Confirmation and/or result</b>
8	A description of the general results of the inspections.	See Section 3.2.3 below
9	Confirmation that the inspections conducted addressed all the required inspection steps to determine full compliance.	Confirmed
10	The number of violations and enforcement actions (including types) taken for construction sites, including information on any necessary follow-up actions taken. The discussion should exhibit that compliance has been achieved, or describe actions that are being taken to achieve compliance.	See Section 3.2.4 below
11	A description of notable activities conducted to manage urban runoff from construction sites.	See Section 3.2.5 below, <b>Appendix E</b>

## 3.2 TABLE 3-1 SUPPLEMENTAL INFORMATION

### 3.2.1 Table 3-1 Item No. 1

As required by the Permit, and outlined in the 2008 JURMP, all permitted construction sites were required to undergo the City's construction urban runoff approval process and meet the applicable construction requirements. Appropriate, designated BMPs were required to be implemented for all construction sites. This information is tracked in individual project files as well as through the City's online construction inspection database.

### 3.2.2 Table 3-1 Item No. 2

Section 5.2.2 of the 2008 JURMP describes how a watershed-based inventory of all construction sites is prepared by the City of Del Mar, while Section 5.2.3 provides a description of the steps taken to develop, and update this inventory on a monthly basis. The City of Del Mar continues to use the construction inspection tracking system discussed in the Supplemental Information provided to Regional Board Staff in February 2009, to ensure that its system meets the reporting requirements outlined in Section J.3.a.(3)(b)vii of the Permit. The tracking system itself is a combined database which includes Geographical Information System (GIS) input, and spreadsheet tallies. Information is entered into the database on a regular basis, no less than monthly, and City staff maintain the GIS information via "drive-by" verification of the status of all construction sites, and subsequently entering the data into the GIS system. Monthly inventories of active construction sites are then produced for use in the field by staff. Regular patrols by City staff are also used to determine if a site's status has changed in the interim.

Since construction project sites are constantly approved, cancelled (permits withdrawn by the applicant, denied by the City, expire, etc.), and completed, the City's inventory is fluid. In addition to the regular updates, staff continues to routinely patrol construction sites to "field truth" data received from the Planning and Building Departments, and annotate areas of surface disturbance that may, or may not be, permitted.

**Appendix B** provides a copy of the monthly construction site inventory, including the priority classification for each site. **Appendix C** includes printouts of the Active Construction Site Inventory GIS Maps for each month of the reporting period.

### 3.2.3 Table 3-1 Item No. 8

During the reporting period, five (5) active construction sites met the high priority criteria designation. High priority projects and their respective addresses are listed below:

- Pacifica Stratford: 500-600 Stratford Court
- Batchelder: 100 Stratford Court
- Handzel: 100 12<sup>th</sup> Street
- 21<sup>st</sup> Street Pump Station: 21<sup>st</sup> Street at Court Street
- North Torrey Pines Bridge Retrofit

These properties were inspected at a minimum of bi-weekly during the Fiscal Year 2012 wet season. All remaining construction projects were classified as "Low" priority sites, and inspected "as-needed" during the Fiscal Year 2012 wet season. As required by Section D.2.d.(4) of the Permit, all construction sites, regardless of priority classification, continued to be inspected on an "as-needed" basis during the remainder of the year.

During Fiscal Year 2012, 51 construction sites were, at some point during the year, in the active construction phase: 5 high priority sites and 46 low priority sites. In total, the Clean Water Program conducted 135 documented storm water inspections throughout the reporting period. An additional 43 inspections were conducted by the Qualified SWPPP Practitioner (QSP) on the Torrey Pines Bridge Retrofit project.

The following is a summary table of the number of inspections conducted at each type of construction project.

**Table 3-2: Fiscal Year 2012 Construction Inspection Summary**

<b>Inspection Item</b>	<b>No. of Site Inspections</b>
High Priority Site Inspections	127*
Low Priority Site Inspections	51
<b>Total</b>	<b>178</b>

Note:

\* Includes 43 high priority inspections performed by QSP at N Torrey Pines Bridge Retrofit

In general, the Fiscal Year 2012 inspections resulted in compliant construction sites, although follow-up inspections were required at some sites due to BMP deficiencies. Common corrections needed after review by the City included:

- Maintaining construction site entrances and exits
- Uncovered trash dumpsters
- Uncovered stockpiles/equipment storage
- Inadequate or poorly maintained silt fence and perimeter controls
- Inadequate or poorly maintained erosion control
- Unauthorized encroachment or stockpiles on City roadways

Through verbal and written warnings, the BMP deficiencies were adequately addressed at all construction sites. At the end of the reporting period, there were no on-going compliance issues.

### **3.2.4 Table 3-1 Item No. 10**

This section provides the number of violations and enforcement actions (including types) taken for construction sites, including information on any necessary follow-up actions taken. The section also exhibits that compliance has been achieved and describes the actions taken to achieve compliance where necessary.

Del Mar has implemented a policy of education first, with aggressive enforcement measures only being used when compliance requests are ignored and/or in the event of an actual discharge which has the potential to impact to receiving waters. In general, contractors have been compliant with BMP requirements at their respective construction sites. In the majority of those instances where compliance has not been attained, a single verbal or written warning was all that was required to achieve compliance. In these cases, the deficiency had been addressed by the time the follow-up inspection was conducted.

No enforcement actions were required for construction sites during the reporting period. This does not include verbal warnings issued during the inspections which were addressed in a timely manner through the maintenance or re-installation of BMPs. In general, the inspections

conducted revealed that education efforts over the past several years have resulted in a high level of compliance.

### ***3.2.5 Table 3-1 Item No. 11***

During the reporting period, the Clean Water Program continued the use of an online database designed specifically to track storm water inspections at construction sites. The database tracks projects and inspection results to ease reporting and allows City personnel to easily access the database from multiple computers and while in the field. Additionally, the City was able to directly communicate with construction site owners and contractors through email using the inspection records, thereby informing the responsible parties of deficiencies and further educating the construction community in regards to storm water issues.

The Clean Water Program also refined its construction brochure and BMP poster targeted at the construction and contractor industry during the reporting period. The original brochure used in the City was a collaborative effort between North San Diego County cities from a decade ago, and in order to make the brochure more applicable to Del Mar, additional BMPs were added to address issues noted during Clean Water construction inspections. In addition to the BMP poster, the brochure outlines the regulatory background, local construction ordinances, and the City's inspection and enforcement program for construction sites. These brochures have been made available to developers, contractors, and site owners through the Planning Department's pre-construction meetings, at the Planning Department counter in City Hall, and provided by Clean Water inspectors during construction site visits. A copy of the construction brochure and BMP poster is included in **Appendix E**.

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## 4. MUNICIPAL

### 4.1 PROGRAM IMPLEMENTATION

**Table 4-1** represents the City of Del Mar’s Fiscal Year 2012 implementation of the Municipal component as it relates to the Municipal Permit requirements. For any items in the table where an explanation, description, results, inventory, or examples are necessary, references are noted in the table, and are included as an Appendix, or are provided in Section 4.2.

During Fiscal Year 2012, the City was compliant with Section D.3.a. of the Municipal Permit.

**Table 4-1:** Municipal Program Implementation

Item No.	Program Implementation Description	Confirmation and/or result
1	Any updates to the municipal inventory and prioritization.	No changes occurred to the municipal inventory or prioritization during the reporting period. See <b>Appendix F</b> for the current inventory
2	Confirmation that the designated BMPs were implemented, or required to be implemented, for municipal areas and activities, as well as special events.	Confirmed. BMPs were required to be implemented per the JURMP
3	A description of inspections and maintenance conducted for municipal treatment controls.	See Section 4.2.1 below
4	Identification of the total number of catch basins and inlets, the number of catch basins and inlets inspected, the number of catch basins and inlets found with accumulated waste exceeding cleaning criteria, and the number of catch basins and inlets cleaned.	Inventory = 284 basins and inlets
		Inspected = 284 basins and inlets
		Catch basins found with accumulated waste exceeding cleaning criteria = None
		Cleaned = 284 basins and inlets
5	Identification of the total distance (miles) of the MS4, the distance of the MS4 inspected, the distance of the MS4 found with accumulated waste exceeding cleaning criteria, and the distance of the MS4 cleaned.	Total Distance of MS4 pipes = 5.87 miles
		Distance of MS4 inspected = 3,500 lineal feet
		Distance of MS4 found with accumulated waste exceeding cleaning criteria = None
		Cleaned = 2,500 lineal feet

Item No.	Program Implementation Description	Confirmation and/or result
6	Identification of the total distance (miles) of open channels, the distance of open channels inspected, the distance of open channels found with anthropogenic litter, and the distance of open channels cleaned.	Open Channels = 2.85 miles Inspected = 2.85 miles Distance found with anthropogenic litter = Less than 5% of locations Cleaned = 2.85 miles as-needed
7	Amount of waste and litter (tons) removed from catch basins, inlets, the MS4, and open channels, by category. The Permit requires reporting in tons; however, the City's measurements are in cubic yards. Cubic yards are reported in tons using a 1,000 pound per cubic yard conversion.	Catch Basins/Inlets and MS4 = 41.5 tons (82.95 cubic yards) Open Channels = 6.85 tons (13.7 cubic yards, includes sediment and headwall cleanings)
8	Identification of any MS4 facility found to require inspection less than annually following two years of inspection, including justification for the finding.	None identified at this time
9	Confirmation that the designated BMPs for pesticides, herbicides, and fertilizers were implemented, or required to be implemented, for municipal areas and activities.	Confirmed
10	Identification of the total distance of curb-miles of improved roads, streets, and highways identified as consistently generating the highest volumes of trash and/or debris, as well as the frequency of sweeping conducted for such roads, streets, and highways.	5.7 curb-miles swept a minimum of weekly, including curbed medians
11	Identification of the total distance of curb-miles of improved roads, streets, and highways identified as consistently generating moderate volumes of trash and/or debris, as well as the frequency of sweeping conducted for such roads, streets, and highways.	14.5 curb-miles swept a minimum of bimonthly, including curbed medians
12	Identification of the total distance of curb-miles of improved roads, streets, and highways identified as consistently generating low volumes of trash and/or debris, as well as the frequency of sweeping conducted for such roads, streets, and highways.	31.2 curb-miles swept a minimum of biannually, including curbed medians
13	Identification of the total distance of curb-miles swept.	1,197.8 miles; brooms were engaged for an estimated 288.6 hours
14	Identification of the number of municipal parking lots, the number of municipal parking lots swept, and the frequency of sweeping.	Total Parking Lots = 2 Sweeping frequency = Semi-monthly Parking Lots Swept = 2

Item No.	Program Implementation Description	Confirmation and/or result
15	Amount of material (tons) collected from street and parking lot sweeping.  The Permit requires reporting in tons; however, the City's measurements are in cubic yards. Cubic yards are reported in tons using a 1,000 pound per cubic yard conversion.	143.6 tons (287.2 cubic yards)
16	A description of efforts implemented to prevent and eliminate infiltration from the sanitary sewer to the MS4.	See Section 4.2.2 below
17	Identification of the number of sites requiring inspections, the number of sites inspected, and the frequency of the inspections.	Sites requiring inspections = 25 Sites inspected = 25 Frequency of inspections = Approximately monthly
18	A description of the general results of the inspections.	See Section 4.2.3 below
19	Confirmation that the inspections conducted addressed all the required inspection steps to determine full compliance.	Confirmed. Inspections implemented in accordance with the JURMP.
20	The number of violations and enforcement actions (including types) taken for municipal areas and activities, including information on any necessary follow-up actions taken. The discussion should exhibit that compliance has been achieved, or describe actions that are being taken to achieve compliance.	No violations. See Section 4.2.4 below
21	A description of any efforts conducted to reduce pollutant discharges from non-emergency firefighting flows.	See Section 4.2.5 below
22	A description of notable activities conducted to manage urban runoff from municipal areas and activities.	See Section 4.2.6 below

## 4.2 TABLE 4-1 SUPPLEMENTAL INFORMATION

### 4.2.1 Table 4-1 Item No. 3

#### *Trash Guards Treatment Control*

Trash Guard grates have been installed on the curb entry of storm drain inlets along Camino del Mar in order to minimize the amount of debris and trash entering into storm drain catch basins and to maximize the effectiveness of street sweeping. The guards keep the trash and debris on the street to be removed by the street sweeper. Inspections of the guards were performed to verify they were still operational and performing as intended.

#### *Inlet Filter Treatment Control – North County Transit District*

As reported in the 2008 JURMP, the City of Del Mar has a Maintenance Agreement in place with the North San Diego County Transit Development Board as part of the Del Mar Stabilization Project 1 (Drainage Improvements and Landslide Warning System), which consists of fifty-four (54) structures. Inlet filters have been installed in some of the structures to address water quality. The Maintenance Agreement requires the City to maintain fourteen (14) of the structures, while NCTD will be maintaining the remaining forty (40) structures. Out of the fourteen (14) structures maintained by the City, six (6) have been fitted with filters that are serviced by the City's contractor (Downstream Services, Inc.). This fiscal year, all six (6) filters were inspected at least once and all but one required maintenance.

The following table represents a summary of the maintenance performed on the inlet filters.

**Table 4-2: Summary of Inlet Filter Maintenance for Fiscal Year 2012**

ID #	Location	Inlet Type	Date Inspected	Materials	%Vol used	Comments
1	West end of 4th Street	Combo	10/25/2011	D 80% O 20%	100%	Replaced (4) pouches. Recommend straw waddle
			3/20/2012	D 80% E 5% O 20%	105%	Replaced (8) pouches
2	West end of 8th Street	Grate	10/25/2011	-	-	Inlet not inspected. No access due to construction
			3/20/2012	D 40% G 40% O 20%	100%	Replaced (3) pouches. Pressure washed, box was full of sand and gravel
3	SW 11th Street	Curb	10/25/2011	D 70% E 5% O 20%	95%	Replaced (2) pouches
			3/20/2012	D 75% E 5% O 25%	105%	Replaced (3) pouches
4	NW side of 11th Street	Curb	10/25/2011	D 70% E 5% O 20%	95%	Replaced (2) pouches
			3/20/2012	D 75% E 5% O 20%	100%	Replaced (3) pouches
5	W of 13th Street	Curb	10/25/2011	D 75% E 5% O 10%	90%	Replaced (2) pouches
			3/20/2012	D 70% E 5% O 25%	100%	No comment
6	50' SW of pedestrian RR crossing, between RR tracks and Coast Blvd.	Grate	10/25/2011	D 15% O 10%	25%	No comment
			3/20/2012	D 10% O 5%	15%	No comment

Note: D=Dirt/Silt/Sediment, E=Trash, G=Gravel. O=Organics

**4.2.2 Table 4-1 Item No. 16**

The City’s sanitary sewer system includes the collection system and infrastructure of approximately 24.75 miles of gravity main and 0.07 miles (or approximately 387 feet) of force main. The City’s system also includes three (3) sewer pump/lift stations, 112 clean out facilities, and approximately 549 manhole structures. These facilities all are required to implement minimum operation and maintenance BMPs, such as implementing good housekeeping procedures. A description of the City’s efforts for these facilities is included below.

Of the approximately 24.75 miles of the sanitary sewer collection system, approximately 2.92 miles were cleaned as part of the regular schedule of inspection and cleaning. Some portions of the collection system were cleaned more than once due to priority and buildup of materials. The City tracks “hot spot” portions of the sewer collection system and depending upon the likelihood of materials build up, will perform cleaning between two to four times per year.

Five (5) sanitary sewer overflows occurred during the reporting period. The RWQCB (via CIWQS) and the County of San Diego Department of Environmental Health (via fax) verified that five overflows occurred during Fiscal Year 2012.

**Table 4-3** below provides a summary of the overflows during the reporting period. Where possible, the overflowed water from the sanitary sewer system was collected and recovered prior to being released to the surrounding environment.

**Table 4-3: Reporting of Sanitary Sewer Overflows**

<b>Date</b>	<b>Location</b>	<b>Volume (gal)</b>	<b>Recovered (gal)</b>	<b>Released to Environment (gal)</b>	<b>Probable Cause</b>
9/23/2011	710 Camino del Mar	975	0	975	Root build-up in line, surrounded by paper materials.
1/3/2012	1231 Camino del Mar	400	400	0	Debris, cleaning rags, and hygiene products found in sanitary sewer main.
1/7/2012	2115 Balboa Ave	100	50	50	Rags and plant roots caused clog in sewer main.
2/9/2012	157 6 <sup>th</sup> Street	100	100	0	Plant roots released into sanitary sewer system due to herbicide treatment.
4/28/2012	526 Stratford Ct.	120	0	120	Roots and paper in main leading to sanitary sewer overflow.
<b>Total</b>		<b>1,695</b>	<b>550</b>	<b>1,145</b>	

**4.2.3 Table 4-1 Item No. 18**

*Municipal Facilities*

The City’s public facilities primarily include parks and recreational facilities, beaches and the Powerhouse Community Center. Municipal facilities include the Public Works Yard, City Hall, the Del Mar Fire Station, and various potable water reservoirs. All facilities are required to implement minimum BMPs and are inspected to verify BMP implementation and compliance. The municipal facilities were inspected as a part of the municipal inspections as described below.

Per the 2008 JURMP, the City inspects all high priority municipal sites. Municipal sites are considered to be fixed facilities where high priority municipal activities occur. The City conducted facility inspections for all 25 of its high priority facilities during Fiscal Year 2012 to ensure that BMPs (including those for pollution prevention) were being implemented. Municipal inspections were conducted through the comprehensive patrolling inspection and active construction drive-around programs, allowing City staff to inspect all municipal facilities on a monthly basis. The streets and road network are routinely inspected under various programs such as street sweeping, streets maintenance, City drive-around inspections, and MS4 inspections.

All inspections conducted during Fiscal Year 2012 addressed the required inspection steps to determine full compliance by utilizing the City’s patrolling inspections. More information regarding the patrol inspections can be found in Section 4.2.6 and in the Commercial/Industrial component of this report (Section 5).

*Special Events*

During Fiscal Year 2012, the Community Services Department conducted inspections for all nineteen (19) special events. **Table 4-4** below provides a summary of the major events and the inspection results.

**Table 4-4:** Major Event Summary during Fiscal Year 2012

Event Name	Event Date	Estimated Attendance	Venue	Inspection Date(s) & Comments
Bocce Ball Tournament	7/16/2011	600	North Beach	Post-event inspection by cleanup crews; no spills or incidents reported
Summer Concert In The Park	7/19/2011	5,000	Powerhouse Park	Post-event inspection by cleanup crews; no spills or incidents reported
Summer Concert In The Park	8/16/2011	5,000	Powerhouse Park	Post-event inspection by cleanup crews; no spills or incidents reported
Dog Surf Event	9/25/2011	5,000	North Beach	Post-event inspection by cleanup crews; no spills or incidents reported
Summer Concert In The Park	9/18/2011	5,000	Powerhouse Park	Post-event inspection by cleanup crews; no spills or incidents reported
MS Walk	9/24/2011	350	Del Mar Beach	Post-event inspection by cleanup crews; no spills or incidents reported
Del Mar Village Art Stroll	10/2/2011	2,500	Streets of Del Mar	Post-event inspection by cleanup crews; no spills or incidents reported
Ducky Derby	10/15/2011	500	Powerhouse Park	Post-event inspection by cleanup crews; no spills or incidents reported
MS Bike Ride	10/23/2011	2,500	Streets of Del Mar	Post-event inspection by cleanup crews; no spills or incidents reported
Irongirl 5K/10K	11/6/2011	2,500	Streets of Del Mar	Post-event inspection by cleanup crews; no spills or incidents reported
3 Day Breast Cancer Walk	11/18/2011	4,000	Streets of Del Mar	Post-event inspection by cleanup crews; no spills or incidents reported
Del Mar Village Winter Wonderland	12/4/2011	2,000	Streets of Del Mar	Post-event inspection by cleanup crews; no spills or incidents reported
Penguin Plunge	1/1/2012	600	Beach of Del Mar	Post-event inspection by cleanup crews; no spills or incidents reported

Event Name	Event Date	Estimated Attendance	Venue	Inspection Date(s) & Comments
Walk Run Bark 5K	1/15/2012	800	Streets of Del Mar	Post-event inspection by cleanup crews; no spills or incidents reported
Women's Head To Toe 5K/10K	3/18/2012	1,200	Streets of Del Mar	Post-event inspection by cleanup crews; no spills or incidents reported
La Jolla Half Marathon	4/29/2012	6,000	Streets of Del Mar	Post-event inspection by cleanup crews; no spills or incidents reported
Century Bike Ride	5/9/2012	1,500	Streets of Del Mar	Post-event inspection by cleanup crews; no spills or incidents reported
Summer Concert In The Park	6/19/2012	5,000	Powerhouse Park	Post-event inspection by cleanup crews; no spills or incidents reported
Del Mar Village Summer Solstice	6/21/2012	250	Powerhouse Park	Post-event inspection by cleanup crews; no spills or incidents reported

### *Beach Cleaning*

The City's beaches are a vital part of the City's community – not only for the natural settings they provide, but also for the economic sustainability of the City. In an effort to prevent pollutants from entering the Pacific Ocean and potentially impacting the receiving waters, the City implements a regular beach cleaning program.

During the reporting period, the beaches were inspected on a daily basis and cleaned two to three times per week during the spring and summer and more frequently for holidays when the beach had the most use. The primary collections for disposal included plastic bottles and paper trash. When located, kelp wrack was sorted and left on the beach.

The City does not track the amount of debris collected from the beaches, as the cleaner dumps the debris at the Public Works Yard into a trash dumpster that is mixed with other refuse and waste.

#### **4.2.4 Table 4-1 Item No. 20**

There were no violations or enforcement actions taken at any municipal activities or facilities during Fiscal Year 2012. BMP deficiencies at municipal facilities were immediately addressed by the responsible departments, and all sites were brought into compliance.

#### **4.2.5 Table 4-1 Item No. 21**

Section 6.19 of the 2008 JURMP describes the City's program to reduce pollutants from non-emergency firefighting flows (i.e. flows from controlled or practice blazes and/or maintenance activities). During this reporting period, all training sessions were held at Regional Training facilities outside the City of Del Mar. No non-emergency firefighting flow from training or other maintenance activities occurred during Fiscal Year 2012 which would require any additional efforts to reduce pollutant discharges.

#### **4.2.6 Table 4-1 Item No. 22**

The City implemented a new type of inspection mechanism through its patrolling inspections during Fiscal Year 2012. Municipal facilities were inspected through the patrol inspection process and construction drive-around, and BMP deficiencies were noted when observed and reported to the responsible City department.

The monthly patrolling inspections at municipal facilities focus on the presence of trash, animal wastes, and overall cleanliness of each site. Facility-dependent BMPs are also inspected to ensure that BMPs are maintained and appropriately implemented. All trash cans throughout the five (5) Municipal Parks in the City are inspected to ensure lids are tightly closed and all trash is contained. If cans are missing lids or litter is observed during the patrols, the Community Service Department is notified and responds to correct the issue. City parking lots and the Public Works Yard are inspected to confirm implementation of good housekeeping measures. If issues are noted at Municipal areas during the inspections, Clean Water Personnel immediately follow-up with the responsible City departments in order to rectify any deficiencies. For more information regarding the Clean Water patrols, see Section 5.

## 5. INDUSTRIAL AND COMMERCIAL

### 5.1 PROGRAM IMPLEMENTATION

**Table 5-1** represents the City of Del Mar’s Fiscal Year 2012 implementation of the Industrial and Commercial component as it relates to the Municipal Permit requirements. For any items in the table where an explanation, description, results, inventory, or examples are necessary, references are noted in the table and are included as an Appendix or are provided in Section 5.2.

During Fiscal Year 2012, the City was compliant with Section D.3.b. of the Municipal Permit.

**Table 5-1: Industrial and Commercial Program Implementation**

Item No.	Program Implementation Description	Confirmation and/or result
1	Any updates to the industrial and commercial inventory.	City moved to a property-based inventory. See 5.2.1 for a description and <b>Appendix G</b> for the inventory update
2	Confirmation that the designated BMPs were implemented, or required to be implemented, for industrial and commercial sites/sources.	Confirmed
3	A description of efforts taken to notify owners/operators of industrial and commercial sites/sources of BMP requirements, including mobile businesses.	See 5.2.2 below for description
4	Identification of the total number of industrial and commercial sites/sources inventoried and the total number inspected.	Inventoried = 50 stationary facilities at 68 properties Inspected = All stationary facilities and properties
5	Justification and rationale for why the industrial and commercial sites/sources inspected were chosen for inspection.	Followed justification and rationale provided in 2008 JURMP; all inventoried sites/sources were inspected
6	Confirmation that all inspections conducted addressed all the required inspection steps to determine full compliance.	Confirmed through patrol inspections, see 5.2.3 and <b>Appendix H</b>
7	At a minimum, 100% of all sites (excluding mobile sources) determined to pose a high threat to water quality (TTWQ) shall be inspected.	100% of all inventoried stationary sites determined to pose a high TTWQ were inspected
8	At a minimum, 25% of the sites inventoried as required in section D.3.b.(1) of the Permit (excluding mobile businesses) shall be inspected.	The City’s entire commercial and industrial inventory (100%) received site visits through the inspection process. See <b>Appendix I</b>

<b>Item No.</b>	<b>Program Implementation Description</b>	<b>Confirmation and/or result</b>
9	Identification of the number of third party inspections conducted.	None
10	Identification of efforts conducted to verify third party inspection effectiveness.	None
11	A description of efforts implemented to address mobile businesses.	See 5.2.4 below for description
12	The number of violations and enforcement actions (including types) taken for industrial and commercial sites/sources, including information on any necessary follow-up actions taken. The discussion should exhibit that compliance has been achieved, or describe actions that are being taken to achieve compliance.	See 5.2.5 below for discussion
13	A description of steps taken to identify non-filers and a list of non-filers (under the General Industrial Permit) identified by the Copermittees.	Not needed during FY 12
14	A description of notable activities conducted to manage urban runoff from industrial and commercial sites/sources.	See 5.2.6 below for discussion

## **5.2 TABLE 5-1 SUPPLEMENTAL INFORMATION**

### **5.2.1 Table 5-1 Item No. 1**

With the implementation of the patrolling inspection program, the commercial/industrial inventory was modified to accommodate additional information, cataloging all properties within the City involved in commercial and/or industrial land uses. Businesses within these properties were also captured, and the updated property-based inventory lists high priority businesses as tenants within their respective property. The City will continue updating the inventory through the results of the patrolling inspections. See **Appendix G** for the FY 2012 inventory update.

### **5.2.2 Table 5-1 Item No. 3**

During Fiscal Year 2012, the City provided notification to owners/operators of industrial and commercial businesses of the applicable BMP requirements. This information was specific to automotive and food establishment businesses. Thirteen (13) inventoried businesses operating within the City of Del Mar did not fall into one of these two categories - these included three (3) animal facilities, one (1) pottery manufacturing company, one (1) printing services business, six (6) hotels, and two (2) doctors' offices. Additional information regarding BMP deficiencies was distributed through letters as a result of the City's patrolling inspections (see Section 5.2.3).

Mobile businesses completing business license applications are directed to the Clean Water Manager for a one-on-one discussion regarding applicable BMPs and other applicable City program requirements.

### **5.2.3 Table 5-1 Item No. 6**

The City has implemented a patrolling inspection program to routinely inspect City businesses, commercial arterials, and municipal facilities for clean water violations of the Municipal Code. The patrols are a proactive way the City can enforce compliance, discover and abate trouble areas/hotspots, and better educate business owners and property managers regarding the City's clean water requirements.

Inspectors patrol the City's main commercial arterials, inspecting all properties and businesses on the City's commercial/industrial inventory on a four to five-week rotation. Municipal parks and facilities, and multi-family residences (apartments and condos) are included in the patrols in order to focus on shared outdoor areas and activities (this includes trash dumpsters and grease bins, irrigation systems, washing activities, and discharges to City streets and storm drain system). Inspectors note any deficiency per the City's Municipal Code during the patrol for follow-up. Immediate contact with the business owner or property manager is not initiated unless an active IC/ID is observed, in which case all attempts are made to abate the illegal discharge. The City's commercial/industrial patrolling protocol is presented in **Appendix H**.

The Clean Water Program conducted patrols eleven (11) times during the reporting period, resulting in 118 issues requiring follow-up. Clean Water reminder letters were sent to the responsible parties following each patrol, and all outstanding issues were resolved by the end of the reporting period. Issues observed during the commercial/industrial patrol inspections are summarized in **Table 5-2**. A full listing of the results of the commercial/industrial inspections are presented in **Appendix I**.

**Table 5-2:** Industrial and Commercial Patrol Inspection Summary

<b>Issue</b>	<b>No. Observed</b>
Irrigation Runoff	5
Leaking Hose	5
Leaking Fountain	1
Broken Sprinkler Causing Runoff	1
Uncontained Hosing	5
Dumpster Lids Open or Missing	37
Dumpster Overflowing	15
Excessive Trash	7
Grease Lid Open or Missing	11
Grease Stains or Tracking	15
Excessive Leaves, Sediment Build-up	1
Secondary Containment Missing or Inadequate	9
MS4 Discharge or Evidence of Discharge	6
<b>Total</b>	<b>118</b>

**5.2.4 Table 5-1 Item No. 11**

An inventory of known mobile businesses within the City’s jurisdiction was reviewed for Fiscal Year 2012 and is included as **Appendix J**. This inventory is based on the City’s business license list, and is updated on a regular basis. The current inventory lists over 740 mobile businesses operating within the City of Del Mar, and all are presently considered high TTWQ facilities. The City continues to take opportunities to educate mobile sources when encountered or reported to the City, and when new mobile applicants file a business license application at City Hall. All mobile businesses are asked for proof of license when performing activities within the City and are required to obtain a license if not provided.

**5.2.5 Table 5-1 Item No. 12**

*Industrial and Commercial Inspection Follow-up and Enforcement*

The City’s enforcement process is to perform a follow-up visit for those businesses found to be out of compliance during the patrol inspections. After a BMP deficiency is initially observed during the patrol inspection, the City mails a Clean Water letter outlining the issue to the business owner or property manager. The letter includes information on how the deficiency can impact local beaches and water quality, and further provides assistance by offering recommendations for how the issue can be resolved. Inspectors will then follow-up with the business or property by performing another patrol inspection to see whether the issue has been corrected. If the business is still out of compliance after the follow-up visit, City Code Enforcement is notified whereby a Notice of Violation (NOV) or citation may be issued if there is still no evidence of compliance.

One (1) NOV was issued to a commercial property during FY 2012 as a result of the patrolling inspections. The issue prompting the NOV was resolved by the end of the reporting period.

One (1) business was noted as requiring a follow-up in the last JURMP Annual Report due to the Fiscal Year 2011 inspection program. The follow-up was conducted during the current reporting period’s patrol inspections – the facility came into compliance by obtaining secondary containment for its used grease container.

*Complaint Investigation Follow-up and Enforcement – Industrial and Commercial Facilities*

In addition to inspection follow-ups, the City also receives complaints or initiates investigations based on staff's observations of storm water violations. After reviewing the facts of the case, the Code Enforcement Officer or Clean Water Manager determines the level of violation (if any) and may issue an NOV and/or administrative citation as appropriate. The City has made it a policy that education is to play a significant role in the enforcement of storm water regulations. In most cases, a verbal warning is all that is necessary and compliance is achieved. However, in some instances, further enforcement action is required.

The City began tracking contacts made with business owners and property managers during the year using the online database. During the reporting period, the City tracked 22 contacts under the new system, which included conversations and verbal warnings, letters, and NOVs. During Fiscal Year 2012, two (2) investigated incidents involving commercial or industrial operations warranted formal NOVs. The City's Code Enforcement Officer issued the NOVs as a result of the investigations. Both issues were resolved in a timely manner, and there were no outstanding enforcement issues at the end of the reporting period.

**5.2.6 Table 5-1 Item No. 14**

As discussed above, the City modified its inspection process for industrial and commercial facilities during the reporting period. The patrolling inspection program has led to more of a Clean Water presence in the industrial/commercial community and helped to identify and abate potential stormwater issues within the City. It is anticipated that by continuing the program and using the Clean Water reminder letters for addressing potential issues, storm water education in the business community will continue to increase into the foreseeable future.

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## 6. RESIDENTIAL

### 6.1 PROGRAM IMPLEMENTATION

**Table 6-1** represents the City of Del Mar’s implementation of the Residential component as it relates to the Municipal Permit requirements during Fiscal Year 2012. For any items in the table where an explanation, description, results, inventory, or examples are necessary, references are noted in the table, and are included as an Appendix or are provided in Section 6.2.

During Fiscal Year 2012, the City was compliant with Section D.3.c. of the Municipal Permit.

**Table 6-1:** Residential Program Implementation

Item No.	Program Implementation Description	Confirmation and/or result
1	Identification of the high threat to water quality residential areas and activities that were focused on.	As described in Section 8.2 of the City’s 2008 JURMP, the City considers all residential areas within City limits to be high threat to water quality residential areas and activities
2	Confirmation that the designated BMPs were implemented, or required to be implemented, for residential areas and activities.	Confirmed. Designated BMPs, per Appendix 8-A of the 2008 JURMP, were required to be implemented
3	A description of efforts implemented to facilitate proper management and disposal of used oil and other household hazardous materials.	See Section 6.2.1 below
4	Types and amounts of household hazardous wastes (HHW) collected, if applicable.	2.42 tons of mixed HHW; See Section 6.2.1
5	The number of violations and enforcement actions (including types) taken for residential areas and activities, including information on any necessary follow-up actions taken. The discussion should exhibit that compliance has been achieved, or describe actions that are being taken to achieve compliance.	See Section 6.2.2 below
6	A description of any evaluation of methods used for oversight of residential areas and activities, as well as any findings of the evaluation.	See Section 6.2.3 for description
7	A description of collaboration efforts taken to develop and implement the Regional Residential Education Program.	See Section 6.2.4 below
8.	A description of notable activities conducted to manage urban runoff from residential areas and activities	See Section 6.2.5 below

## 6.2 TABLE 6-1 SUPPLEMENTAL INFORMATION

### 6.2.1 Table 6-1 Item No. 3 and No. 4

The City continues to implement and facilitate proper management and disposal of used oil and household hazardous materials as described in Section 8.4.3 of the 2008 JURMP. During the reporting period, the City's contractor, PSC Environmental Services, LLC, continued to provide curbside pick-up and drop-off of household hazardous waste (HHW) for the City's residents. Table 6-2 below provides a summary of the HHW collection for the reporting period.

**Table 6-2:** Household Hazardous Waste Data

Fiscal Year	Pick-Up Service Users	Drop-off Services Users	Total Users	Total Weights of HHW Disposal (lbs)	Waste Oil Disposal (gal)
2011-2012	56	24	80	4,835*	No Data
2010-2011	82	30	112	12,500**	No Data
2009-2010	43	17	60	6,686	15.9
2008-2009	96	16	112	12,542	6.9
2007-2008	130	34	165	11,698	50.0
2006-2007	104	31	135	12,845	No Data

\*calculated based on program-wide disposal per user

\*\*estimated by service provider

### 6.2.2 Table 6-1 Item No. 5

As a result of the investigations conducted by City staff, the enforcement actions in **Table 6-3** were taken. All enforcement actions resulted in compliance.

**Table 6-3:** Fiscal Year 2012 Residential Enforcement Actions

Type of Enforcement Action	Quantity
Notice of Violation	10
Administrative Citation	2
<b>Total Fines</b>	<b>\$400</b>

### 6.2.3 Table 6-1 Item No. 6

During the reporting period the City continued to utilize a combination of residential education, complaint investigation and code enforcement as methods for oversight of residential areas and activities as noted in the City's 2008 JURMP (Sections 8.3 and 8.4). During FY 2011, the City evaluated the methods historically used and decided to implement an additional method of oversight through the random patrols of residential neighborhoods. In FY 2012, City staff patrolled all of the residential streets in the City to identify issues that require follow-up.

During FY 2012, eighteen (18) residential patrolling inspections were conducted where inspectors covered all residential streets and areas within the City. When runoff was observed, the inspector would trace the flow upstream to investigate the potential source of the runoff. In addition to the date and time of the observance, inspectors recorded information on the source or activity causing the runoff and the responsible party (when identifiable). Due to the local

topography and border with other jurisdictions, runoff originating in the City of San Diego would occasionally flow onto City streets and storm water conveyances. The City is coordinating with local jurisdictions in cases of residential urban runoff coming from other municipalities, and has been in the works to setup a mechanism whereby runoff issues from other cities can be addressed.

The City also developed a door hanger during the last reporting period that is used to notify residents and businesses of issues related to the Clean Water Program identified at or near their location. Inspectors mark the residential door hangers with any Clean Water issues observed during the patrol, which is used as an educational tool for the residents in the community. A copy of the door hanger used during the residential patrols was provided in the FY 2011 JURMP Annual Report.

#### **6.2.4 Table 6-1 Item No. 7**

##### *Regional Residential Education Program*

The City continued to collaborate with other Copermittees in the implementation of the Regional Residential Education Program during Fiscal Year 2012. The City of Del Mar provides funds for the Regional Residential Education Program in collaboration with other Copermittees. A complete discussion, including program element development and implementation, of the Regional Education Program can be found in the Regional Urban Runoff Management Program annual report, submitted by the Principal Permittee under separate cover.

#### **6.2.5 Table 6-1 Item No. 8**

The City continued implementing its patrols of residential neighborhoods in efforts to provide an additional method of oversight for residential areas and activities. Staff patrol all residential streets in the City to identify issues that require follow-up and identify active illegal discharges. The City observed 241 instances of urban runoff within the City of Del Mar during the first full year of patrols. Educational door hangers were used to notify residents when runoff or other issues were occurring on their property.

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## **7. ILLICIT DISCHARGE DETECTION AND ELIMINATION**

Per RWQCB Addendum No. 2 to Order R9-2007-0001, the City will submit this section in its entirety on December 15, 2012.

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## 8. EDUCATION

### 8.1 PROGRAM IMPLEMENTATION

**Table 8-1** represents the City of Del Mar’s implementation of the Education component as it relates to the Municipal Permit requirements during Fiscal Year 2012. For any items in the table where an explanation, description, results, inventory, or examples are necessary, references are noted in the table and are included as an Appendix or are provided in Section 8.2.

During Fiscal Year 2012, the City was compliant with Section D.5 of the Municipal Permit.

**Table 8-1:** Education Program Implementation

Item No.	Program Implementation Description	Confirmation and/or result
1	A description of education efforts conducted for each target community.	The target communities are covered in items 2-6 of this table and all descriptions provided in Sections 8.2 below
2	A description of how education efforts targeted underserved target audiences, high risk behaviors, and “allowable” behaviors and discharges.	See section 8.2.1 below
3	A description of education efforts conducted for municipal departments and personnel.	See section 8.2.2 below
4	A description of education efforts conducted for the new development and construction communities.	See section 8.2.3 below
5	A description of education efforts conducted for Industrial and Commercial owners/operators.	See section 8.2.4 below
6	A description of jurisdictional education efforts conducted for residents, the general public and school children.	See section 8.2.5 below

## 8.2 TABLE 8-1 SUPPLEMENTAL INFORMATION

### 8.2.1 Table 8-1 Item No. 2

As stated in the City’s 2008 JURMP, there are no underserved or low-socioeconomic communities that have been identified in the City of Del Mar. However, high-risk behaviors have been associated with non-stormwater discharges including residential over-irrigation and some mobile business practices.

To address residential over-irrigation and other types of illegal discharges, the City developed a door hangar to be used to inform residents and businesses of non-stormwater discharges occurring at or near their locations, which the City began using during the summer of 2011. The door hangers were presented in the FY 2011 JURMP Annual Report.

To address mobile businesses, the City has a policy where new business license applications for mobile businesses are directed to the Clean Water Manager to set up a one-on-one meeting with the applicants. This is setup to allow for education and outreach regarding the City’s program and requirements. During the reporting period, no new mobile businesses applied for a business license. Subsequently, no mobile businesses completed the business license process.

### 8.2.2 Table 8-1 Item No. 3

#### *Municipal Departments and Personnel*

During the reporting period, staff received training on stormwater topics, including specific training focused on Permit requirements. The City of Del Mar held two (2) focused training sessions to educate field staff on job-specific stormwater principals and requirements, including the required “pre-wet season” training for construction inspections held for planning and code enforcement staff. All of the staff from the Planning and Community Development Department and Code Enforcement Division attended these trainings. The Clean Water Department also provided training to the Public Works Department on issues related to their line of work. **Table 8-2** below summarizes the training conducted during the reporting period.

**Table 8-2:** Staff Education and Training Summary

Date	How Conducted	Education Topic	Attendees
9/27/2011	Planning and Community Development Staff Training Session	Overview of JURMP Construction Inspection Requirements (Wet Season)	Departmental Staff & Line Management
6/28/2012	Public Works Training Session	Clean Water Program and Public Works Specific Requirements	Public Works Staff and Management

#### *City Council*

In an effort to keep members of the City Council informed and aware of Clean Water Program issues, staff provided a program update at one of the City Council meetings. The emphasis was placed on a funding resolution for the Clean Water Service Charge increase for Fiscal Year 2012-2013 and an overall update on the Clean Water Program. The City Council meeting date occurred on June 4, 2012.

### 8.2.3 Table 8-1 Item No. 4

The City has two governing bodies whose purview is development activities within the City: the Design Review Board and the Planning Commission. The Clean Water Manager provided

training to the Planning Commission and to the Design Review Board during the FY 2011 reporting period. The trainings to both the Board/Commission and the development community in the audience were focused on Clean Water Program requirements for all development activity within the City. This included a discussion on impacts of development as well as the mitigation required through design and implementation of site design, source control and treatment control BMPs. Land development and SUSMP training occurs every other year, and will be performed again during the next reporting period.

**8.2.4 Table 8-1 Item No. 5**

During Fiscal Year 2012, the City utilized its contact with the industrial and commercial businesses to provide outreach and activity specific education when issues were observed during the Commercial and Industrial Patrolling Inspections. The inspection staff has developed an excellent rapport with most of the business community and provides information and guidance as-needed. When issues were observed during the patrol inspections, the City contacted the responsible business owners and property managers in order to inform them of the BMP deficiencies.

**8.2.5 Table 8-1 Item No. 6**

In addition to the methods described above, the City of Del Mar uses media as a means of outreach to the general public. The City developed a 12 minute video in 2008 in an effort to reach and educate a wide audience about the Clean Water Program and regulatory requirements. The video, entitled “The Del Mar Clean Water Program: Keeping the Water Clean for You!” highlights the municipal programs conducted by the City, and provides a complete overview of the Permit elements. The video continues to remain available “on-demand” on the City of Del Mar website ([www.delmar.ca.us/cleanwater.htm](http://www.delmar.ca.us/cleanwater.htm)), and was made into DVD’s for distribution to public groups, residents, and schools. In addition, the video has been used for discussions at City Council Meetings and during staff training. During the reporting period, the Clean Water Video was reviewed 95 times via the City’s Website. **Table 8-3** below provides a breakdown by month on the number of times the video was viewed on the City’s website during the Fiscal Year 2012 reporting period.

**Table 8-3: Clean Water Video Webcast Summary**

<b>Month</b>	<b>Number of Views</b>
Jul-11	4
Aug-11	8
Sep-11	11
Oct-11	9
Nov-11	5
Dec-11	16
Jan-12	8
Feb-12	3
Mar-12	12
Apr-12	7
May-12	10
Jun-12	2
<b>Total Views</b>	<b>95</b>

The local television station, Del Mar TV, airs the “Keeping the Water Clean for You!” video throughout the year. Other clean water related Public Service Announcements (PSAs) and bulletins are routinely aired on the station in order to educate the public on how they can help

reduce urban runoff and storm water pollution. **Table 8-4** outlines the clean water related airings by Del Mar TV during the reporting period.

**Table 8-4:** FY 2012 Del Mar TV Clean Water PSAs and Bulletins

<b>Program or PSA</b>	<b>Source</b>	<b>Airings</b>
Working for Water	Water Board Training Academy	14
City of Del Mar's Clean Water Program: Keeping the Water Clean For You!	Del Mar Clean Water Program	10
Being Waterwise	Del Mar TV Production	8
Slow the Flow: Make Your Landscape Act More Like A Sponge	Potrero Industries (San Francisco)	8
Help Keep Del Mar Clean: Ocean & Beaches PSA	Del Mar TV Production	20
Clean Water Tips and Information Bulletins	DMTV Community Bulletin Board	Multiple/Day
Think Blue San Diego! (various PSAs)	City of San Diego Stormwater Program	2/Day

## 9. PUBLIC PARTICIPATION

### 9.1 PROGRAM IMPLEMENTATION

During Fiscal Year 2012, the City was compliant with all elements of Section D.6 of the Municipal Permit.

#### *General Public Feedback Mechanisms*

The City continues to maintain an active website ([www.delmar.ca.us](http://www.delmar.ca.us)) which provides the public with opportunities to contact City staff directly, and find information regarding any of the City's programs. The Clean Water Program has its own webpage that is updated as needed (<http://www.delmar.ca.us/Government/dept/Pages/CleanWater.aspx>) and allows the public to contact the Clean Water Manager and Code Enforcement Officer to report potential violations of the City's Stormwater Management and Discharge Control Ordinance (Section 11.30 of the Del Mar Municipal Code) using an online reporting form. The webpage also allows the public to ask questions regarding water use and runoff, download information on the City's JURMP, and link to the City's various BMP Manuals and the Permit itself.

The City continues to maintain a specific e-mailbox and phone hotline for reporting issues. This email address ([cleanwater@delmar.ca.us](mailto:cleanwater@delmar.ca.us)) and hotline (858) 755-9313 x172 are directly answered by the City's Clean Water Manager. Every attempt is made to respond to any inquiry by the close of the next business day, although issues are typically addressed within an hour of receipt of information. When inquiries are made from areas within the 92014 zip code, but outside the City's jurisdiction (i.e. the "Del Mar Heights" portion of the City of San Diego), City of Del Mar staff notify City of San Diego staff for follow-up. During the reporting period there were no such referrals.

#### *Formal Public Hearings and Workshops*

The general public is given the opportunity to provide testimony and provide feedback on issues related to the Clean Water Program at regular meetings and workshops held by the Del Mar City Council, the Del Mar Planning Commission, and other City Committees. This can include public testimony on development planning and capital improvement projects relating to the project-specific implementation of stormwater controls. All testimony, concerns, and input are then referred to staff for review, comment, and action as appropriate.

During the Fiscal Year 2012 reporting period, the Del Mar City Council held 31 public meetings (including public workshops) in which the general public was given the opportunity to provide feedback on the Clean Water Program, or on any topics they wished to bring before the elected officials of the City.

During the reporting period, there were specific City Council agenda items relating to the Clean Water Program including implementation of the JURMP increases to the Clean Water funding mechanism, and overall update to the Clean Water Program. To reach the widest audience possible, these hearings and workshops are streamed live over the internet, broadcast live on DelMarTV (Time Warner Cable Channels 19 & 24), replayed in their entirety the two days following the hearing on DelMarTV, and available on-demand through the City's website. **Table 9-1** below provides a list of the specific City Council Agenda items relating to the Clean Water Program, JURMP, or other water quality related issues for the Fiscal Year 2012 reporting period.

**Table 9-1: Public Participation Program Implementation**

<b>Hearing Date</b>	<b>Subject</b>
June 4, 2012	Clean Water Program Update, Resolution for Clean Water Service Charge Increase for FY 2012-2013

*Staff as Feedback Mechanism*

As indicated in the 2008 JURMP, the City of Del Mar believes that City staff are the public at work. More importantly, field staff are the eyes and ears of the City, interacting with the general public during their day-to-day work. Staff is continually encouraged to report violations and provide feedback to the City's Clean Water Manager on the implementation of the JURMP, and can provide valuable information on which systems and programs are working and suggestions on improving the programs.

## 10. FISCAL ANALYSIS

### 10.1 PROGRAM IMPLEMENTATION

During Fiscal Year 2012, the City was compliant with Section G of the Municipal Permit.

Section 12 of 2008 JURMP provided a strategy for effectively conducting a fiscal analysis of the Program in its entirety. The fiscal analysis strategy in the 2008 JURMP included the expenditures (such as capital, operation and maintenance, education, and administrative expenditures) necessary to accomplish the activities of the Program. No modifications in Section 12 of the 2008 JURMP were made during this reporting period.

On January 29, 2009, the San Diego Municipal Copermittees adopted the “Standardized Fiscal Method and Format” which provides a model for the City of Del Mar and other Copermittees to perform the review and annual reporting as required in Order R9-2007-0001, Section G. This methodology and reporting format became effective in January 31, 2010. The “Standardized Fiscal Analysis Method and Format” (Fiscal Analysis Method) was collaboratively developed and adopted by the Copermittees in January 2009 in accordance with sections G, J.1.a(3)(k) and J.1.c(1)(d) of the Permit. The Fiscal Analysis Method document was submitted to the San Diego RWQCB on January 31, 2009, as Attachment 1 of the “Regional Urban Runoff Management Plan (RURMP) Annual Report for 2008-2009.”

As required, the City of Del Mar is utilizing the format and guidelines described in the Fiscal Analysis Method for this reporting period. This section of the Annual Report provides a fiscal analysis of the City’s urban runoff management programs which meets all requirements of the Permit.

#### *10.1.1 Clean Water Program Budget*

The City of Del Mar Clean Water Program is a multi-departmental program, funded as an enterprise fund in the City’s Annual Budget. Enterprise funds account for operations that are financed and operated in a manner similar to private businesses, with the costs of providing the services recovered largely through user fees. Fund 55 (“The Clean Water Fund”), is one of three (3) enterprise funds in the City’s budget, and was added to the City’s budget in Fiscal Year 2004 to account for the mandated costs of the City’s responsibilities in order to comply with the Municipal Permit.

The City of Del Mar Operating and Capital Improvement Budgets for Fiscal Year 2012 and Fiscal Year 2013 were presented to the Del Mar City Council on June 4, 2012. The budget was formally adopted during the same meeting.

For the Fiscal Year 2011-2012 reporting period, the final amended budget for Fund 55 totaled \$462,922. **Table 10-1** below provides a breakdown of program budget by major budget category for Fiscal Year 2012.

**Table 10-1:** Budget Summary – Clean Water Fund 55

Fund Account		Adopted Budget Fiscal Year 2012	Description/Comments
55-5220	Clean Water Engineering	-	Engineering contractual services including: Program management (Fiscal Year 2008) water quality testing, development and distribution of educational materials, fees to agencies (Fiscal Year 2008), and engineering services.
55-5530	Clean Water Planning	44,761	Active enforcement of Clean water regulations including project plan review, permitting, construction monitoring and plan review of BMPs.
55-5536	Clean Water Code Enforcement	23,068	Active in-field enforcement of clean water regulations, including response to resident complaints.
55-5539	Clean Water Program Management	237,975	Beginning mid-year Fiscal Year 2008, all program management and reporting activities, fees to agencies, and interaction with regional Copermittee groups.
55-5840	Public Works (General)	19,195	Provides for administration and general support for all clean water programs for property and facilities, including supervision of maintenance staff.
55-5841	Flood Control & Drainage	4,772	Provides for necessary monitoring, water quality testing, and labor associated with program requirements when Flood Control pumps are operated.
55-5845	Street Maintenance	99,718	Provides for a portion of sidewalk and street cleaning including street sweeping and storm drain maintenance within the City limits of Del Mar. Also covers costs with testing, recording contents, and recovering all deposited materials that otherwise would discharge to the beach, river, or lagoon.
55-5847	Street Landscaping	19,608	Provides for landscape supervision, documentation, and controls for the Clean Water aspects of the street landscaping for medians, islands, street ends, and other street related areas. The program also provides for improved litter control, pesticide and fertilization monitoring and reporting.
55-5848	Park Maintenance	13,825	Provides for park maintenance supervision, documentation, and controls for the Clean Water aspects of the landscaping for parks and open space areas. The program also provides for improved litter control, pesticide and fertilization monitoring and reporting.
<b>Total Clean Water Program Budget – Fund 55</b>		<b>\$462,922</b>	

**10.1.2 Fiscal Analysis Methods**

The City of Del Mar utilized the format and guidelines included in the Fiscal Analysis Method for reporting purposes; however, given the City’s financial accounting methods, a few modifications were necessary. These adjustments are described below.

### **10.1.3 Fiscal Analysis Results**

The City's Fiscal Year 2012 jurisdictional (JURMP), watershed, (WURMP), and regional (RURMP) projected expenditures for the implementation of the Municipal Permit requirements are summarized in **Table 10-2** below.

### **10.1.4 JURMP Expenditures**

The City of Del Mar utilized the expenditure categories detailed in the Fiscal Analysis Method for jurisdictional reporting. However, due to the implementation overlap of some of the City's municipal permit components; it is difficult to separate out individual component costs. As a result, the expenditures for residential, education, and public participation are reported as one expenditure category. Additionally, since the City does not explicitly track expenditures by permit component for its budgeting purposes, in many cases estimated percentages were utilized to allocate expenditures into the appropriate municipal permit component categories.

A total of \$462,922 was projected to be expended in Fiscal Year 2012 for the implementation of JURMP activities. An overview of the expenditures reflected in JURMP activity components is described below.

#### *Administration*

Activities identified in this component represent labor and non-labor expenditures for materials, supplies, equipment, or tools that are not otherwise incorporated into other expenditure categories, general administrative functions (e.g., program planning, budgeting, staff supervision), and program assessment and reporting.

#### *Development Planning*

Activities identified in this component represent labor and non-labor expenditures related to issuance or oversight of permits or of plans (e.g., permit counter support, plan checks, permit or application processing), project planning and engineering (e.g. project design specifications, capital improvement projects).

#### *Construction*

Activities identified in this component represent labor and non-labor expenditures related to construction site inspections and enforcement.

#### *Municipal*

Activities identified in this component represent labor and non-labor expenditures related to maintenance inspections of streets, roads, catch basins and inlets, open channels, and the MS4, municipal facility inspections, street and parking lot sweeping, catch basins and inlets, open channels, and MS4 cleaning, and municipal BMP implementation. Since the City of Del Mar conducts all fire-fighting training outside of the City, and no non-emergency fire-fighting flows occurred during the reporting period, the City does not currently track expenditures relating to non-emergency fire-fighting flows. Any costs associated with preparing for these flows are included in the municipal component.

**Table 10-2:** Fiscal Year 2012 Expenditure Summary by Program Component

Component Description	Fiscal Year 2012 Projected Expenditures
<b>Jurisdictional Component</b>	
Administration	43,020
Development Planning	50,093
Construction	25,927
Municipal (Including Non-Emergency Fire Flows)	148,733
Industrial and Commercial	16,948
Residential, Education, and Public Participation	42,150
IDDE	28,269
Jurisdictional Total	<b>\$355,138</b>
<b>Watershed Component</b>	
San Dieguito Watershed	42,900
Los Peñasquitos Watershed	35,015
Watershed Total	<b>\$77,915</b>
<b>Regional Component</b>	
Total Copermittee Cost Share for Del Mar	19,065
Additional Regional Costs	10,804
Regional Total	<b>\$29,869</b>
<b>Total Costs</b>	<b>\$462,922</b>

*Industrial and Commercial*

Activities identified in this component represent labor and non-labor expenditures related to evaluation and enforcement of program requirements at industrial and commercial sites or sources (e.g. routine inspections and complaint investigations).

*Residential, Education, and Public Participation*

Activities identified in these components represent labor and non-labor expenditures related to investigation and enforcement of residential areas or activities, staffing outreach events, development and production of outreach materials, and any expenditures associated with waste collection and recycling (e.g. household hazardous waste, used oil).

### *Illicit Discharge Detection and Elimination*

Activities identified in this component represent labor and non-labor expenditures related to the identification and elimination of illicit discharges or connections, enforcing the City of Del Mar's storm water ordinance, and any expenditures related to monitoring programs (e.g. dry weather monitoring, coastal storm drain monitoring, special investigations, field or sampling equipment, materials and supplies).

#### **10.1.5 WURMP Expenditures**

The City of Del Mar utilized the expenditure categories (administration, watershed activities, cost share contribution, and other) detailed in the Fiscal Analysis Method for watershed reporting. The watershed expenditures included in this report only capture City of Del Mar expenditures and do not account for any expenditure disbursed by other Copermittees included in the watershed(s).

A total of \$77,915 was projected to be expended in Fiscal Year 2012 for the implementation of WURMP activities. This also includes costs for the implementation of applicable TMDLs (Los Peñasquitos Lagoon Sediment TMDL development and Bacteria TMDL Revised Project I Twenty Beaches and Creeks in San Diego Region), which are considered Special Studies.

#### **10.1.6 RURMP Expenditures**

The City of Del Mar utilized the expenditure categories (administration, cost share contribution, regional activities, and other) detailed in the Fiscal Analysis Method for regional reporting. The regional expenditures included in this report only capture City of Del Mar expenditures and do not account for any expenditure disbursed by other Copermittees in the region. A total of \$29,869 was projected to be expended in Fiscal Year 2012 for the implementation of RURMP activities.

#### **10.1.7 Funding Sources**

To ensure adequate funding for the Clean Water Program, the City uses a combination of user fees and general fund monies.

#### **10.1.8 Clean Water Service Charge**

The City of Del Mar City Council created and adopted a user fee, called the Clean Water Service Charge to offset the costs of the program. Initially, the rate was adopted to collect \$100,000 of the estimated \$300,000 for the program, with an escalator to achieve full cost recovery by 2009. Mid-way through the five-year schedule, on July 24, 2006, the California Supreme Court published a decision in the case of Bighorn-Desert View Water Agency v. Verjil (2006) 39 Cal. 4th 205, which held that consumption-based rates such as water and sewer rates are subject to the notice and hearing requirements of California Constitution, Article XIID, Section 6 (commonly known as "Proposition 218"). Therefore, on January 22, 2007, and February 5, 2007, the Del Mar City Council held public hearings to receive written protests to comply with Proposition 218. No majority protest was received, and the Council ratified the previously approved five-year rate schedule, including the City's Clean Water Service Charge. However, the adopted rate increases did not account for the actual increases in the costs associated program requirements.

As an additional measure to obtain voter approval of the five-year rate schedule for the City's Clean Water Service Charge, the Council directed staff on April 2, 2007, to start the process to perform a mail ballot election procedure. During the process of researching the mail ballot election procedures and the current rates, it became apparent that the process would

immediately need to be repeated to set the Fiscal Year 2010 rates and charges, since the current five-year rate schedule was due to expire in June of 2009. Due to the additional costs incurred in complying with the new requirements of the 2007 Permit, increases to the Clean Water Service Charge were proposed, including an annual rate escalator. All monies appropriated as part of the Clean Water Service Charge are directly identified for the Clean Water Program, and pursuant to law, may not be used by the City for any other purpose.

During the Fiscal Year 2009 reporting period, in compliance with Proposition 218, both the majority protest hearing and mail ballot process were conducted for the proposed increases. Both the ratification of the existing rate structure (required by Proposition 218), and the new rates, including the rate escalator, passed by more than 62%. As a result of the passage of the Clean Water Service Charge, the City will continue to have a secure funding source for the Clean Water Program, outside of general fund monies. Based on current water allocations for the City of Del Mar, the projected revenues from the Clean Water Service Fee will be \$441,081 for Fiscal Year 2012.

## 11. EFFECTIVENESS ASSESSMENT

### 11.1 INTRODUCTION

The Municipal Permit specifies that Copermittees assess the effectiveness of their JURMP at three levels: programmatic, component, and activity-specific. The City uses these effectiveness assessments as part of a feedback loop that incorporates planning, implementation and assessment of its overall Clean Water Program.

This section outlines an integrated effectiveness assessment process that includes compliance assessment results for Fiscal Year 2012 and program changes that reflect the City’s approach to adaptive management. In addition to learning from its own program assessment, the City learns from other Copermittees’ programs. The information that is shared amongst the Regional Copermittees is used by the City to evaluate its activities and make improvements.

### 11.2 EFFECTIVENESS ASSESSMENT RESULTS

#### 11.2.1 Baseline BMP Assessment

The City assesses the effectiveness of its specific activities, program components and overall JURMP by evaluating at the following outcome levels listed in **Table 11-1**. An effectiveness assessment of each program component is presented in **Tables 11-2** through **11-8**.

**Table 11-1: Effectiveness Assessment Outcome Levels 1-6**

Outcome Level	Description	Assessment
1	Program Compliance	Measured by comparison to targeted outcomes, and the City’s effectiveness at implementing the Municipal Permit
2	Changes in Attitudes, Awareness and Knowledge	Measured by pre- & post-surveys and questioning of specific regulated communities
3	Behavioral Changes and BMP Implementation	Measured by analysis of inspection findings
4	Load Reductions	Measured by direct method – how much waste material is collected and disposed
5	MS4 Discharge Quality and Hydrology	Measured through program implementation, monitoring results, and observations during inspections
6	Receiving Water Conditions	Measured by compliance with water quality standards, receiving water monitoring results, and beneficial use attainment

#### *Level 1 – Compliance Assessment—Activity, Components and Program*

Overall program compliance is based on the summation of the individual Municipal Permit component compliance evaluations. Municipal permit component compliance is determined by comparing data to the targeted outcomes for specific activities. For Fiscal Year 2012, the targeted outcomes for each permit activity are defined as fulfilling the baseline Municipal Permit requirements of Order R9-2007-0001. The assessment results are provided in the tables below.

Overall, the City met 100% of its targeted outcomes for Baseline BMP significant activities.

**Table 11-2: Assessment of Development Component**

No.	Permit Compliance Item	Outcome Level	Assessment Method	City Fiscal Year 2012 Targeted Outcome	Confirmation and/or result
1	Require all development projects to undergo the City's urban runoff approval process and meet applicable project requirements	1	Confirmation	100% of development projects undergo urban runoff approval process and meet requirements	Confirmed
2	Require all applicable SUSMP BMPs to be applied to all priority development projects	1	Confirmation	100% of PDPs to have SUSMP BMPs applied	Not Applicable for Fiscal Year 2012 - No PDP projects
3	If PDPs are allowed to implement treatment control BMPs with low removal efficiency rankings, require that a feasibility analyses is conducted to exhibit that more effective BMPs were infeasible	1	Confirmation	Allow 0% to implement TCBMPs with low efficiency ranking - unless paired with higher efficiency TCBMPs	Not Applicable for Fiscal Year 2012 - No PDP projects
4	Maintain an updated treatment control BMP inventory	1	Confirmation	Conduct 100% of updates	Confirmed - no updates
5	Inspect TCBMPs per minimum requirements in Permit	1	Confirmation	Inspect 100% of TCBMPs in City inventory	Completed
6	Conduct annual verification of operation and maintenance of TCBMPs	1	Confirmation	Verify 100% of TCBMPs in City inventory	Completed
7	Conduct BMP verification for all PDPs prior to occupancy	1	Confirmation	Perform inspections at 100% of PDPs to ensure BMPs are constructed prior to occupancy	Not Applicable for Fiscal Year 2012 - No PDP projects
8	For all qualifying HMP Projects, ensure that HMP requirements are applied	1	Confirmation	Require 100% of qualifying projects to implement HMP requirements	Not Applicable for Fiscal Year 2012 - No PDP/HMP projects
9	Enforce the development projects throughout their process including post-construction TCBMP maintenance	1	Confirmation / Tabulation	Enforce as necessary	No enforcement necessary for Fiscal Year 2012

**Table 11-3: Assessment of Construction Component**

No.	Permit Compliance Item	Outcome Level	Assessment Method	City Fiscal Year 2012 Targeted Outcome	Confirmation and/or result
1	Require all construction sites projects to undergo the City's urban runoff approval process and meet applicable construction requirements	1	Confirmation	100% of development projects undergo construction urban runoff approval process	Confirmed
2	Maintain a regularly updated construction site inventory	1	Confirmation	Maintain inventory on monthly basis	Confirmed
3	Require designated BMPs to be implemented for all construction sites	1	Confirmation	Require construction BMPs at 100% of construction sites	Confirmed
4	Apply maximum disturbed area requirements for all applicable construction sites	1	Confirmation	Require maximum disturbed area requirements at 100% of applicable sites	Not applicable during Fiscal Year 2012 - no applicable sites
5	Maintain a listing of all construction sites with conditions requiring advanced treatment, together with confirmation that advanced treatment was required at such construction sites	1	Confirmation	Require advanced treatment requirements at 100% of applicable sites	
6	Conduct construction site/activity inspections at the required frequencies	1 & 3	Confirmation / Tabulation / Inspection	Conduct 100% of required inspections at proper frequencies	Confirmed
7	Take enforcement actions against the construction community as-needed to obtain compliance with the City's Municipal Code	1	Confirmation / Tabulation	Enforce as necessary	No enforcement necessary for Fiscal Year 2012

**Table 11-4:** Assessment of Municipal Component

No.	Permit Compliance Item	Outcome Level	Assessment Method	City Fiscal Year 2012 Targeted Outcome	Confirmation and/or result
1	Update the municipal inventory and prioritization	1	Confirmation	Update inventory and prioritization as necessary	Confirmed - however, no updates during Fiscal Year 2012
2	Require designated BMPs to be implemented, for municipal areas and activities, as well as special events	1	Confirmation	Require BMPs at 100% of municipal sites and activities	Confirmed
3	Inspect and maintain municipal treatment controls.	1	Confirmation	Conduct 100% of required inspections at proper frequencies	Confirmed
4	Inspect and clean catch basins/inlets at appropriate frequencies	1 & 3	Tabulation / Inspection	Inspect basins/inlets at proper frequencies	Inventory = 284
					Inspected = 284
					Catch Basins/Inlets Cleaned = 284
5	Inspect and clean MS4 pipes at appropriate frequencies	1	Tabulation	Inspect MS4 at proper frequencies	Total Distance of MS4 pipes = 5.87 miles
					Total Distance inspected ~ 3,500 feet
					Total Distance cleaned ~ 2,500 feet
6	Inspect and clean open channels at appropriate frequencies	1	Tabulation	Inspect channels at proper frequencies	Open Channels = 2.85 miles
					Inspected = 2.85 miles
					Cleaned ~ 2.85 miles
7	Remove waste and litter from catch basins, inlets, the MS4, and open channels as required	4	Quantification	Clean MS4 system as required	Catch Basins/Inlets, MS4, and open channels = 48.35 tons
8	Require designated BMPs for pesticides, herbicides, and fertilizers to be implemented for municipal areas and activities.	1	Confirmation	Require BMPs for pesticides, herbicides and fertilizers at 100% of municipal sites and activities	Confirmed

<b>No.</b>	<b>Permit Compliance Item</b>	<b>Outcome Level</b>	<b>Assessment Method</b>	<b>City Fiscal Year 2012 Targeted Outcome</b>	<b>Confirmation and/or result</b>
9	Track number of miles swept	1	Tabulation	Conduct sweeping at required intervals	Confirmed – 1,198 miles
10	Sweep parking lots and streets	4	Quantification	Conduct sweeping at required intervals	Street and Parking Lot Sweeping = 143.6 tons
11	Implement efforts to prevent and eliminate infiltration from the sanitary sewer to the MS4	1	Confirmation	Conduct sanitary sewer efforts	Confirmed
12	Conduct inspections of the City's municipal areas and activities	1	Confirmation	Conduct inspections at the required frequencies	Confirmed
13	Take enforcement actions against the municipality as-needed to obtain compliance with the City's Municipal Code	1	Confirmation / Tabulation	Enforce as necessary	No enforcement necessary for Fiscal Year 2012

**Table 11-5:** Assessment of Industrial/Commercial Component

No.	Permit Compliance Item	Outcome Level	Assessment Method	City Fiscal Year 2012 Targeted Outcome	Confirmation and/or result
1	Update the industrial and commercial inventory	1	Confirmation	Update inventory and prioritization as necessary	Confirmed; new property-based inventory
2	Require designated BMPs to be implemented, for industrial and commercial sites/sources.	1	Confirmation	Require BMPs at 100% of commercial and industrial businesses	Confirmed
3	Notify owners/operators of industrial and commercial sites/sources of BMP requirements, including mobile businesses	1	Confirmation	Notify 100% of inventoried businesses of Clean Water Program requirements	Confirmed
4	Inspect the businesses on the City's inventory at the percentages identified in the Permit (at least 25% of inventory)	1, 2, & 3*	Confirmation / Inspection / Tabulation	Inspect 100% of inventoried businesses	City inspected 100% of inventoried businesses and all commercial/industrial properties City-wide
5	Take enforcement actions against the business community as-needed to obtain compliance with the City's Municipal Code	1	Confirmation / Tabulation	Enforce as necessary	NOV = 3 No citations were issued to commercial or industrial facilities in FY 2012

\* For more information, see Levels 2 and 3 beginning on page 11-9

**Table 11-6:** Assessment of Residential Component

No.	Permit Compliance Item	Outcome Level	Assessment Method	City Fiscal Year 2012 Targeted Outcome	Confirmation and/or result
1	Require designated BMPs to be implemented for residential areas and activities	1, 2, & 3*	Confirmation	Require BMPs at 100% of the City's residential areas and activities	Confirmed; inspected and tracked through residential patrols
2	Facilitate proper management and disposal of used oil and other household hazardous materials	1	Confirmation	Implement a household hazardous waste program	Confirmed; collected ~2.42 tons HHW
3	Take enforcement actions against the residential community as-needed to obtain compliance with the City's Municipal Code	1	Confirmation	Enforce as necessary	NOV = 10
					Citation = 2
4	Collaborate with Regional Education Program	1	Confirmation	Collaborate with Regional Education Program	Confirmed

\* For more information, see Levels 2 and 3 beginning on page 11-9

**Table 11-7:** Assessment of Education Component

No.	Permit Compliance Item	Outcome Level	Assessment Method	City Fiscal Year 2012 Targeted Outcome	Confirmation and/or result
1	Conduct outreach to high-risk dischargers	1	Confirmation	Conduct outreach to high-risk dischargers	Confirmed
2	Conduct training of municipal departments and personnel	1	Confirmation	Conduct training of municipal departments and personnel	Confirmed
3	Conduct outreach to the development and construction communities	1	Confirmation	Conduct outreach to the development and construction communities	Confirmed
4	Conduct outreach to the general public	1	Confirmation	Conduct outreach to the general public	Confirmed

**Table 11-8:** Assessment of Miscellaneous Program Items

<b>No.</b>	<b>Compliance Item</b>	<b>Outcome Level</b>	<b>Assessment Method</b>	<b>City Fiscal Year 2012 Targeted Outcome</b>	<b>Confirmation and/or result</b>
1	Conduct public participation activities	1	Confirmation	Conduct public participation activities as-needed	Confirmed
2	Conduct a fiscal analysis of the City's urban runoff management programs.	1	Confirmation	Conduct a fiscal analysis of the program	Confirmed
3	Conduct special investigations as-needed	1	Confirmation	Conduct special investigations	Confirmed
4	Identify and make any revisions necessary to the JURMP	1	Confirmation	Revise JURMP as-needed	Revisions to the JURMP were made during Fiscal Year 2012; see Section 12

### *Level 2 – Changes in Knowledge, Awareness and Attitudes Assessment*

During Fiscal Year 2012, the City continued its efforts to collect data and information regarding changes in attitude, awareness and knowledge. In general, the regulated community continued to show a greater awareness and knowledge of the Clean Water Program, its purpose and goals. The inspected businesses in particular showed a greater understanding of the program and its requirements.

Through the patrolling inspections, the residential and industrial/commercial communities were further educated using door hangers and clean water notification letters. As discussed in the previous report components, both educational materials were distributed to the target communities during the reporting period. Door hangers were used to notify residents and clean water reminder letters used to inform business and property owners of issues observed by staff. More than 70 letters were mailed to business/property owners and over 110 door hangers were left at residential properties as a result of the patrol implementation. These numbers represent a net increase in public education as compared to previous years when these educational materials were not distributed.

### *Level 3 – Behavioral Changes and BMP Implementation Assessment*

During the reporting period the City continued its efforts to collect data and information for assessing behavioral changes and BMP implementation. The primary method of data collection was through construction site and patrolling inspections of various facilities to determine BMP implementation. Based on the findings of the inspections of municipal, commercial and construction sites, it is evident that the community as a whole is exhibiting a greater rate of BMP implementation.

During the fiscal year, BMP deficiencies were observed at 32 commercial properties within the City. Of these, 18 (approximately 56%) corrected the issue after the first Clean Water reminder letter was mailed to the responsible party. At all 18 facilities, the deficiency was not observed a second time during the remainder of the year. Other facilities were eventually brought into full compliance, although additional letters and inspections were required. With the help of the City's educational materials, business owners and residents are making the behavioral changes and beginning to implement BMPs to protect water quality.

### *Level 4 – Load Reduction Assessment*

During Fiscal Year 2012, the City continued its efforts to collect data and information for assessing pollutant load reductions. The primary method for determining pollutant load reductions was to collect and analyze data on specific storm water activities; such as storm drain cleanings, street sweeping, and patrolling inspections. Until more data and information becomes available to accurately estimate pollutant load reductions from non-cleaning activities, the City will rely on these activities as the primary quantifiable pollutant load reduction activities.

Below is a summary of the quantifiable pollutant load reduction activities that the City conducted during the Fiscal Year 2012 reporting period:

- Collected 2.42 tons of HHW.
- Public Works conducted 284 inspections of catch basins and inlets, and cleaned 284 catch basins and inlets with accumulated waste.
- Total debris removed from catch basins, inlets, cleanouts, and the MS4 was approximately 48.4 tons of waste and litter by the Public Works Department.

- Through the implementation of the City’s street sweeping program, 1,198 curb miles were swept and 143.6 tons of debris (including parking lots) was removed within the City.

Other programs are likely causing load reductions through behavior changes in the City’s business and residential populations, although this cannot be quantified at this time. The commercial/industrial and residential patrolling programs are resulting in fewer observations of BMP deficiencies now that the programs have been in place for over a year. This suggests BMP implementation is on the rise, which will result in positive load reduction impacts in the long term. Additional analysis will be presented in future JURMP Annual Reports when more data is available.

### 11.2.2 Integrated Program Assessment

In order to present a comprehensive water quality and integrated assessment, the City analyzed information collected from regional, watershed, jurisdictional, and Municipal Permit-required programs to assess Outcome Levels 5 and 6, shown in **Table 11-1**, above.

#### Level 5 – MS4 Discharge Quality Assessment

The City’s MS4 discharge water quality can be evaluated through various permit-designated programs such as the Coastal Storm Drain Monitoring (CSDM) and Dry Weather Monitoring (DWM) Programs. The City monitors seven (7) coastal outfalls on a monthly basis for the CSDM Program, and collects and analyzes urban runoff for indicator bacteria. Samples from coastal outfalls are collected when observed to be flowing. **Table 11-9** highlights the mean indicator bacteria concentrations at the City’s coastal outfalls during the previous four program years. Although the concentration data is variable, the fewest samples per monitoring event were taken during the 2011-2012 program year. Less urban runoff was observed during this period, suggesting less impact to the City’s beaches.

**Table 11-9:** CSDM Indicator Bacteria Concentrations in Coastal Outfall Samples

Program Year*	Mean Concentrations (MPN/100mL)			Mean Samples/Month
	Total Coliform	Fecal Coliform	Enterococcus	
2008-2009	43,767	3,059	879	4.2
2009-2010	14,462	3,720	1,081	5.0
2010-2011	22,555	8,110	432	6.7
2011-2012	32,654	4,132	1,063	3.4

\*CSDM Program Year is from October to September of the following year

#### Level 6 – Receiving Water Quality Assessment

Receiving Water Quality can be evaluated through municipal and regional monitoring programs. The County of San Diego Department of Environmental Health (DEH) monitors the receiving water at three (3) beaches within the City’s jurisdiction between the San Dieguito and Los Peñasquitos Lagoons. **Table 11-10** presents beach postings at AB411 beaches between 2009 and September 2012. There were 9 postings at FM-100, 8 postings at EH-380, and 1 posting at EH-360 during the timeframe.

**Table 11-10: AB411 Exceedances**

Station	Patrol Date	2009	2010	2011	2012*	Total
EH-360	Powerhouse Park/15 <sup>th</sup> Street Del Mar	1	0	0	0	1
EH-380	San Dieguito River Beach Del Mar	4	3	1	0	8
FM-100	Torrey Pines State Beach	0	4	3	2	9
<b>Total</b>		<b>5</b>	<b>7</b>	<b>4</b>	<b>2</b>	<b>18</b>

\*2012 data represents January 2012 to September 2012

Receiving water samples are also collected and analyzed through the City's CSDM program. Per the Permit, the City collects receiving water samples as part of the CSDM program only when urban runoff from one of the seven outfalls reaches the Pacific Ocean. Receiving water samples analyzed from the 2011-2012 program year contained the lowest concentrations of the three indicator bacteria when compared to samples taken during the previous three years. The current year also had the lowest average number of samples taken per month, suggesting that less urban runoff is reaching and potentially impacting the receiving water (and thus being sampled per program protocol).

**Table 11-11: CSDM Indicator Bacteria Concentrations in Receiving Water Samples**

Program Year*	Mean Concentrations (MPN/100mL)			Mean Samples/Month
	Total Coliform	Fecal Coliform	Enterococcus	
2008-2009	8,676	23	21	1.3
2009-2010	31	13	8	1.2
2010-2011	301	21	11	1.5
2011-2012	17	8	6	0.67

\*CSDM Program Year is from October to September of the following year

### Integrated Program Planning

The City will continue to adapt its program based upon assessments of the baseline program and the BMP efficiencies. These two assessments and their resulting changes to the City's program are described below.

#### *Baseline BMP Assessment*

During the reporting period, the City met its targeted outcomes. Based upon this key assessment, the City does not plan to make modifications to its Baseline BMP implementation.

#### *Adaptive Management*

During Fiscal Year 2012, the City met with other Copermittees, through WURMP meetings and other forums, and continued to discuss pilot and special studies conducted during past and present reporting periods. During the Fiscal Year 2012 reporting period, the City of Del Mar applied adaptive management to their program through the use of patrolling inspections.

The program modifications have been included as a FY 2012 WURMP Activity to assess the effectiveness of revised inspection processes, which includes more frequent patrol property-based inspections. The City has found that it can inspect a significantly greater portion of the community on a more frequent basis using the patrolling inspections, while remaining within program budget. A summary of the results have been presented in the previous components of

this report, and additional information and results will be presented in the FY 2012 WURMP Annual Reports.

## 12. JURMP REVISIONS

In order to reflect changes to the City’s inspection process, the following updates were made to the City of Del Mar’s 2008 JURMP document. The revisions were made to portions of the Industrial/Commercial Component (Section 7 of the 2008 JURMP) and IDDE Component (Section 9 of the 2008 JURMP). These modifications are summarized in **Table 12-1** below. The redlined revised versions of Section 7, Section 9, Appendix 7-D, and Appendix 7-G of the 2008 JURMP are included in **Appendix K**.

**Table 12-1:** Summary of FY 2012 Revisions to 2008 JURMP

2008 JURMP Section	FY 2012 Revisions
Industrial and Commercial Component, Section 7.2.5	Section 7.2.5 – Inspection of Industrial Facilities: Revised language for patrolling inspections, reporting and follow-up procedures
Industrial and Commercial Component, Section 7.3	Section 7.3 – Stationary Commercial Sources: Revised inventory prioritization, inspections, reporting and follow-up procedures
Industrial and Commercial Component, Appendix 7-D	Appendix 7-D – Industrial Facility Inspection Procedures: Revised description of industrial inspections, follow-up, and enforcement
Industrial and Commercial Component, Appendix 7-G	Appendix 7-G – Stationary Commercial Facility Inspection Procedures: Revised description of industrial inspections, follow-up, and enforcement
Illicit Discharge Detection and Elimination Component, Section 9.4.4	Section 9.4.4 – Coastal Storm Drain Monitoring: Additional language regarding Sampling Frequency Reduction Criteria (SFRC) sites within the City for reduced monitoring

Revisions to the 2008 JURMP focus primarily around the City’s patrolling inspections. With the implementation of the new inspection procedures, the commercial/industrial inventory was modified to accommodate additional information, cataloging all properties involved in commercial and/or industrial land uses. The new property-based inventory lists high priority businesses as tenants within their respective property (see Section 7.3 of the revised 2008 JURMP).

Section 9 of the 2008 JURMP was also updated to reflect changes to the Coastal Storm Drain Monitoring (CSDM) program. Three (3) of the City’s coastal outfalls have met the sampling frequency reduction criteria (SFRC) established by the CSDM Copermittees and thus will be monitored every other month per Section II.A.6.b. of the Permit’s Receiving Waters and Urban Runoff Monitoring and Reporting Program.

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## **13. CONCLUSIONS AND RECOMMENDATIONS**

During the Fiscal Year 2012 reporting period, the City of Del Mar implemented the Municipal Permit requirements and the activities described in the City's 2008 JURMP. The City continues to support a comprehensive stormwater management program, with an integrated assessment approach through the implementation of the JURMP. This Annual Report documents the City's efforts to implement the various JURMP components, and these activities and their compliance are reflected in Program Assessment tables contained in the Effectiveness Assessment addressed in Section 11.

This section draws conclusions from the collected data contained in this Annual Report, and makes appropriate recommendations based on the review of program implementation during the Fiscal Year 2012 reporting period.

### **13.1 RECOMMENDATIONS AND PROGRAM MODIFICATIONS**

The City's Clean Water Program continued to evolve during the Fiscal Year 2012 reporting period, through revising implementation techniques and tracking and reporting mechanisms. The City remains committed to working with its staff, other Copermittees, and the Regional Board to continue improving and adapting its program and make all efforts necessary to comply with the Permit requirements while improving water quality. With the feedback mechanisms and comprehensive assessment programs in place, future modifications may be required to make sure that the City's program continues to be effective.

As indicated in the City's 2008 JURMP, the City's Clean Water Program will require periodic revision. The City made the following modifications to its program during the reporting period:

- Inspection of Industrial Facilities (Section 7.2.5): Revised language for patrolling inspections, reporting and follow-up procedures;
- Stationary Commercial Sources (Section 7.3): Revised inventory prioritization, inspections, reporting and follow-up procedures;
- Industrial Facility Inspection Procedures (Appendix 7-D): Revised description of industrial inspections, follow-up, and enforcement;
- Stationary Commercial Facility Inspection Procedures (Appendix 7-G): Revised description of industrial inspections, follow-up, and enforcement; and
- Coastal Storm Drain Monitoring SFRC sites (Section 9.4.4): Added language to describe SFRC outfalls and reduced sampling frequency.

Some of the key recommendations for program implementation during Fiscal Year 2013 are as follows:

- Continue implementation of the City's 2008 JURMP;
- Continue improvements to activity/document tracking systems through database revisions and implementation;
- Continued assessment of the operating procedures as related to the City's 2008 JURMP, focusing particularly on field implementation of the requirements, and whether the efficiency of implementation can be improved;
- Continue to engage and involve the community in the program implementation through increased personal contact, inspection letters, residential patrols, and enhancements to the City's website; and
- Continue to coordinate with the Regional Copermittees for consistent and updated approaches to program implementation.

### **13.2 CONCLUSIONS**

During Fiscal Year 2012, the City has been successful at implementing the Clean Water Program. The City modified the 2008 JURMP in order to employ new program elements such as the patrolling inspections and property-based commercial/industrial inventory. These new elements have reinforced the Clean Water Program's influence in the public sphere, and have allowed for new educational and outreach opportunities with residents, local businesses, and property owners. In the future, the City will continue to reevaluate its program and use feedback from the general public and City staff in order to improve and best protect the water quality at the local beaches and lagoons.

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# **Appendix A**

## **Development Planning SUSMP Projects**

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Appendix A - Development Planning Applications Process During FY 2012 with SUSMP Review

*Administrative Design Review Permits REVIEWED between 7/1/2011 to 6/30/2012*

Parcel #	St. #	Street Name	Project Name	Project #	Comments
300-410-33	1155	Cuchara	Wohlford- Kidd	DRB-08-33 AD MOD	minor project-no significant surface disturbance
300-252-16	635	Hoska	Wilson/Hook	ADR-11-23	minor project-no significant surface disturbance
299-021-09	2704	Ocean Front Ave	Harris	ADR-11-24	minor project-no significant surface disturbance
301-024-37	296	Ocean View Ave	Todd	ADR-11-25	minor project-no significant surface disturbance
300-072-04	141	13th Street	Brown	ADR-11-26	minor project-no significant surface disturbance
299-310-17-06	1552	Camino del Mar #405	Spatrano	ADR-11-27	minor project-no significant surface disturbance
300-222-06	333	9th Street	Hillenbrand	ADR-11-28	minor project-no significant surface disturbance
299-146-17	1912	Ocean Front Ave	Hayward	ADR-11-29	minor project-no significant surface disturbance
		11th Street	City of Del Mar	ADR-11-30	minor project-no significant surface disturbance
299-220-35	1720	Zapo	Friedlander	DRB-10-07 AD MOD	minor project-no significant surface disturbance
300-243-10	573	Amphitheatre	Sills	ADR-11-31	minor project-no significant surface disturbance
	221	20th Street	Dastin	ADR-11-32	minor project-no significant surface disturbance
301-022-05	144	Ocean View Ave	Bollman	ADR-11-33	minor project-no significant surface disturbance
301-025-11	425	Hidden Pines	Rice	ADR-11-34	minor project-no significant surface disturbance
299-091-13/04	225/226	24th and 25th Street	Donner	ADR-11-35	minor project-no significant surface disturbance
300-040-53	1440	Crest Road	Dunham	ADR-11-36	minor project-no significant surface disturbance
300-200-15	710	Camino del Mar	Pacifica Stratford	ADR-11-37	minor project-no significant surface disturbance
300-092-09	234	11th Street	Dutia	ADR-12-01	minor project-no significant surface disturbance
		Post Office	DM Garden Club	ADR-12-02	minor project-no significant surface disturbance
299-185-16	385	Bellaire	Rehfeld	ADR-12-03	minor project-no significant surface disturbance
298-241-08	3263	Camino del Mar	Brigantine	ADR-11-06 MOD	minor project-no significant surface disturbance
300-091-03-05	119-135	12th Street	Baldwin	ADR-12-03	minor project-no significant surface disturbance
300-012-08	1353	Stratford Ct	Olman	ADR-12-04	minor project-no significant surface disturbance
299-310-06-19	1552	Camino del Mar #532	1552 CDM, LLC	ADR-12-05	minor project-no significant surface disturbance
299-200-66	1450	Oribia Road	Achtel-Simek	ADR-12-06	minor project-no significant surface disturbance
299-131-05	2037	Coast Blvd	Russell	ADR-12-07	minor project-no significant surface disturbance
299-172-12	1963	Christy Lane	Humphreys	ADR-12-08	minor project-no significant surface disturbance
	220	12th Street	Hair Candy	ADR-12-09	minor project-no significant surface disturbance
299-200-19	1561	San Dieguito	Haydu	ADR-12-10	minor project-no significant surface disturbance
300-200-20	519	Stratford Ct	Marouf	ADR-12-11	minor project-no significant surface disturbance
300-221-16	416	9th Street	Wheeler	ADR-12-12	minor project-no significant surface disturbance
299-260-55	521	Avenida Primavera	Arya/Bloum	ADR-12-13	minor project-no significant surface disturbance
299-093-06	211	23rd Street	Rock	ADR-12-14	minor project-no significant surface disturbance

Appendix A - Development Planning Applications Process During FY 2012 with SUSMP Review

<i>Encroachment Permits <b>REVIEWED</b> between 7/1/2011 to 6/30/2012</i>					
<b>Parcel #</b>	<b>St. #</b>	<b>Street Name</b>	<b>Project Name</b>	<b>Project #</b>	<b>Comments</b>
300-182-12	120	6th Street	Ace Exec. Environmental	EP-11-15	sewer emergency
300-263-02	711	Amphitheatre	Next G	EP-11-16	new wireless node
300-181-07	730, 750	Stratford Ct	Deal	EP-11-17	underground utilities, driveway and alley imp.
300-182-10	132	6th Street	Frieder	EP-11-18	storage unit
N/A		Via de la Valle/Jimmy Durante	Cox Communication	EP-11-19	trenching utilities
N/A		Via de la Valle/Solana Circle	Pacific States Engineering	EP-11-20	replace a 12in valve on an existing waterline
300-390-03	431	Van Dyke	Hardke	EP-11-21	driveway/trench repair
300-030-17	463	15th	Kenyon	EP-11-22	underground electrical service
300-092-20	1105	Stratford Ct	McGuire	EP-11-23	gas line
300-072-22	119	13th Street	Ludey	EP-11-24	gas trench
N/A		14th Street & Camino del Mar	Institute for Public Health	EP-11-25	pedestrian / bike counter
N/A	512	Via de la Valle	Cox Communication	EP-11-26	trenching cable
300-091-09	140	11th Street	Arrow Pipeline	EP-12-01	gas line / sewer
300-181-16	140	7th Street	Vint	EP-12-02	gas line
N/A	1223	Crest Road	Next G	EP-12-04	new wireless node
299-172-18	1997	Zapo	Bardsey/Assi	EP-12-05	sewer conx, trench, street improvements
299-220-35	1720	Zapo	Friedlander	EP-12-06	street repairs
300-200-03	720	Camino del Mar	Del Mar Inn	EP-12-07	ada space restripe / city property
300-410-33	1155	Cuchara	Wohlford	EP-12-08	driveway
299-063-13	228	25th Street	Natrud Design/Donner	EP-12-09	crane in ROW
N/A	2265	Jimmy Durante Blvd	Marathon Construction	EP-12-10	using city lot for construction storage
301-021-02	116	Nob	Reid	EP-12-11	gas line/nsfr
300-091-12	118	11th Street	O'Brien	EP-12-12	driveway and street improvements
300-333-04	325	El Amigo	Daly	EP-12-13	new paver driveway
299-091-13	226	24th Street	Roto Rooter	EP-12-14	repair SD-35
299-290-27	1511	Forest Way	Baenziger	EP-12-15	storage of construction equip in alley
299-260-32	567	Serpentine Drive	Carney	EP-12-16	driveway
300-091-12	118	11th Street	O'Brien	EP-12-12 MOD	locate water tank in row underground
N/A		East side of Crest Rd	Next G	EP-12-17	overlash cable to ext to Stratford
N/A	201-211	15th Street	Johnson	EP-12-18	
299-280-38	410	15th Street	Gayler	EP-12-19	demo stairs row and repair grade and landscaping
300-030-17	463	15th Street	Kenyon	EP-12-20	street improvement
N/A	1050	Camino del Mar	Saturn Electric	EP-12-21	installation of EV chargers
N/A		17th Street	Beach Safety Center	EP-12-22	installation of EV chargers
N/A		15th Street at Camino del Mar	Crown Castle NG	EP-12-23	new wireless node
N/A	201	Court Street	US Peroxide	EP-12-24	

Appendix A - Development Planning Applications Process During FY 2012 with SUSMP Review

Parcel #	St. #	Street Name	Project Name	Project #	Comments
N/A		Various locations	Crown Castle NG	EP-12-25	wireless node upgrades
760-145-03	2260	Jimmy Durate Blvd	22nd DAA	EP-12-26	
	941	Camino del Mar	Stantec	EP-12-27	destroy monitoring wells
299-093-06	211	23rd Street	Rock	EP-12-28	wall in ROW

*Design Review Board Permits **REVIEWED** between the dates of 7/1/2011 to 6/30/2012*

Parcel #	St. #	Street Name	Project Name	Project #	Comments
299-021-06	2728	Ocean Front Ave.	McGaughy	DRB-11-14	NSFR with basement
300-222-08	343	9th Street	Garrett	DRB-11-15	addition
299-280-38	410	15th Street	Gayler	DRB-11-16	addition
299-072-16	2801	Gatun	Mazur	DRB-11-17	addition
300-072-22	119	13th Street	Luddy	DRB-10-21 MOD	
300-030-17	463	15th Street	Kenyon	DRB-09-07 AD MOD	rood mod, ac units, bbq
300-180-07	157-159	8th Street	Deal	DRB-08-20 AD MOD	change in material wood fence to block
299-072-10	2160	Balboa	PDMI, LLC	DRB-11-18	NSFR
300-251-01	505	Tewa	Miller	DRB-11-19	addition
300-410-34	428	10th Street	Porter	DRB-11-20	addition / remodel
300-410-35	444	10th Street	DMIG #1	DRB-11-21	WITHDRAWN
300-410-21	456	10th Street	Francis	DRB-11-22	remodel
301-320-04	250	Stratford Park Circle	Lonbom	DRB-11-23	remodel
301-022-04	156	Ocean View Ave.	Sze	DRB-11-24	addition / remodel
299-097-14	2211	Ocean Front Ave.	Garber	DRB-11-25	second-story addition
299-185-16	385	Bellaire	Rehfeld	DRB-10-07 AD MOD 2	window and fence
300-241-08	550	Amphitheatre	Wendland	DRB-12-01	second-story addition
299-147-20	1840	Coast Blvd	Fakhimi	DRB-12-02	remodel
300-072-06	148	12th Street	Belk	DRB-12-03	NSFR
299-185-01	307	Bellaire	Rosenthal-Sims	DRB-12-04	remodel
300-030-76	480	Carolina	Wheelock	DRB-12-05	deck
300-410-35	444	10th Street	DMIG #1	DRB-12-06	NSFR
299-230-01	1700	Coast Blvd	City of Del Mar	DRB-09-03 AD MOD	trellises
301-024-37	296	Ocean View Ave.	Todd	DRB-12-08	trellis
300-222-04-02	327	9th Street	Hudson	DRB-12-09	
300-251-10	560	Orchid Lane	Rafferty	DRB-10-23 AD MOD	landscape
299-136-07	2024	Ocean Front Ave.	Cooper	DRB-12-10	NSFR w basement
300-321-34	915	Camino del Mar	AT&T	DRB-12-11	wireless antenna
300-040-45	627	15th Street	Chloe Grey Trust	DRB-10-20 AD MOD	pool, wood fence, roof height increase
299-097-14	2211	Ocean Front Ave.	Garber	DRB-11-25 AD MOD	entry gable, bbq, windows
299-280-38	410	15th Street	Gayler	DRB-11-16 AD MOD	new washer/dryer pop out

Appendix A - Development Planning Applications Process During FY 2012 with SUSMP Review

Parcel #	St. #	Street Name	Project Name	Project #	Comments
299-260-17	347	Serpentine	347 Serpentine, LLC	DRB-12-12	
300-251-08	543	Tewa	Voss	DRB-12-13	addition to NSFR

*Land Conservation Permits **REVIEWED** between the dates of 7/1/2011 and 6/30/2012*

Parcel #	St. #	Street Name	Project Name	Project #	Comments
299-072-10	2160	Balboa	PDMI, LLC	LC-11-05	grading
300-200-25	710	Camino del Mar	Hotel Indigo - parking	LC-11-07 AD	grading
300-410-35	444	10th Street	DMIG #1	LC-12-01	grading

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**Appendix B**  
**Watershed Based Construction Inventory**

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Appendix B - FY 2012 Watershed Based Construction Inventory

Planning File #	Site Name	Number	Street	Hydrologic Unit	Description of Activity	Receiving Waterbody	303(d) Listed Waterbody
<b>High and Medium Priority Construction Projects</b>							
No Planning File	21st Street Pump Station		21st St. & Court St.	San Dieguito	CIP - replace pump station	Pacific Ocean	No
DRB-09-04	Batchelder	100	Stratford Ct.	Los Peñasquitos	home remodel and grading	Pacific Ocean	No
DRB-09-09	Handzel	100	12th Street	San Dieguito	NSFR with basement	Pacific Ocean	No
DRB-08-27	Pacifica Stratford	615/617	Stratford Ct.	San Dieguito	new duplex	Pacific Ocean	No
DRB-08-28	Pacifica Stratford	605/607	Stratford Ct.	San Dieguito	new duplex	Pacific Ocean	No
DRB-08-29	Pacifica Stratford	555/557	Stratford Ct.	San Dieguito	new duplex	Pacific Ocean	No
No Planning File	N. Torrey Pines Bridge		N. Torrey Pines Road	Los Peñasquitos	CIP - bridge retrofit	Los Peñasquitos Lagoon	Bacteria, Sediment
<b>Low Priority Construction Projects</b>							
No Planning File	17th Street Beach Safety Center	1700	Coast Blvd.	San Dieguito	CIP - replace lifeguard tower	Pacific Ocean	No
No Planning File	2012 Street and Drainage	Various	Camino del Mar	San Dieguito	CIP - street and sidewalk repair	Pacific Ocean	No
DRB-09-16	Assi	1997	Zapo Street	San Dieguito	NSFR	Pacific Ocean	No
DRB-11-01	Bacha	2104	Christy Lane	San Dieguito	home remodel	San Dieguito Lagoon	Bacteria
DRB-11-08	Baenziger	1511	Forest Way	San Dieguito	NSFR	Pacific Ocean	No
DRB-98-32 Mod	Bakker	335	La Amatista	San Dieguito	remodel and addition	Pacific Ocean	No
DRB-10-08	Bingham	150/152	11th Street	San Dieguito	NSFR and second unit	Pacific Ocean	No
12-068	Bloum	505	Avenida Primavera	San Dieguito	home remodel	Pacific Ocean	No
ADR-11-06	Brigantine Del Mar	3263	Camino del Mar	San Dieguito	commercial remodel	San Dieguito Lagoon	Bacteria
DRB-10-24	Campbell	334	Hidden Pines Rd.	Los Peñasquitos	home remodel	Pacific Ocean	No
ADR-11-07	Cassidy	2614	Ocean Front	San Dieguito	home remodel	San Dieguito Lagoon	Bacteria
DRB-10-20	Chloe Grey	627	15th Street	San Dieguito	home remodel	Pacific Ocean	No
DRB-10-13	Collins	139	18th Street	San Dieguito	home remodel	Pacific Ocean	No
12-022	Collins	154	9th Street	San Dieguito	home remodel	Pacific Ocean	No
DRB-08-20	Deal	157/159	8th Street	San Dieguito	NSFR with basement - 2 detached	Pacific Ocean	No
11-131	Doliva	1782	Sea View Ave	San Dieguito	home remodel	Pacific Ocean	No
DRB-10-04	Fermanian	2430	Ocean Front	San Dieguito	home remodel and new roof	San Dieguito Lagoon	Bacteria
12-035	Friedlander	1720	Zapo Street	San Dieguito	home remodel	Pacific Ocean	No
DRB-11-25	Garber	2211	Ocean Front	San Dieguito	home remodel	Pacific Ocean	No
DRB-11-16	Gayler	410	15th Street	San Dieguito	home remodel	Pacific Ocean	No
DRB-84-52	Gillies	2136	San Dieguito Dr.	San Dieguito	NSFR	San Dieguito Lagoon	Bacteria
DRB-08-43	Hardke	431	Van Dyke Ave.	San Dieguito	NSFR w/ basement and pool	Pacific Ocean	No
DRB-11-13	Hayward	1912	Ocean Front	San Dieguito	home remodel	Pacific Ocean	No
DRB-04-15	Hilliard	1492	Crest Rd.	San Dieguito	site improvements	Pacific Ocean	No
DRB-10-19	Hotel Indigo	710	Camino del Mar	San Dieguito	hotel/commercial remodel	Pacific Ocean	No
DRB-11-09	Irish	150	10th Street	San Dieguito	NSFR	Pacific Ocean	No
DRB-09-07	Kenyon	463	15th Street	San Dieguito	NSFR w/ basement	Pacific Ocean	No
DRB-08-03	Kirkpatrick	1101	Klish Way	San Dieguito	home remodel/addition	Pacific Ocean	No
DRB-05-24	Klipstein	415	Torrey Pointe Rd.	Los Peñasquitos	NSFR w/ basement	Los Peñasquitos Lagoon	Bacteria, Sediment

Appendix B - FY 2012 Watershed Based Construction Inventory

Planning File #	Site Name	Number	Street	Hydrologic Unit	Description of Activity	Receiving Waterbody	303(d) Listed Waterbody
DRB-10-21	Luddy	119	13th Street	San Dieguito	home remodel	Pacific Ocean	No
DRB-08-27	Mankwitz	420	Luzon Ave.	San Dieguito	NSFR	San Dieguito Lagoon	Bacteria
DRB-11-17	Mazur	2081	Gatun	San Dieguito	home remodel	San Dieguito Lagoon	Bacteria
DRB-04-13	McGuire	1105	Stratford Ct.	San Dieguito	home remodel	Pacific Ocean	No
DRB-11-24	Miller	505	Tewa Court	San Dieguito	home remodel	Pacific Ocean	No
DRB-10-11	Milligan	1382	Via Alta	San Dieguito	home remodel and landscape	Pacific Ocean	No
DRB-06-23	Oliphant	2020	Santa Fe Ave.	San Dieguito	NSFR	Pacific Ocean	No
DRB-08-12	Parker-O'Brien	116/118	11th Street	San Dieguito	NSFR	Pacific Ocean	No
DRB-11-20	Porter	428	10th Street	San Dieguito	home remodel	Pacific Ocean	No
DRB-10-07	Rehfeld	385	Belaire St.	San Dieguito	NSFR	Pacific Ocean	No
DRB-08-06	Reid	116	Nob Ave.	Los Peñasquitos	NSFR	Pacific Ocean	No
DRB-10-22	Rowe	538	Amphitheatre Dr.	San Dieguito	home remodel	Pacific Ocean	No
ADR-11-25	Todd	296	Ocean View	Los Peñasquitos	home remodel and roof	Pacific Ocean	No
11-170	Unknown	635	Hoska	San Dieguito	home remodel	Pacific Ocean	No
No Planning File	Unknown	1210	Camino del Mar	San Dieguito	parking lot, sidewalk	Pacific Ocean	No
DRB-09-14	Vint	140	7th Street	San Dieguito	NSFR with basement	Pacific Ocean	No
DRB-08-33	Wohlford-Kidd	1155	Cuchara Drive	San Dieguito	home remodel	Pacific Ocean	No

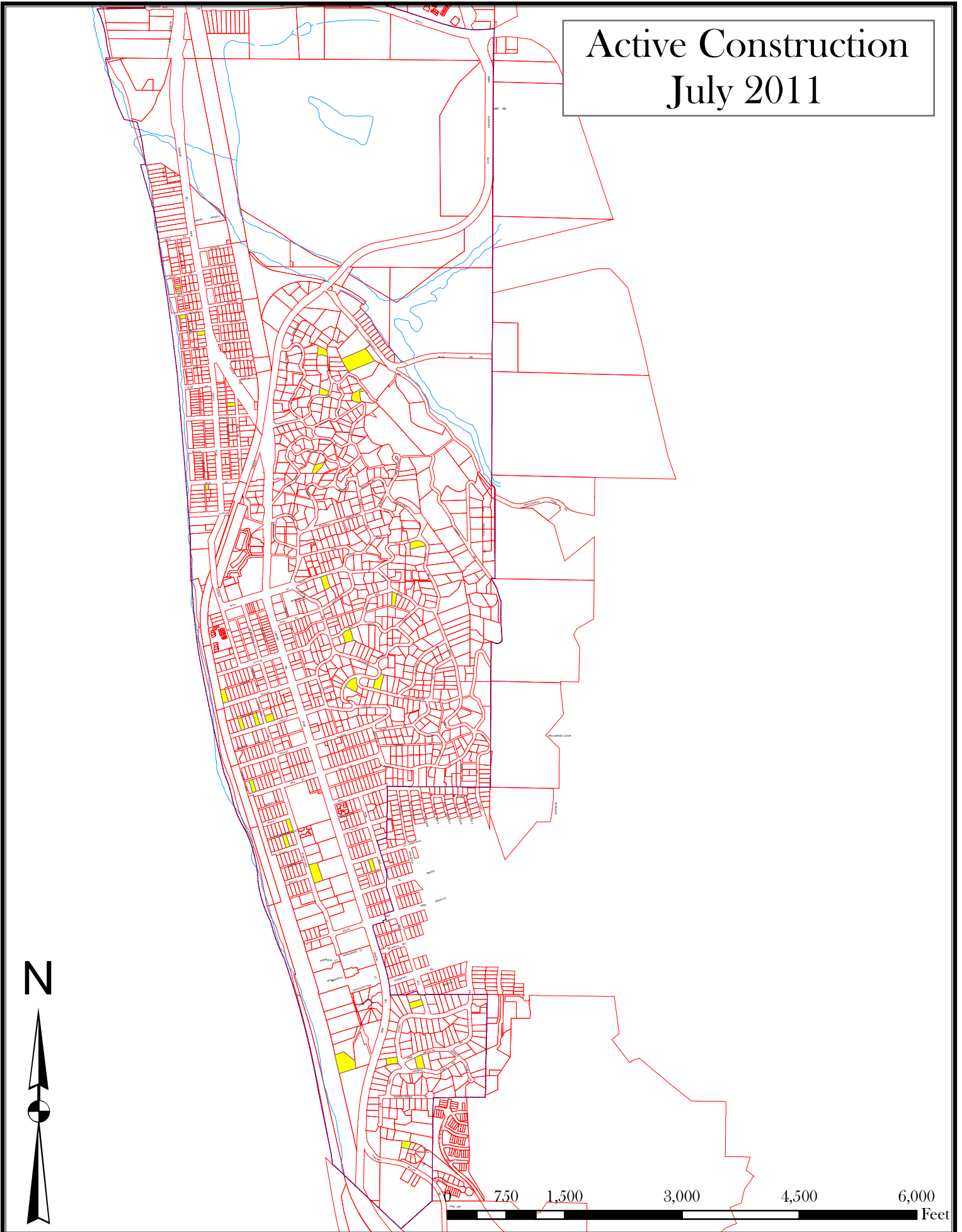
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**Appendix C**  
**FY 2012 Construction Inventory Mapping**

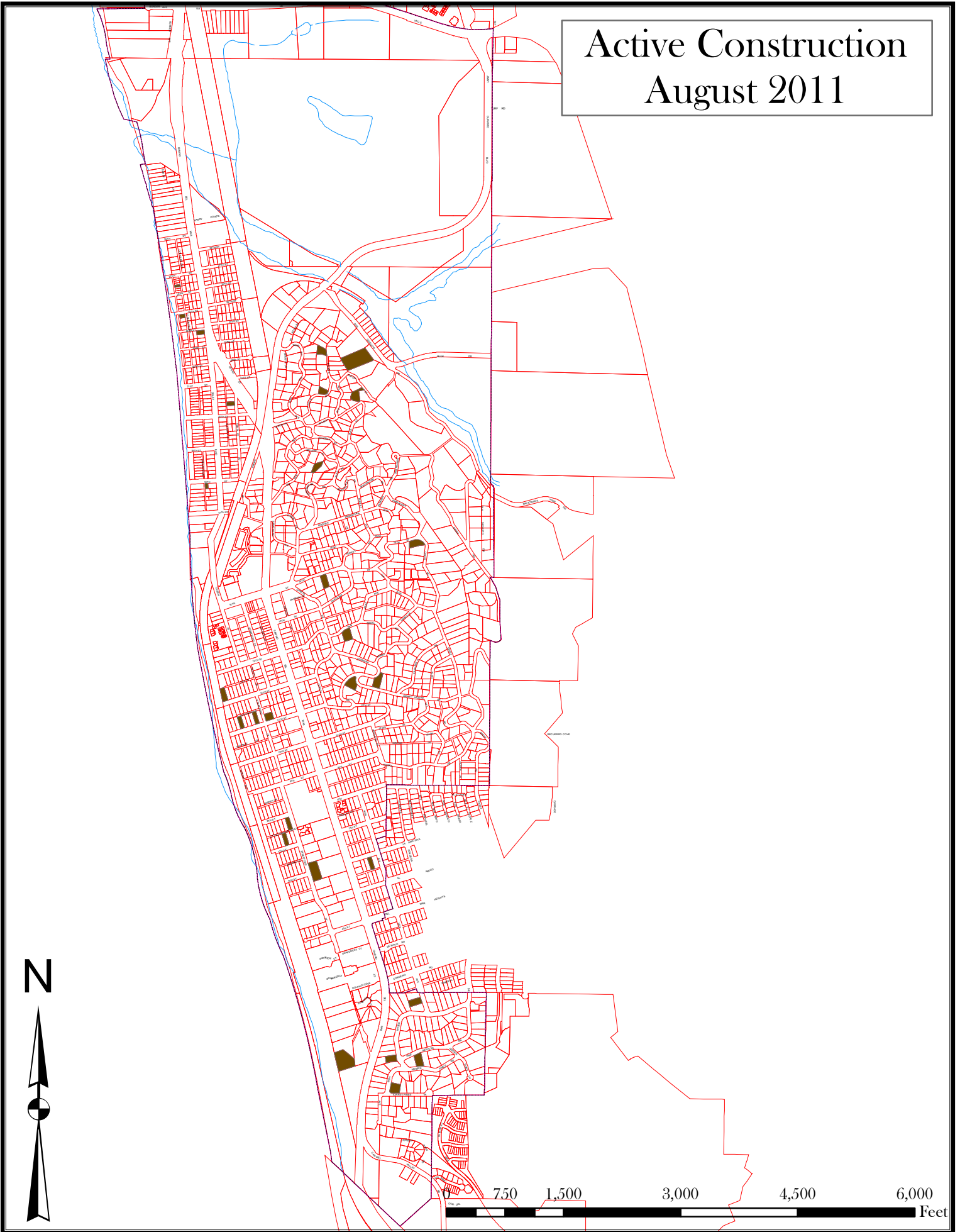
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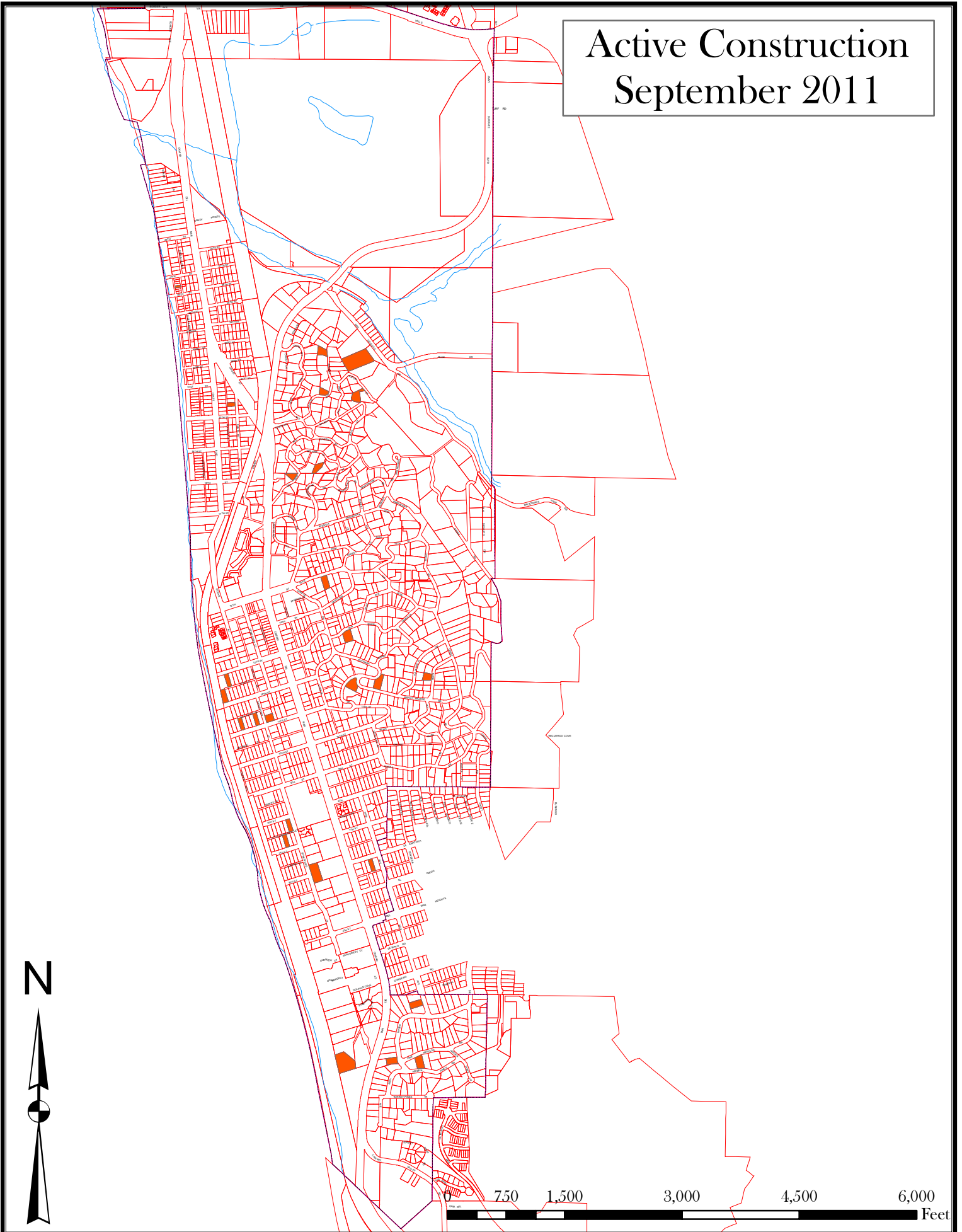
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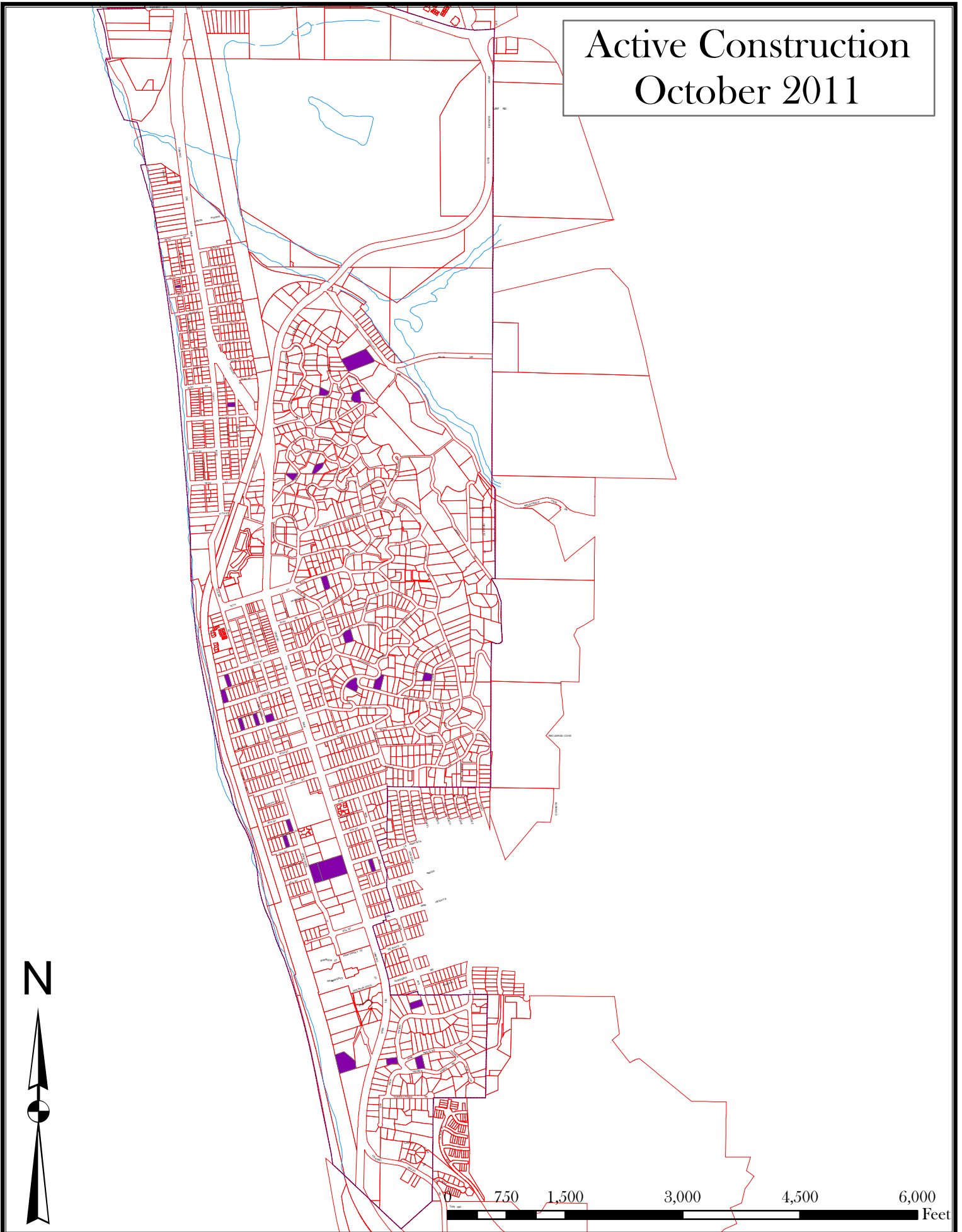
# Active Construction August 2011



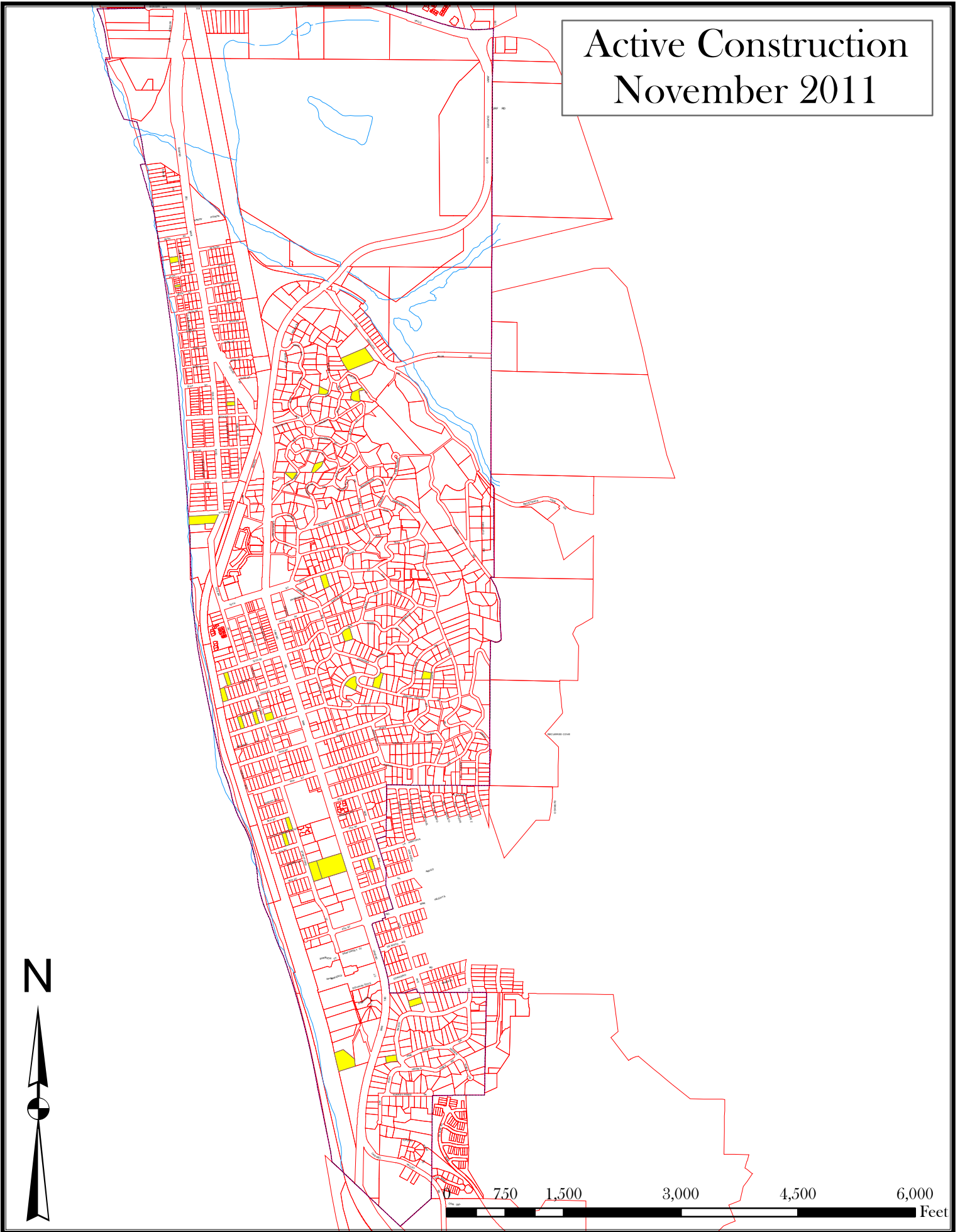
# Active Construction September 2011



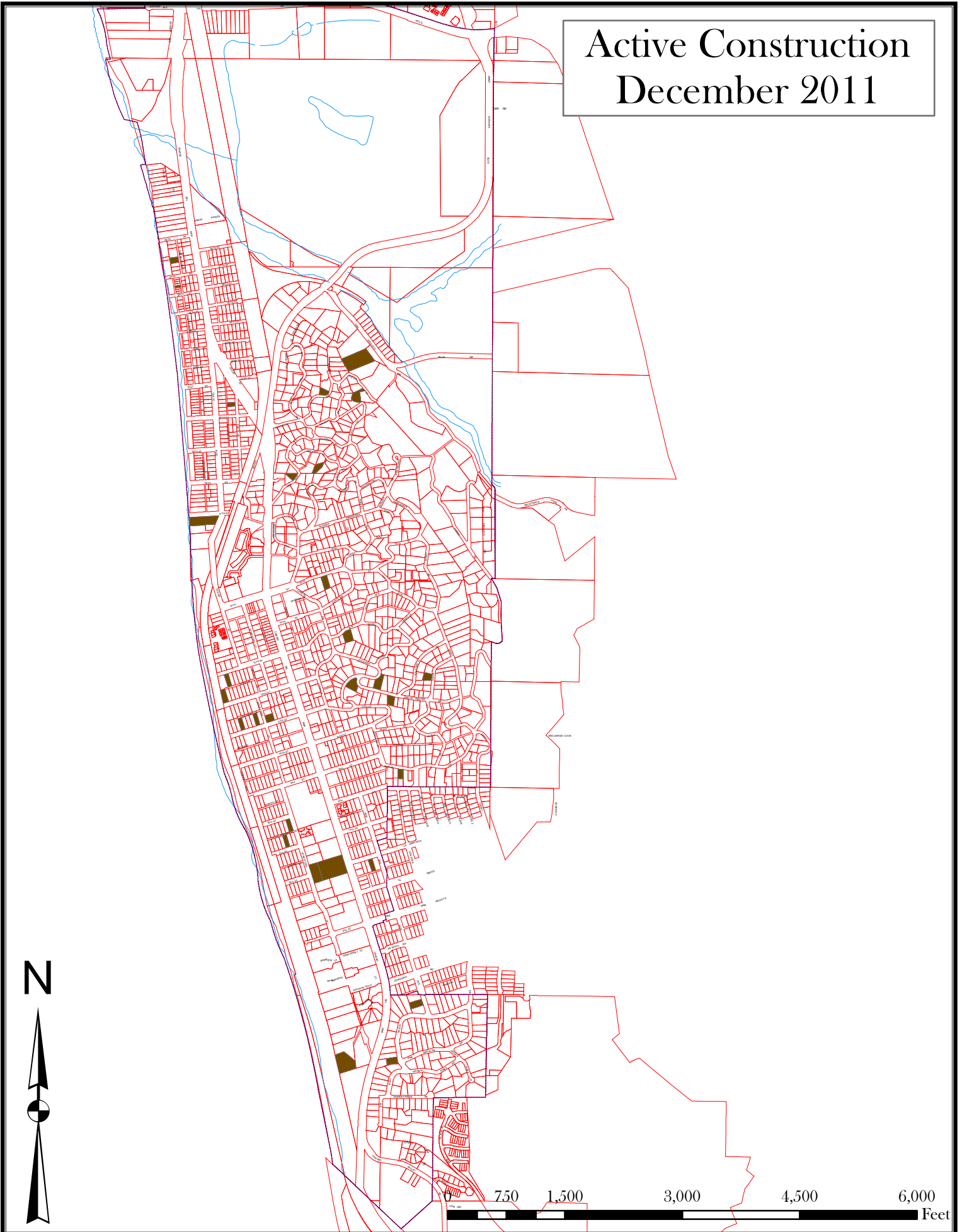
# Active Construction October 2011



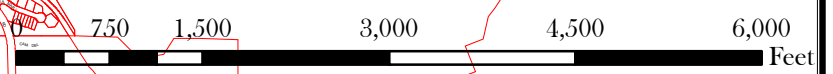
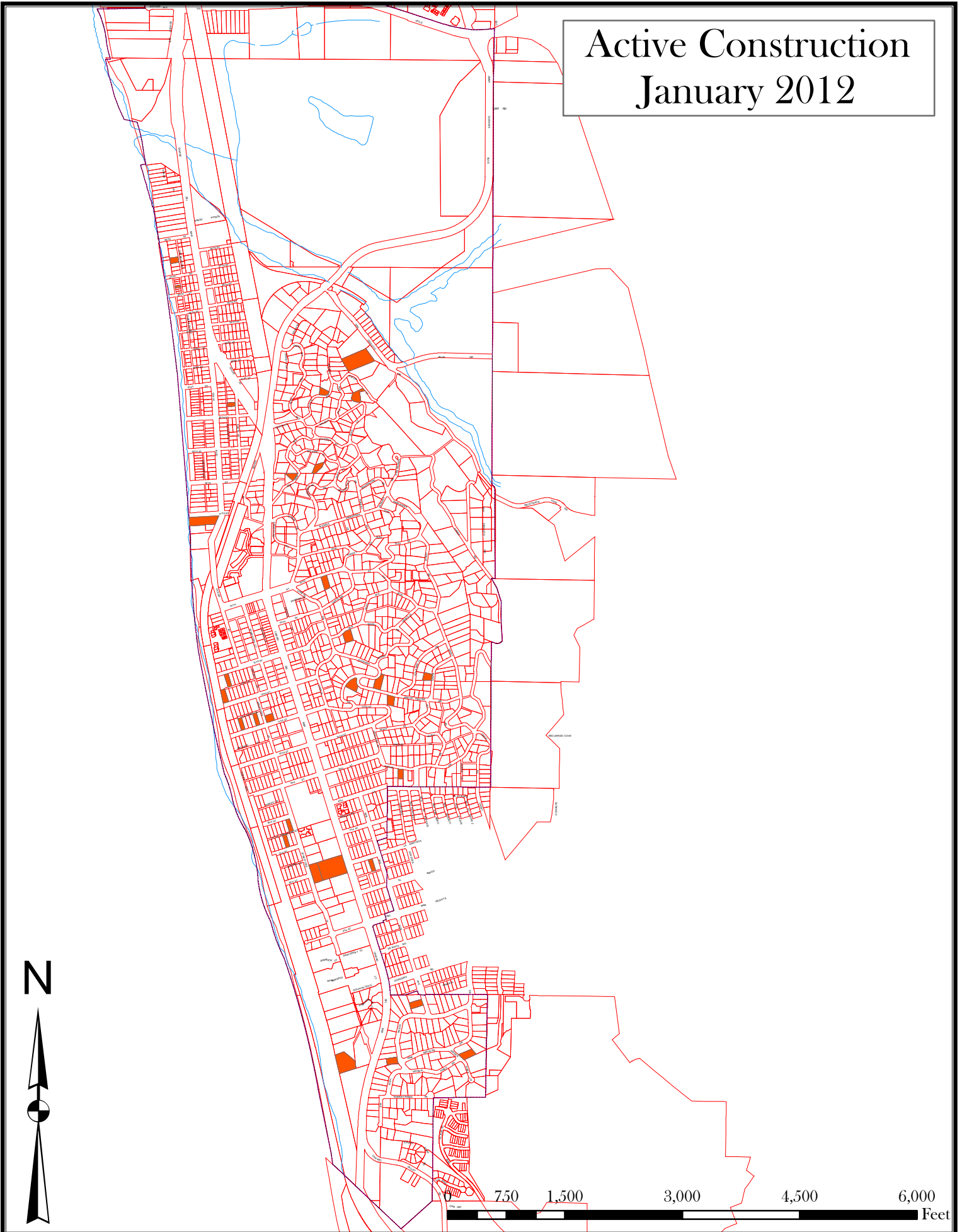
# Active Construction November 2011



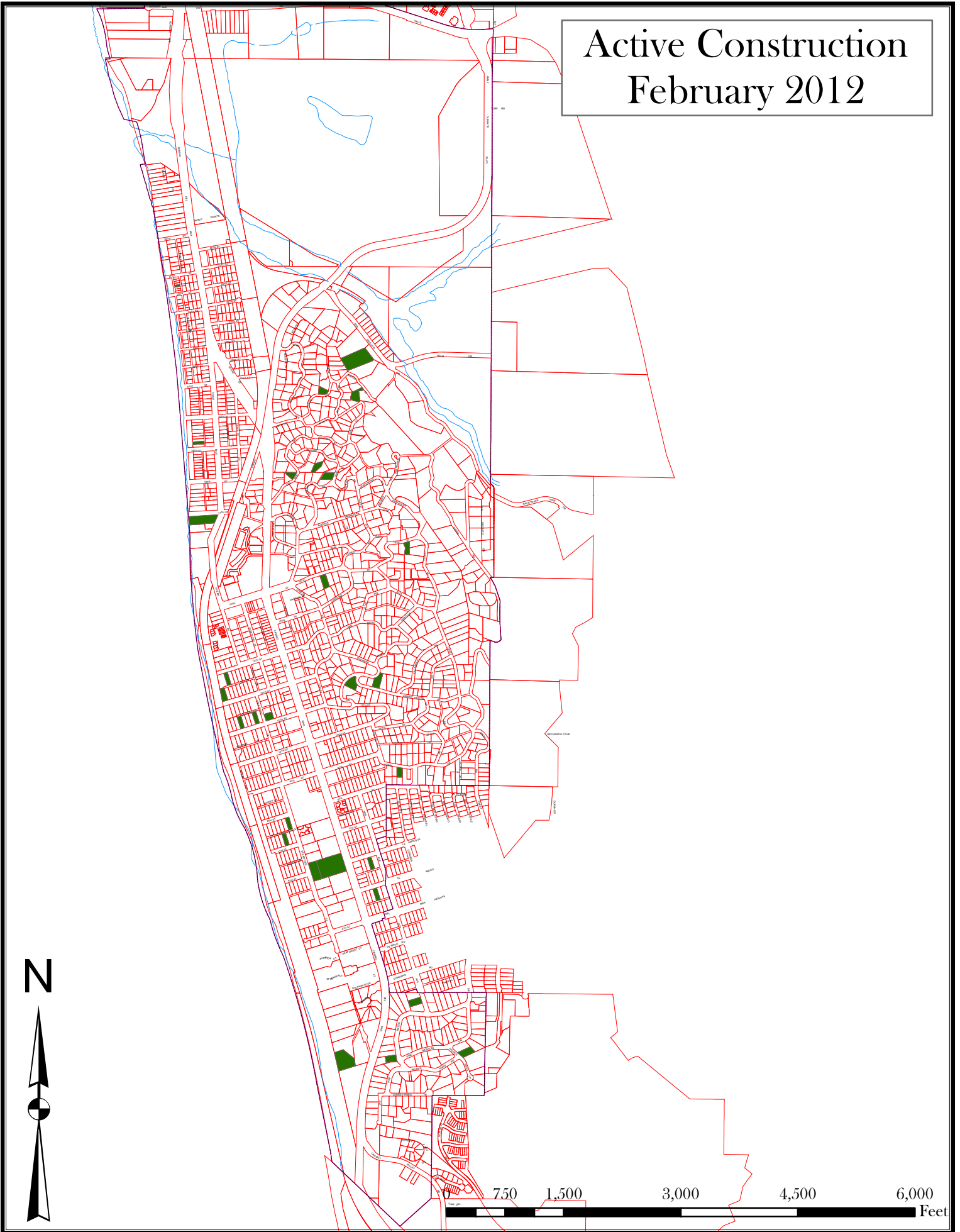
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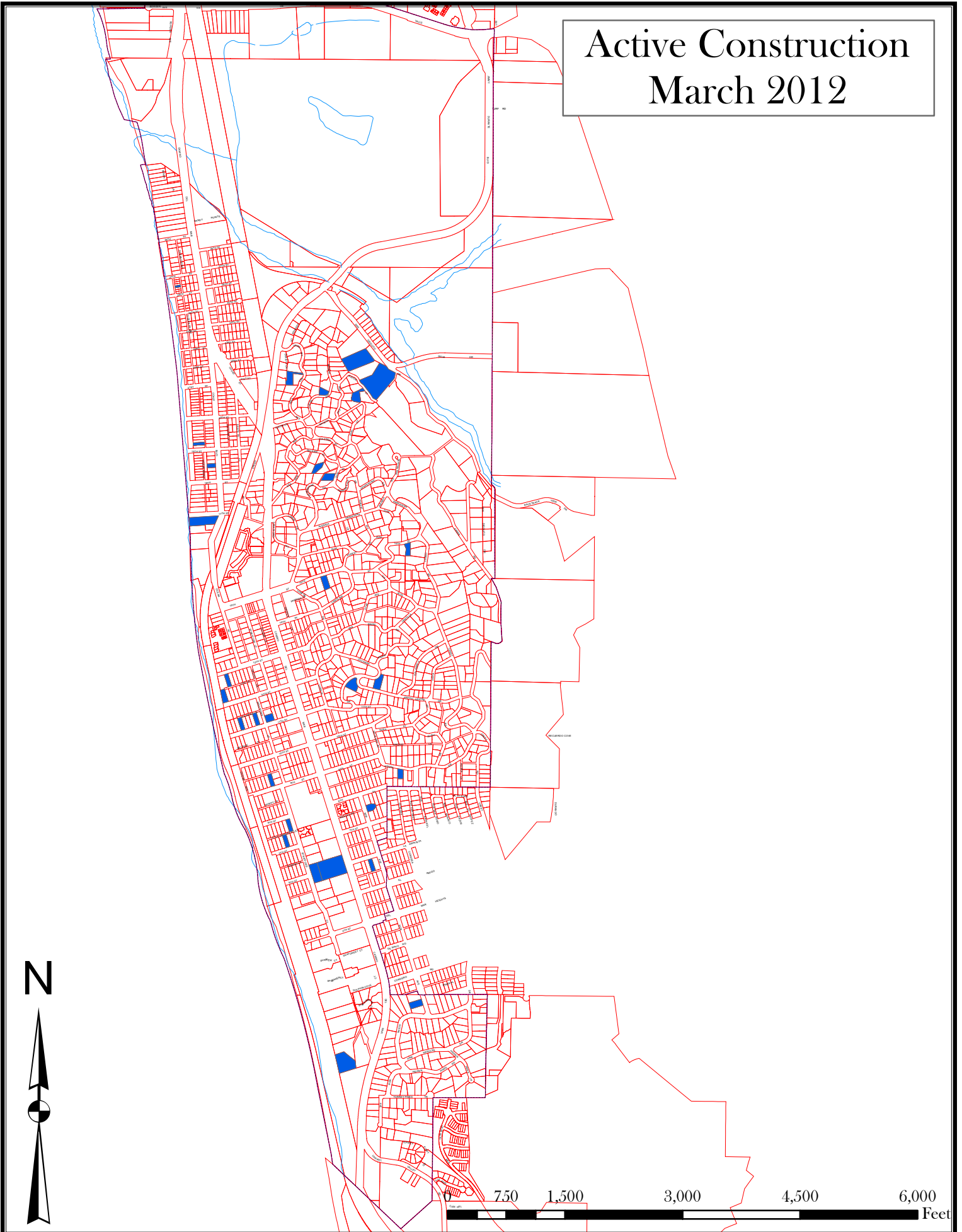
# Active Construction January 2012



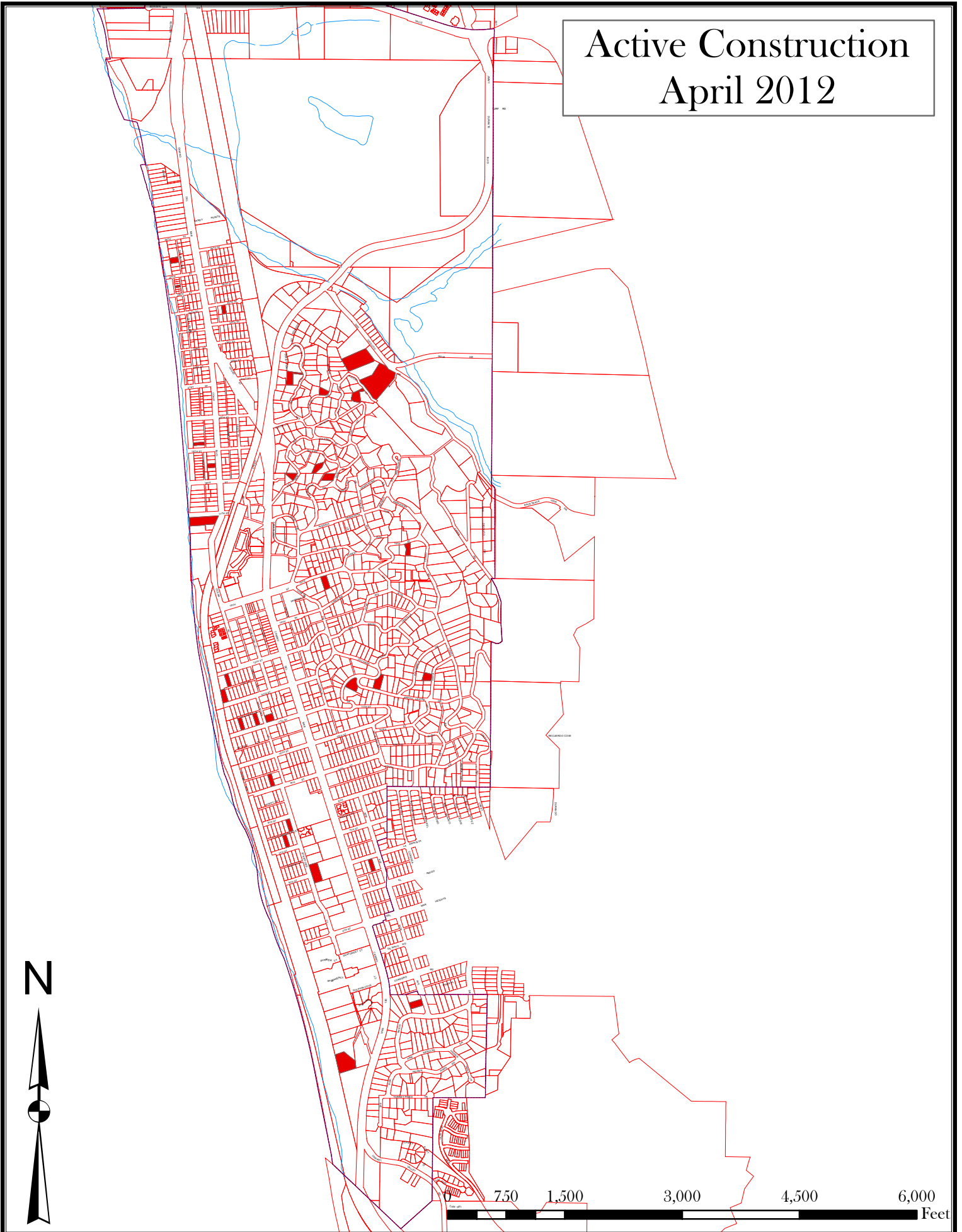
# Active Construction February 2012



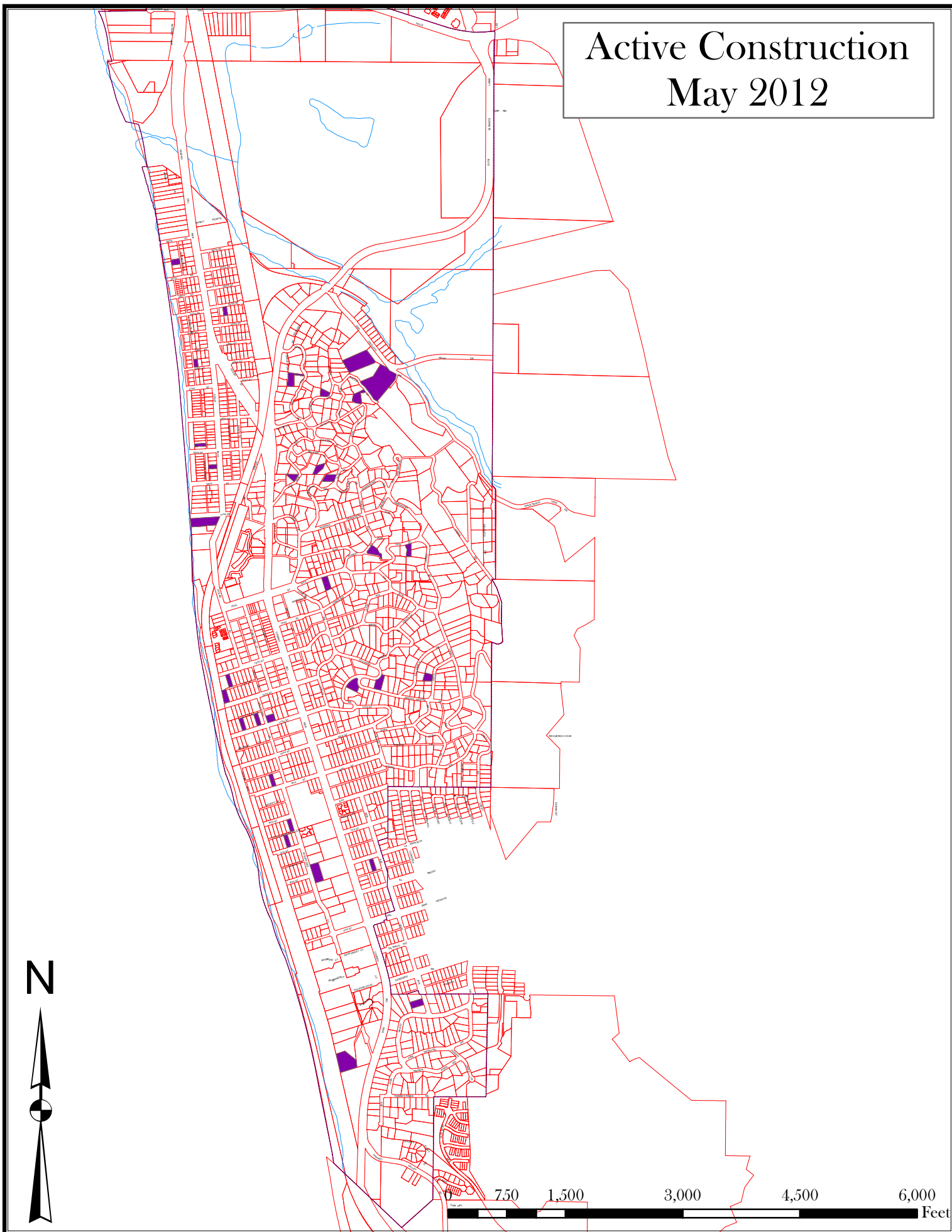
# Active Construction March 2012



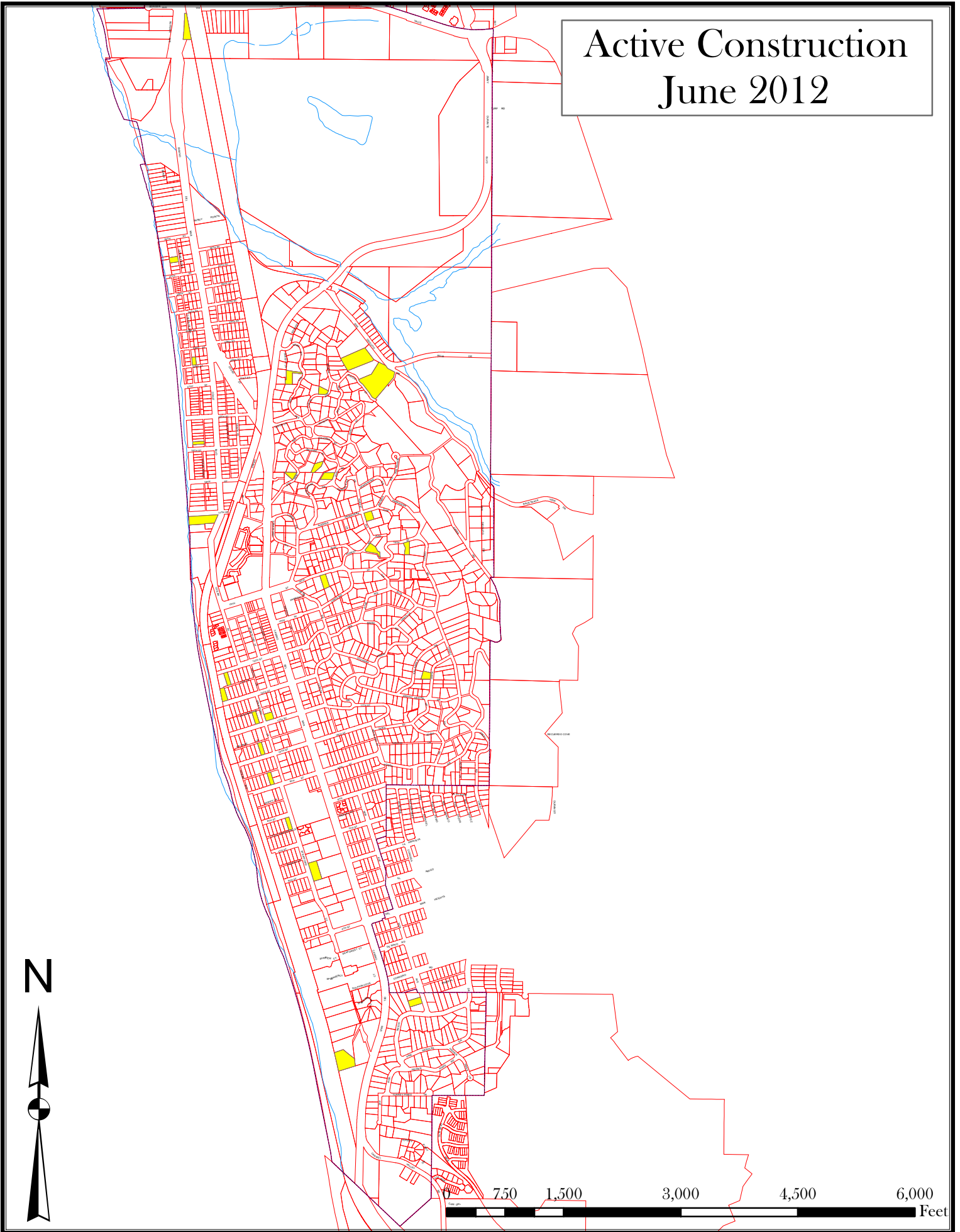
# Active Construction April 2012



# Active Construction May 2012



# Active Construction June 2012



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## **Appendix D**

# **Construction Inspections Summary Table**

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Appendix D - FY 2012 Construction Inspection Summary Table

Planning File #	Site Name	Street No.	Street Name	Hydrologic Unit	Description of Activity	Receiving Waterbody	303(d) Listed Waterbody	Start Date	End Date	Weeks Active (Wet)	Weeks Active (Dry)	No. Inspections (Wet)	No. Inspections (Dry)	Total Inspections
<b>High and Medium Priority Construction Projects</b>														
No Planning File	21st Street Pump Station		21st Street & Court Street	San Dieguito	CIP - replace pump station	Pacific Ocean	No	1/4/2011	3/30/2012	26	14	16	2	18
DRB-09-04	Batchelder	100	Stratford Ct.	Los Peñasquitos	home remodel and grading	Pacific Ocean	No	7/1/2009	Active	30	22	17	3	20
DRB-09-09	Handzel	100	12th Street	San Dieguito	NSFR with basement	Pacific Ocean	No	10/18/2010	Active	30	22	17	4	21
DRB-08-27	Pacifica Stratford	615/617	Stratford Ct.	San Dieguito	new duplex	Pacific Ocean	No	6/7/2008	Active	30	22	20	5	25
DRB-08-28	Pacifica Stratford	605/607	Stratford Ct.	San Dieguito	new duplex	Pacific Ocean	No	6/7/2008	Active	30	22	20	5	25
DRB-08-29	Pacifica Stratford	555/557	Stratford Ct.	San Dieguito	new duplex	Pacific Ocean	No	6/7/2008	Active	30	22	20	5	25
No Planning File	N. Torrey Pines Bridge		N. Torrey Pines Road	Los Peñasquitos	CIP - bridge retrofit	Los Peñasquitos Lagoon	Bacteria, Sediment	12/2/2010	Active	30	22	31	12	43
<b>Low Priority Construction Projects</b>														
No Planning File	17th Street Beach Safety Center	1700	Coast Blvd.	San Dieguito	CIP - replace lifeguard tower	Pacific Ocean	No	10/8/2011	6/20/2012	29	8	9	3	12
No Planning File	2012 Street and Drainage	Various	Camino del Mar	San Dieguito	CIP - street and sidewalk repair	Pacific Ocean	No	1/18/2012	5/7/2012	15	2	2	0	2
DRB-09-16	Assi	1997	Zapo Street	San Dieguito	NSFR	Pacific Ocean	No	1/15/2011	4/30/2012	30	13	0	1	1
DRB-11-01	Bacha	2104	Christy Lane	San Dieguito	home remodel	San Dieguito Lagoon	Bacteria	3/1/2012	Active	9	9	0	0	0
DRB-11-08	Baenziger	1511	Forest Way	San Dieguito	NSFR	Pacific Ocean	No	5/1/2012	Active	0	9	1	0	1
DRB-98-32 Mod	Bakker	335	La Amatista	San Dieguito	remodel and addition	Pacific Ocean	No	4/21/2005	5/31/2012	30	18	0	0	0
DRB-10-08	Bingham	150/152	11th Street	San Dieguito	NSFR and second unit	Pacific Ocean	No	4/1/2011	Active	30	22	1	0	1
12-068	Bloum	505	Avenida Primavera	San Dieguito	home remodel	Pacific Ocean	No	5/1/2012	Active	0	9	0	0	0
ADR-11-06	Brigantine Del Mar	3263	Camino del Mar	San Dieguito	commercial remodel	San Dieguito Lagoon	Bacteria	5/1/2012	Active	0	9	0	0	0
DRB-10-24	Campbell	334	Hidden Pines Rd.	Los Peñasquitos	home remodel	Pacific Ocean	No	6/1/2011	10/28/2011	4	13	0	1	1
ADR-11-07	Cassidy	2614	Ocean Front	San Dieguito	home remodel	San Dieguito Lagoon	Bacteria	5/1/2011	4/30/2012	30	13	0	0	0
DRB-10-20	Chloe Grey	627	15th Street	San Dieguito	home remodel	Pacific Ocean	No	8/3/2011	Active	30	18	1	1	2
DRB-10-13	Collins	139	18th Street	San Dieguito	home remodel	Pacific Ocean	No	12/1/2010	8/31/2011	0	9	0	0	0
12-022	Collins	154	9th Street	San Dieguito	home remodel	Pacific Ocean	No	3/1/2012	Active	9	9	0	0	0
DRB-08-20	Deal	157/159	8th Street	San Dieguito	NSFR with basement - 2 detached	Pacific Ocean	No	2/21/2011	Active	30	22	1	2	3
11-131	Doliva	1782	Sea View Ave	San Dieguito	home remodel	Pacific Ocean	No	7/27/2011	Active	30	18	0	0	0

Appendix D - FY 2012 Construction Inspection Summary Table

Planning File #	Site Name	Street No.	Street Name	Hydrologic Unit	Description of Activity	Receiving Waterbody	303(d) Listed Waterbody	Start Date	End Date	Weeks Active (Wet)	Weeks Active (Dry)	No. Inspections (Wet)	No. Inspections (Dry)	Total Inspections
DRB-10-04	Fermanian	2430	Ocean Front	San Dieguito	home remodel and new roof	San Dieguito Lagoon	Bacteria	10/15/2010	8/31/2011	0	9	0	0	0
12-035	Friedlander	1720	Zapo Street	San Dieguito	home remodel	Pacific Ocean	No	2/1/2012	Active	13	9	0	0	0
DRB-11-25	Garber	2211	Ocean Front	San Dieguito	home remodel	Pacific Ocean	No	5/1/2012	Active	0	9	0	0	0
DRB-11-16	Gayler	410	15th Street	San Dieguito	home remodel	Pacific Ocean	No	4/10/2012	Active	3	9	1	0	1
DRB-84-52	Gillies	2136	San Dieguito Dr.	San Dieguito	NSFR	San Dieguito Lagoon	Bacteria	12/14/1998	Active	30	22	0	0	0
DRB-08-43	Hardke	431	Van Dyke Ave.	San Dieguito	NSFR w/basement and pool	Pacific Ocean	No	5/26/2009	1/31/2012	19	13	0	0	0
DRB-11-13	Hayward	1912	Ocean Front	San Dieguito	home remodel	Pacific Ocean	No	1/28/2011	4/28/2012	30	13	0	1	1
DRB-04-15	Hilliard	1492	Crest Rd.	San Dieguito	site improvements	Pacific Ocean	No	4/2/2007	9/1/2011	0	9	0	0	0
DRB-10-19	Hotel Indigo	710	Camino del Mar	San Dieguito	hotel/commercial remodel	Pacific Ocean	No	9/1/2011	3/30/2012	26	5	0	0	0
DRB-11-09	Irish	150	10th Street	San Dieguito	NSFR	Pacific Ocean	No	5/1/2012	Active	0	9	0	0	0
DRB-09-07	Kenyon	463	15th Street	San Dieguito	NSFR w/basement	Pacific Ocean	No	1/4/2011	Active	30	22	2	0	2
DRB-08-03	Kirkpatrick	1101	Klish Way	San Dieguito	home remodel/addition	Pacific Ocean	No	8/29/2011	Active	30	13	2	0	2
DRB-05-24	Klipstein	415	Torrey Pointe Rd.	Los Peñasquitos	NSFR w/basement	Los Peñasquitos Lagoon	Sediment, Bacteria	8/22/2008	7/29/2011	0	4	0	0	0
DRB-10-21	Luddy	119	13th Street	San Dieguito	home remodel	Pacific Ocean	No	9/1/2011	Active	30	13	0	0	0
DRB-08-27	Mankwitz	420	Luzon Ave.	San Dieguito	NSFR	San Dieguito Lagoon	Bacteria	6/1/2011	Active	30	22	1	3	4
DRB-11-17	Mazur	2081	Gatun	San Dieguito	home remodel	San Dieguito Lagoon	Bacteria	11/1/2011	Active	26	9	0	0	0
DRB-04-13	McGuire	1105	Stratford Ct.	San Dieguito	home remodel	Pacific Ocean	No	6/1/2009	Active	30	22	0	0	0
DRB-11-24	Miller	505	Tewa Court	San Dieguito	home remodel	Pacific Ocean	No	5/10/2012	Active	0	8	0	1	1
DRB-10-11	Milligan	1382	Via Alta	San Dieguito	home remodel and landscape	Pacific Ocean	No	9/15/2010	7/29/2011	0	5	0	0	0
DRB-06-23	Oliphant	2020	Santa Fe Ave.	San Dieguito	NSFR	Pacific Ocean	No	6/1/2009	1/31/2012	17	13	0	0	0
DRB-08-12	Parker-O'Brien	116/118	11th Street	San Dieguito	NSFR	Pacific Ocean	No	4/15/2011	5/31/2012	30	18	1	1	2
DRB-11-20	Porter	428	10th Street	San Dieguito	home remodel	Pacific Ocean	No	5/4/2012	Active	0	8	0	1	1
DRB-10-07	Rehfeld	385	Belair St.	San Dieguito	NSFR	Pacific Ocean	No	6/1/2011	Active	30	22	0	0	0
DRB-08-06	Reid	116	Nob Ave.	Los Peñasquitos	NSFR	Pacific Ocean	No	11/1/2010	Active	30	22	0	5	5

Appendix D - FY 2012 Construction Inspection Summary Table

Planning File #	Site Name	Street No.	Street Name	Hydrologic Unit	Description of Activity	Receiving Waterbody	303(d) Listed Waterbody	Start Date	End Date	Weeks Active (Wet)	Weeks Active (Dry)	No. Inspections (Wet)	No. Inspections (Dry)	Total Inspections
DRB-10-22	Rowe	538	Amphitheatre Dr.	San Dieguito	home remodel	Pacific Ocean	No	10/15/2010	4/28/2012	30	13	0	1	1
ADR-11-25	Todd	296	Ocean View	Los Peñasquitos	home remodel and roof	Pacific Ocean	No	7/1/2011	2/29/2012	22	13	0	0	0
11-170	Unknown	635	Hoska	San Dieguito	home remodel	Pacific Ocean	No	12/1/2011	3/15/2012	16	0	0	0	0
No Planning File	Unknown	1210	Camino del Mar	San Dieguito	parking lot, sidewalk	Pacific Ocean	No	5/1/2012	Active	0	9	0	4	4
DRB-09-14	Vint	140	7th Street	San Dieguito	NSFR with basement	Pacific Ocean	No	11/1/2010	4/30/2012	30	13	1	2	3
DRB-08-33	Wohlford-Kidd	1155	Cuchara Drive	San Dieguito	home remodel	Pacific Ocean	No	3/23/2010	4/30/2012	30	13	1	0	1

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# **Appendix E**

## **Construction Brochure**

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# WATER QUALITY REGULATIONS FOR CONSTRUCTION SITES

Dear Contractor,

The City of Del Mar Clean Water Program is committed to protecting our most valuable natural resources — our lagoons and Pacific Ocean — from degradation caused by urban runoff. We believe that reducing pollution is critical to maintaining our community's way of life.

It is our hope that this brochure will help you identify activities that are recognized to cause water pollution. It is up to you to implement appropriate Best Management Practices (BMPs) to minimize construction activity impacts. By providing you with these tools, we hope to make your job easier while keeping our waterways clean.

The City will be inspecting construction sites within its jurisdiction to ensure the protection of water quality. We look forward to seeing the BMPs presented in this brochure implemented at your site.

Together we have the ability to preserve and improve the quality of life in our community.

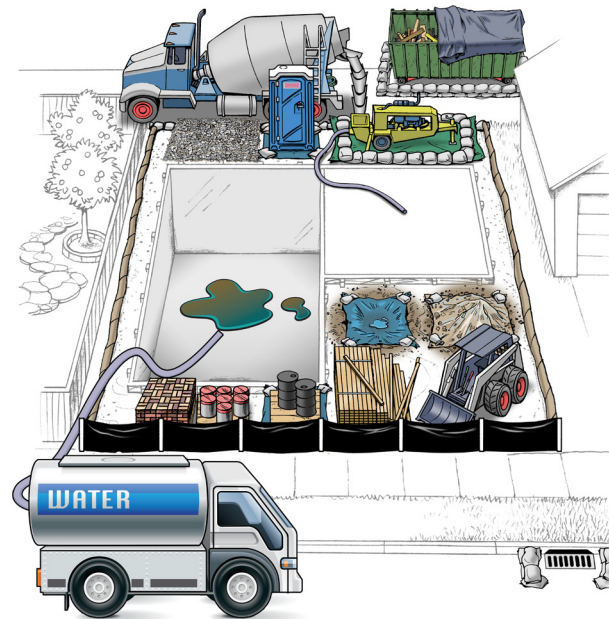
Sincerely,

*The City of Del Mar Clean Water Program*



City of Del Mar  
858-755-9313

# A POLLUTION PREVENTION GUIDE FOR THE CONSTRUCTION INDUSTRY

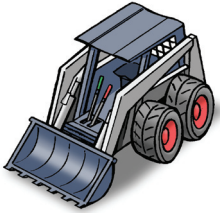


**CITY OF DEL MAR  
CLEAN WATER PROGRAM**

*Only Rain in the Storm Drain*

## WATER QUALITY REGULATIONS FOR CONSTRUCTION SITES

In 1972, the U.S. Environmental Protection Agency developed regulations to control water pollution. As a result, the National Pollutant Discharge Elimination System (NPDES) Permit was created. NPDES permits are issued to municipalities as well as construction sites. In addition to complying with local regulations, which are governed by the municipal NPDES permit, you may be required to obtain a permit through the State of California under the State General Construction Permit. All construction sites over one acre are required to obtain coverage under this permit. For more information, please visit the State Water Resources Control Board's website at: [http://www.swrcb.ca.gov/water\\_issues/programs/stormwater/constpermits.shtml](http://www.swrcb.ca.gov/water_issues/programs/stormwater/constpermits.shtml)



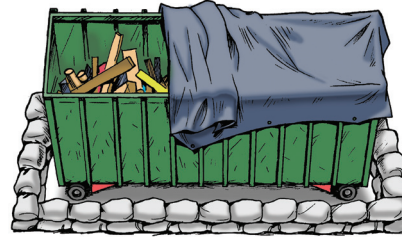
Construction sites can contribute pollutants such as sediment, metals, and chemicals, to our local creeks, rivers, lagoons, and ocean. These pollutants make their way down our streets and into storm drains, eventually discharging to the nearest body of water.

All construction sites are required to implement Best Management Practices (BMPs) to prevent storm water pollution. This brochure is intended to assist your construction site in understanding the City's BMP requirements.

The City of Del Mar has staff dedicated to ensuring that all construction sites are in compliance with state and local storm water control regulations. Contact the City's Clean Water Program for more information.

## ENCROACHMENT PERMITTING

The City understands that there are times when space on construction sites is limited. If at any point, you (as a contractor or subcontractor) need to use the public right-of-way in order to work or store materials, you must apply for a special permit. This encroachment permit allows you to use the City's right-of-way areas, and describes what is required to prevent illegal contaminants from spilling onto public right-of-ways and entering local storm drains. For more information or to obtain a permit application contact the City's Planning Department.



## INSPECTION AND ENFORCEMENT PROGRAM

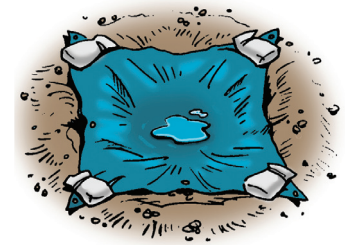
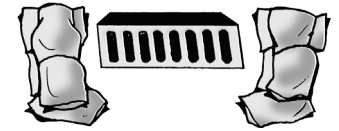
The City has established an inspection and enforcement program to ensure that all contractors operate in compliance with all appropriate storm water laws and other City requirements. City personnel will be performing unscheduled construction site inspections to confirm that BMPs and pollution prevention measures have been properly implemented at your site. Contractors, site supervisors and property owners can be held responsible for violations, which may lead to a civil penalty of up to \$10,000 per day and/or reimbursing the local jurisdiction for all expenses associated with clean up.



## BEST MANAGEMENT PRACTICES

Construction materials such as paint, dirt and trash often find their way into our storm drains, polluting the environment and jeopardizing our creeks, rivers, lagoons, and ocean.

The City's Clean Water Program is working with contractors to implement what are known as Best Management Practices (BMPs) on all construction sites. That is, methods used to keep pollution out of our storm drains and off public property, such as sidewalks, streets, parkways and alleys. Implementing and maintaining these BMPs on the construction site is critical to protecting our ocean and lagoons.



***The following is a list of minimum BMPs and pollution prevention measures that shall be implemented at all construction sites:***

- 1 Conduct daily site cleanings.**
- 2 Develop spill response and containment procedures.**
- 3 Educate employees and subcontractors about BMPs.**
- 4 Implement perimeter protection BMPs.**
- 5 Implement an erosion control plan for wind and rain.**
- 6 Regularly maintain all BMPs at project site.**

# BEST MANAGEMENT PRACTICES

The City of Del Mar's municipal code chapter 11.30 (Stormwater Management & Discharge Control Ordinance) prohibits pollutant discharges from construction sites and activities. Pollutant discharges are prohibited from flowing into City streets and storm drains to protect local lagoons and the ocean.

The following Best Management Practices (BMPs) must be properly implemented at all construction sites in the City of Del Mar to protect storm drains and minimize pollution.

## DUMPSTERS/PORT-A-POTTY

Always cover dumpsters with a rollback tarp or lid. Areas around dumpsters should be swept daily. Perimeter controls should also surround dumpsters and all Port-a-Potties. If dumpsters or Port-a-Potties are kept on the street, encroachment permits are required.

## PERIMETER CONTROLS

Gravel bags, silt fences, and straw wattles are acceptable perimeter controls, and must be used to surround the entire site to control run-on and run-off. Avoid running over perimeter controls with vehicles or heavy equipment, as they can damage the materials. Keep extra absorbent materials and/or a wet/dry vacuum on site to quickly pick up unintended spills. Sites must also be checked and maintained daily.

## MATERIALS STORAGE

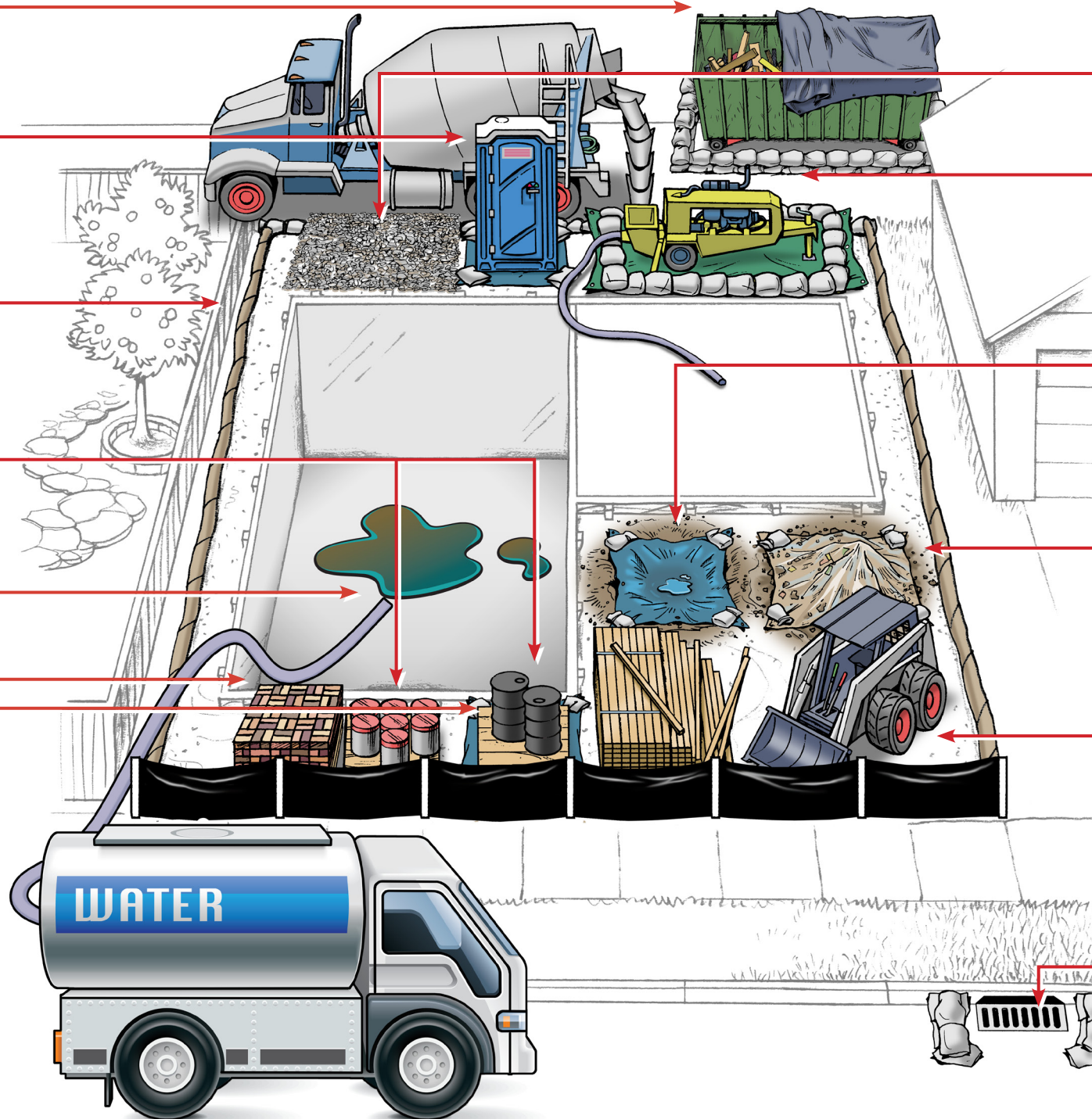
All building materials and fuel stored on the site must be contained and covered. It is illegal for contractors to wash out paint brushes in the street or dump any residues in the storm drain. Paint brushes and spray guns must be contained and disposed of properly.

## BUILDING MATERIALS/ STAGING AREAS

Construction materials must be stored on site at all times unless an encroachment permit has been obtained. Building materials should always be covered when not in use to prevent run-off caused by wind or rain. To apply for an encroachment permit, contact the City of Del Mar Planning Department.

## BASEMENT/SUMP DE-WATERING

Water collected in basements or detention basins due to natural groundwater seepage or rain events must be allowed to evaporate or be pumped to trucks with holding tanks for offsite disposal. Pumping this water onto the street or an adjacent property is an illegal discharge prohibited by law.



## TRACKING CONTROLS

All entrances and exits on the site must have coarse gravel or steel shaker plates to limit offsite sediment tracking. Public roads must be swept to remove any dirt or materials tracked offsite.

## CONCRETE TRUCKS/PUMPERS

Pumpers must be surrounded by perimeter controls, such as gravel bags. Plastic sheets also must be placed beneath concrete pumpers at all times, and residual materials must be cleaned up as well. Washout areas must be used whenever cleaning trucks.

## WASHOUT AREA

The disposal of "wet" construction materials should be handled in the washout area. This includes paint, stucco and concrete. Use a berm and/or plastic sheet to collect and contain liquids and prevent run-off in nearby areas. The washout area must be checked and maintained daily to ensure compliance. Washout liquids must be disposed of properly. Washout areas should be adequately covered and protected during rain events.

## DIRT AND GRADING

Mounds of dirt or gravel should be stored on site. These materials must also be covered each day with a tarp, visqueen, or other form of protection. Visqueen and/or tarps must be available and on site to cover 125% of exposed areas during the rainy season (October 1st – April 30th).

## EARTHMOVING EQUIPMENT

All earthmoving equipment should be stored on site. Maintenance should also be conducted on the site, and tracks and trails left by equipment leading to and from the site should be cleaned up immediately.

## STORM DRAINS

Storm drains must be protected at all times with perimeter controls, such as gravel bags or straw wattles. Sediment accumulation should be removed frequently.

*If you have any questions, please contact the City's Clean Water Program at 858-755-9313.*

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## **Appendix F**

# **Municipal Inventory**

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Appendix F - FY 2012 Municipal Facilities Inventory

Facility Name	Contact Person	Phone Number	Priority	Street No.	Street Name	Zip Code	Description of Area/Activity	Potential Pollutants								Hydrologic Area	HA	Tributary to 303(d) Listed Waterbody	303(d) Waterbody Impairment	Site Potentially Generates 303(d) Impairment Pollutants*	
								Bacteria	Gross Pollutants	Heavy Metals	Nutrients	Oil & Grease	Organics	Pesticides	Sediment						Trash
11th Street Water Reservoir	Doug Blackstock	(858) 755-3294	Medium	562	11th St	92014	Potable water storage tank and equipment maintenance.	✓			✓	✓	✓				San Dieguito**	905.11	No	None	No
20th Street Lifeguard Station	Pat Vergne	(858) 755-1556	Medium		20th St and Coast Blvd	92014	Building, First Aid Care. Restroom Facilities. Building maintenance.	✓			✓		✓	✓	✓		San Dieguito**	905.11	No	None	No
21st St Sewer Lift Station	Doug Blackstock	(858) 755-3294	High	201	21st St	92014	Sanitary sewer pump station. Sewer spills, pump repairs and replacement.	✓	✓		✓	✓	✓				San Dieguito	905.11	Yes	Bacteria	Yes
25th Street Lifeguard Station	Pat Vergne	(858) 755-1556	High		25th St and Coast Blvd	92014	Building, First Aid Care. Restroom Facilities. Building and landscape maintenance.	✓			✓		✓	✓	✓		San Dieguito**	905.11	No	None	No
7th St Sewer Lift Station	Doug Blackstock	(858) 755-3294	Medium	120	7th St	92014	Sanitary sewer pump station. Sewer spills, pump repairs and replacement.	✓	✓		✓	✓	✓				San Dieguito**	905.11	No	None	No
Caminito Park	Doug Blackstock	(858) 755-3294	High	1500	Camino Del Mar	92014	Public park. Turf, tree and landscape maintenance. Fertilization and pesticide application.	✓	✓		✓		✓	✓	✓		San Dieguito**	905.11	No	None	No
City Hall	Doug Blackstock	(858) 755-3294	Non	1050	Camino Del Mar	92014	Building and landscape maintenance.				✓		✓		✓		San Dieguito**	905.11	No	None	No
City Hall Parking Lot	Doug Blackstock	(858) 755-3294	High	1050	Camino Del Mar	92014	Parking and landscaping.			✓		✓		✓			San Dieguito**	905.11	No	None	No
Community Library	Doug Blackstock	(858) 755-3294	Non	1309	Camino Del Mar	92014	Building, parking lot, and landscape maintenance.			✓	✓	✓		✓			San Dieguito**	905.11	No	None	No
Crest Water Reservoir	Doug Blackstock	(858) 755-3294	High	706	Crest Rd	92014	Potable water storage tank and equipment maintenance.	✓			✓	✓	✓				San Dieguito**	905.11	No	None	No
Del Mar Fire Station	Robert Burron	(858) 755-1522	Non	2220	Jimmy Durante Blvd	92014	Building and parking lot. Vehicle storage and cleaning. Hazardous waste materials storage.			✓		✓	✓		✓	✓	San Dieguito	905.11	Yes	Bacteria	No
Beach Safety Center	Pat Vergne	(858) 755-1556	High	1700	Coast Blvd	92014	Building, First Aid Care. Restroom Facilities. Building and landscape maintenance.	✓			✓		✓	✓	✓		San Dieguito**	905.11	No	None	No
Main Lifeguard Station Parking Lot	Doug Blackstock	(858) 755-3294	High	1700	Coast Blvd	92014	Parking and landscaping.			✓		✓		✓			San Dieguito**	905.11	No	None	No
Minipark	Doug Blackstock	(858) 755-3294	High	1300	Maiden Ln	92014	Public park. Turf, tree and landscape maintenance. Fertilization and pesticide application.	✓	✓		✓		✓	✓	✓		San Dieguito**	905.11	No	None	No
Powerhouse Community Center	Pat Vergne	(858) 755-1556	High	1630	Coast Blvd	92014	Special events, food prep, restrooms. Building and landscape maintenance.	✓	✓		✓	✓	✓		✓		San Dieguito**	905.11	No	None	No
Powerhouse Park	Doug Blackstock	(858) 755-3294	High	1630	Coast Blvd	92014	Public park. Turf, tree and landscape maintenance. Fertilization and pesticide application. Restrooms and showers	✓	✓		✓		✓	✓	✓		San Dieguito**	905.11	No	None	No
Public Works Yard	Doug Blackstock	(858) 755-3294	High	2240	Jimmy Durante Blvd	92014	Public Works Admin building, shops, parking lot, open and covered storage yards. Fueling station, storage, vehicle/equipment cleaning and repair. Temporary storage of trash, recycling and landscape materials. Hazardous waste materials storage.	✓	✓	✓	✓	✓	✓	✓	✓		San Dieguito	905.11	Yes	Bacteria	Yes
Riverpath Del Mar	Doug Blackstock	(858) 755-3294	High	2240	Jimmy Durante Blvd	92014	Public park. Tree and landscape maintenance.	✓			✓		✓	✓	✓		San Dieguito	905.11	Yes	Bacteria	Yes
San Dieguito Sewer Lift Station	Doug Blackstock	(858) 755-3294	High	2110	San Dieguito Dr	92014	Sanitary sewer pump station. Sewer spills, pump repairs and replacement.	✓	✓		✓	✓	✓				San Dieguito	905.11	Yes	Bacteria	Yes
Sea Cliff Park	Doug Blackstock	(858) 755-3294	High	1500	Coast Blvd	92014	Public park. Turf, tree and landscape maintenance. Fertilization and pesticide application.	✓	✓		✓		✓	✓	✓		San Dieguito**	905.11	No	None	No
Seagrove Park	Doug Blackstock	(858) 755-3294	High	1500	Coast Blvd	92014	Public park. Turf, tree and landscape maintenance. Fertilization and pesticide application.	✓	✓		✓		✓	✓	✓		San Dieguito**	905.11	No	None	No
Tennis Court Facilities	Doug Blackstock	(858) 755-3294	Non		21st St and Court St	92014	Tennis courts with parking and access.								✓		San Dieguito	905.11	Yes	Bacteria	No
Torrey Pines Water Reservoir	Doug Blackstock	(858) 755-3294	High	487	Pine Needles Dr	92014	Potable water storage tank and equipment maintenance.	✓			✓	✓	✓				Penasquitos**	906.10	No	None	No
Winston School Ball Field	Doug Blackstock	(858) 755-3294	Medium	215	9th St	92014	Ball field and parking.	✓	✓		✓	✓	✓	✓	✓		San Dieguito**	905.1	No	None	No
Zuni Water Reservoir	Doug Blackstock	(858) 755-3294	High	627	Zuni Dr	92014	Potable water storage tank and equipment maintenance.	✓			✓	✓	✓				San Dieguito	905.11	Yes	Bacteria	Yes

\* Identification of site/source that is a tributary to CWA Section 303(d) waterbody segment and potentially generates pollutants for which the waterbody segment is impaired.  
 \*\* Drainage from the inventoried facility leads to the Pacific Ocean.

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# **Appendix G**

## **Commercial/Industrial Property-Based Inventory**

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Appendix G - FY 2012 Commercial/Industrial Property-Based Inventory

Facility Name	Street No.	Street Name	Zip Code	SIC Code	Industrial/ Commercial	Principal Products/ Services	Potential Pollutants								Threat to Water Quality	Hydrologic Area	Tributary to 303(d) Listed Waterbody	303(d) Waterbody Impairment	Site Potentially Generates 303(d) Impairment Pollutants*	Industrial Permit	APN	GIS Mapping	
							Bacteria	Gross Pollutants	Heavy Metals	Nutrients	Oil & Grease	Organics	Pesticides	Sediment								Trash	Lat
Del Mar German Car Service	155	Carmel Valley Rd.	92014	7538	Commercial	Automotive Services	✓	✓	✓	✓	✓	✓	✓	High	906.10	Yes	Bacteria, Sediment	Yes	No	301-032-11	32.9393	117.259	
Old Del Mar Square	201-211	15th Street	92014	-	Commercial	Office (Low-Rise), Food Establishment, Retail	✓	✓	✓	✓	✓	✓	✓	High	905.11**	No	None	No	No	300-012-28, 29, 30	32.9591	117.266	
Rusty's Surfboards	201	15th Street	92014	6512	Commercial	General Retail							✓	High	905.11**	No	None	No	No	300-012-28	32.95924	117.2661	
Del Mar Pizza, Inc.	211	15th Street	92014	5812	Commercial	Food Establishment	✓	✓	✓	✓	✓	✓	✓	High	905.11**	No	None	No	No	300-012-30	32.95945	117.266	
Mixed Use Complex	215	15th Street	92014	-	Commercial	Mixed Use	✓	✓	✓	✓	✓	✓	✓	High	905.11**	No	None	No	No	300-012-02	32.9592	117.266	
Sbecca American Bistro	215	15th Street	92014	5812	Commercial	Food Establishment	✓	✓	✓	✓	✓	✓	✓	High	905.11**	No	None	No	No	300-012-02	32.95919	117.2658	
Office Complex	221	15th Street	92014	6512	Commercial	Office (Low-Rise)							✓	High	905.11**	No	None	No	No	300-012-03	32.9592	117.266	
Del Mar Medical Arts	317	14th Street	92014	8011	Commercial	Health Services	✓						✓	High	905.11**	No	None	No	No	300-020-02	32.9586	117.264	
Office Complex	318	9th Street	92014	6512	Commercial	Office (Low-Rise)							✓	High	905.11**	No	None	No	No	300-221-23	32.9538	117.263	
Hotel Indigo	710	Camino del Mar	92014	7011	Commercial	Hotel/Motel (Low-Rise)	✓	✓	✓	✓	✓	✓	✓	High	905.11**	No	None	No	No	300-200-35	32.9502	117.262	
Clarion Del Mar Inn	720	Camino del Mar	92014	7011	Commercial	Hotel/Motel (Low-Rise)	✓	✓	✓	✓	✓	✓	✓	High	905.11**	No	None	No	No	300-200-21	32.9508	117.262	
Office Complex	807	Camino del Mar	92014	6512	Commercial	Office (Low-Rise)							✓	High	905.11**	No	None	No	No	300-222-33	32.9527	117.262	
Office Complex	832	Camino del Mar	92014	6512	Commercial	Office (Low-Rise)							✓	High	905.11**	No	None	No	No	300-200-24	32.953	117.263	
Office Complex	853	Camino del Mar	92014	6512	Commercial	Office (Low-Rise)							✓	High	905.11**	No	None	No	No	300-222-31	32.9532	117.262	
Mixed Use Complex	910	Camino del Mar	92014	-	Commercial	Office (Low-Rise), Retail							✓	High	905.11**	No	None	No	No	300-172-17	32.9536	117.263	
Office Complex	915	Camino del Mar	92014	6512	Commercial	Office (Low-Rise)							✓	High	905.11**	No	None	No	No	300-221-34	32.9538	117.263	
Les Artistes Inn of Del Mar	944	Camino del Mar	92014	7011	Commercial	Hotel	✓	✓	✓	✓	✓	✓	✓	High	905.11**	No	None	No	No	300-172-04	32.9539	117.264	
Canterbury Corner	1011	Camino del Mar	92014	-	Commercial	Office (Low-Rise), Food Establishment	✓	✓	✓	✓	✓	✓	✓	High	905.11**	No	None	No	No	300-410-29	32.9547	117.263	
Chinese Double Happiness	1011	Camino del Mar	92014	5812	Commercial	Food Establishment	✓	✓	✓	✓	✓	✓	✓	High	905.11**	No	None	No	No	300-410-29	32.95468	117.2631	
Lemon Tree Corner	1049	Camino del Mar	92014	6512	Commercial	Office (Low-Rise)							✓	High	905.11**	No	None	No	No	300-410-26	32.9553	117.263	
City Hall	1050	Camino del Mar	92014	9111	Commercial	City Hall	✓	✓	✓	✓	✓	✓	✓	High	905.11**	No	None	No	No	300-093-02	32.955	117.264	
Del Mar Farmer's Market	1050	Camino del Mar	92014	5411	Commercial	Farmer's Market	✓	✓	✓	✓	✓	✓	✓	High	905.11**	No	None	No	No	300-092-03	32.95505	117.2642	
Mixed Use Complex	1101	Camino del Mar	92014	-	Commercial	Office (Low-Rise), Food Establishment	✓	✓	✓	✓	✓	✓	✓	High	905.11**	No	None	No	No	300-401-10	32.9557	117.264	
Sushi Japone	1101	Camino del Mar	92014	5812	Commercial	Food Establishment	✓	✓	✓	✓	✓	✓	✓	High	905.11**	No	None	No	No	300-401-10	32.95567	117.2635	
Mixed Use Complex	1104	Camino del Mar	92014	-	Commercial	Office (Low-Rise), Retail							✓	High	905.11**	No	None	No	No	300-092-14	32.9555	117.264	

Appendix G - FY 2012 Commercial/Industrial Property-Based Inventory

Facility Name	Street No.	Street Name	Zip Code	SIC Code	Industrial/ Commercial	Principal Products/ Services	Potential Pollutants										Threat to Water Quality	Hydrologic Area	Tributary to 303(d) Listed Waterbody	303(d) Waterbody Impairment	Site Potentially Generates 303(d) Impairment Pollutants*	Industrial Permit	APN	GIS Mapping	
							Bacteria	Gross Pollutants	Heavy Metals	Nutrients	Oil & Grease	Organics	Pesticides	Sediment	Trash	Lat								Long	
Mixed Use Complex	1105	Camino del Mar	92014	-	Commercial	Office (Low-Rise), Retail	✓	✓		✓	✓	✓	✓	✓	✓	High	905.11**	No	None	No	No	300-401-10	32.9558	117.264	
Del Mar Koi	1105	Camino del Mar	92014	5999	Commercial	Animal and Bird Specialty Services	✓	✓		✓	✓	✓	✓	✓	✓	High	905.11**	No	None	No	No	300-401-10	32.95567	117.2635	
Retail Complex	1110	Camino del Mar	92014	5651	Commercial	General Retail									✓	High	905.11**	No	None	No	No	300-092-13	32.9558	117.264	
Mixed Use Complex	1125	Camino del Mar	92014	-	Commercial	Office (Low-Rise), Retail									✓	High	905.11**	No	None	No	No	300-401-03	32.956	117.264	
Retail Complex	1130	Camino del Mar	92014	5651	Commercial	General Retail									✓	High	905.11**	No	None	No	No	300-092-07	32.956	117.264	
Mixed Use Complex	1135-1155	Camino del Mar	92014	-	Commercial	Retail, Deli	✓	✓		✓	✓		✓	✓	✓	High	905.11**	No	None	No	No	300-401-15	32.9563	117.264	
Del Mar Liquor & Deli	1149	Camino del Mar	92014	5812	Commercial	Grocery Store/Food Establishment	✓	✓		✓	✓	✓		✓	✓	High	905.11**	No	None	No	No	300-400-28	32.956333	117.26399	
Mixed Use Complex	1140	Camino del Mar	92014	-	Commercial	Retail, Food Establishment	✓	✓		✓	✓	✓		✓	✓	High	905.11**	No	None	No	No	300-092-06	32.9561	117.264	
Café Secret	1140	Camino del Mar	92014	5812	Commercial	Food Establishment	✓	✓		✓	✓	✓		✓	✓	High	905.11**	No	None	No	No	300-092-06	32.95612	117.2644	
Retail Complex	1150	Camino del Mar	92014	5651	Commercial	General Retail									✓	High	905.11**	No	None	No	No	300-092-16	32.9562	117.264	
Mixed Use Complex	1201	Camino del Mar	92014	-	Commercial	Office (Low-Rise), Food Establishment									✓	High	905.11**	No	None	No	No	300-075-06	32.9569	117.264	
Prep Kitchen	1201	Camino del Mar	92014	5812	Commercial	Food Establishment	✓	✓		✓	✓	✓		✓	✓	High	905.11**	No	None	No	No	300-075-06	32.95688	117.2639	
Mixed Use Complex	1202	Camino del Mar	92014	-	Commercial	Office (Low-Rise), Retail									✓	High	905.11**	No	None	No	No	300-074-06	32.9566	117.265	
Mixed Use Complex	1212	Camino del Mar	92014	-	Commercial	Office (Low-Rise), Food Establishment									✓	High	905.11**	No	None	No	No	300-074-07	32.9568	117.265	
Board & Brew	1212	Camino del Mar	92014	5812	Commercial	Food Establishment	✓	✓		✓	✓	✓		✓	✓	High	905.11**	No	None	No	No	300-074-07	32.95678	117.2646	
The Curry Comb	1212	Camino del Mar	92014	742	Commercial	Animal and Bird Specialty Services	✓	✓		✓	✓	✓		✓	✓	High	905.11**	No	None	No	No	300-074-06	32.95681	117.2644	
Mixed Use Complex	1219	Camino del Mar	92014	-	Commercial	Office (Low-Rise), Retail									✓	High	905.11**	No	None	No	No	300-075-05	32.9571	117.264	
Office Complex	1226	Camino del Mar	92014	6512	Commercial	Office (Low-Rise)									✓	High	905.11**	No	None	No	No	300-074-08	32.9569	117.265	
Mixed Use Complex	1229-1231	Camino del Mar	92014	-	Commercial	Office (Low-Rise), Food Establishment	✓	✓		✓	✓	✓		✓	✓	High	905.11**	No	None	No	No	300-075-04	32.9573	117.264	
Seaside Yogurt	1231	Camino del Mar	92014	5812	Commercial	Food Establishment	✓	✓		✓	✓	✓		✓	✓	High	905.11**	No	None	No	No	300-075-04	32.95719	117.2643	
Office Complex	1234	Camino del Mar	92014	6512	Commercial	Office (Low-Rise)									✓	High	905.11**	No	None	No	No	300-074-09	32.9571	117.265	
Office Complex	1237	Camino del Mar	92014	6512	Commercial	Office (Low-Rise)									✓	High	905.11**	No	None	No	No	300-075-09	32.9575	117.264	
Mixed Use Complex	1247	Camino del Mar	92014	-	Commercial	Office (Low-Rise), Food Establishment	✓	✓		✓	✓	✓		✓	✓	High	905.11**	No	None	No	No	300-075-01	32.9574	117.264	
Zel's Del Mar	1247	Camino del Mar	92014	5812	Commercial	Food Establishment	✓	✓		✓	✓	✓		✓	✓	High	905.11**	No	None	No	No	300-075-01	32.95744	117.2642	
Camino Del Mar Building	1302	Camino del Mar	92014	5651	Commercial	General Retail									✓	High	905.11**	No	None	No	No	300-012-13	32.9576	117.265	

Appendix G - FY 2012 Commercial/Industrial Property-Based Inventory

Facility Name	Street No.	Street Name	Zip Code	SIC Code	Industrial/Commercial	Principal Products/Services	Potential Pollutants										Threat to Water Quality	Hydrologic Area	Tributary to 303(d) Listed Waterbody	303(d) Waterbody Impairment	Site Potentially Generates 303(d) Impairment Pollutants*	Industrial Permit	APN	GIS Mapping	
							Bacteria	Gross Pollutants	Heavy Metals	Nutrients	Oil & Grease	Organics	Pesticides	Sediment	Trash	Lat								Long	
<b>Mixed Use Complex</b>	<b>1307</b>	<b>Stratford Court</b>	<b>92014</b>	<b>-</b>	<b>Commercial</b>	<b>Office (Low-Rise), Food Establishment</b>	✓	✓		✓	✓	✓		✓	✓	High	905.11**	No	None	No	No	300-012-12	32.9576	117.265	
<i>Stratford Court Café</i>	<i>1307</i>	<i>Stratford Court</i>	<i>92014</i>	<i>5812</i>	<i>Commercial</i>	<i>Food Establishment</i>	✓	✓		✓	✓	✓		✓	✓	<i>High</i>	<i>905.11**</i>	<i>No</i>	<i>None</i>	<i>No</i>	<i>No</i>	<i>300-012-12</i>	<i>32.9576</i>	<i>117.2653</i>	
<b>Retail Complex</b>	<b>1310</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>5651</b>	<b>Commercial</b>	<b>General Retail</b>									✓	High	905.11**	No	None	No	No	300-012-14	32.9577	117.265	
<b>Retail Complex</b>	<b>1312</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>5651</b>	<b>Commercial</b>	<b>General Retail</b>									✓	High	905.11**	No	None	No	No	300-012-33	32.9578	117.265	
<b>Office Complex</b>	<b>1319</b>	<b>Stratford Ct.</b>	<b>92014</b>	<b>6512</b>	<b>Commercial</b>	<b>Office (Low-Rise)</b>									✓	High	905.11**	No	None	No	No	300-012-11	32.9578	117.265	
<b>Del Mar Medical Clinic</b>	<b>1327-1349</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>8011</b>	<b>Commercial</b>	<b>Health Services</b>	✓								✓	High	905.11**	No	None	No	No	300-020-01, 03, 04	32.9582	117.264	
<b>Mixed Use Complex</b>	<b>1328</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>-</b>	<b>Commercial</b>	<b>Retail, Food Establishment</b>	✓	✓		✓	✓	✓		✓	✓	High	905.11**	No	None	No	No	300-012-17	32.958	117.265	
<i>Crepes &amp; Corks Café</i>	<i>1328</i>	<i>Camino del Mar</i>	<i>92014</i>	<i>5812</i>	<i>Commercial</i>	<i>Food Establishment</i>	✓	✓		✓	✓	✓		✓	✓	<i>High</i>	<i>905.11**</i>	<i>No</i>	<i>None</i>	<i>No</i>	<i>No</i>	<i>300-012-17</i>	<i>32.95799</i>	<i>117.2651</i>	
<b>Retail Complex</b>	<b>1329</b>	<b>Stratford Ct.</b>	<b>92014</b>	<b>5651</b>	<b>Commercial</b>	<b>General Retail</b>									✓	High	905.11**	No	None	No	No	300-012-10	32.958	117.265	
<b>Office Complex</b>	<b>1330</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>6512</b>	<b>Commercial</b>	<b>Office (Low-Rise)</b>									✓	High	905.11**	No	None	No	No	300-012-18	32.9581	117.265	
<b>Office Complex</b>	<b>1340</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>6512</b>	<b>Commercial</b>	<b>Office (Low-Rise)</b>									✓	High	905.11**	No	None	No	No	300-012-19	32.9582	117.265	
<b>Mixed Use Complex</b>	<b>1342</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>-</b>	<b>Commercial</b>	<b>Retail, Food Establishment</b>	✓	✓		✓	✓	✓		✓	✓	High	905.11**	No	None	No	No	300-012-20	32.9583	117.265	
<i>En Fuego, Cantina &amp; Grill</i>	<i>1342</i>	<i>Camino del Mar</i>	<i>92014</i>	<i>5812</i>	<i>Commercial</i>	<i>Food Establishment</i>	✓	✓		✓	✓	✓		✓	✓	<i>High</i>	<i>905.11**</i>	<i>No</i>	<i>None</i>	<i>No</i>	<i>No</i>	<i>300-012-20</i>	<i>32.95827</i>	<i>117.2652</i>	
<i>La Tienda Wine Shop</i>	<i>1342</i>	<i>Camino del Mar</i>	<i>92014</i>	<i>5812</i>	<i>Commercial</i>	<i>Food Establishment</i>	✓	✓		✓	✓	✓		✓	✓	<i>High</i>	<i>905.11**</i>	<i>No</i>	<i>None</i>	<i>No</i>	<i>No</i>	<i>300-012-20</i>	<i>32.95827</i>	<i>117.2652</i>	
<b>Wave Crest Resort</b>	<b>1400</b>	<b>Ocean Avenue</b>	<b>92014</b>	<b>7011</b>	<b>Commercial</b>	<b>Hotel/Motel (Low-Rise)</b>	✓	✓		✓	✓	✓	✓	✓	✓	High	905.11**	No	None	No	No	Various	32.958	117.267	
<b>Office Complex</b>	<b>1401</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>6512</b>	<b>Commercial</b>	<b>Office (Low-Rise)</b>									✓	High	905.11**	No	None	No	No	300-030-04	32.9589	117.265	
<b>Mixed Use Complex</b>	<b>1404</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>-</b>	<b>Commercial</b>	<b>Retail, Food Establishment</b>	✓	✓		✓	✓	✓		✓	✓	High	905.11**	No	None	No	No	300-012-24	32.9586	117.265	
<i>Bully's North</i>	<i>1404</i>	<i>Camino del Mar</i>	<i>92014</i>	<i>5812</i>	<i>Commercial</i>	<i>Food Establishment</i>	✓	✓		✓	✓	✓		✓	✓	<i>High</i>	<i>905.11**</i>	<i>No</i>	<i>None</i>	<i>No</i>	<i>No</i>	<i>300-012-24</i>	<i>32.95865</i>	<i>117.2653</i>	
<b>Retail Complex</b>	<b>1412</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>5651</b>	<b>Commercial</b>	<b>General Retail</b>									✓	High	905.11**	No	None	No	No	300-012-25	32.9587	117.265	
<b>Retail Complex</b>	<b>1414</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>5651</b>	<b>Commercial</b>	<b>General Retail</b>									✓	High	905.11**	No	None	No	No	300-012-26	32.9588	117.265	
<b>Retail Complex</b>	<b>1424</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>5651</b>	<b>Commercial</b>	<b>General Retail</b>									✓	High	905.11**	No	None	No	No	300-012-31	32.959	117.265	
<b>Mixed Use Complex</b>	<b>1431</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>-</b>	<b>Commercial</b>	<b>Retail, Health Services</b>	✓								✓	High	905.11**	No	None	No	No	300-030-83	32.9592	117.265	
<b>Office Complex</b>	<b>1431</b>	<b>Stratford Ct.</b>	<b>92014</b>	<b>6512</b>	<b>Commercial</b>	<b>Office (Low-Rise)</b>									✓	High	905.11**	No	None	No	No	300-012-05	32.9589	117.266	
<b>Mixed Use Complex</b>	<b>1435</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>-</b>	<b>Commercial</b>	<b>Retail, Food Establishment</b>	✓	✓		✓	✓	✓		✓	✓	High	905.11**	No	None	No	No	300-030-82	32.9595	117.265	
<i>Bruegger's Bagels</i>	<i>1435</i>	<i>Camino del Mar</i>	<i>92014</i>	<i>5812</i>	<i>Commercial</i>	<i>Food Establishment</i>	✓	✓		✓	✓	✓		✓	✓	<i>High</i>	<i>905.11**</i>	<i>No</i>	<i>None</i>	<i>No</i>	<i>No</i>	<i>300-030-82</i>	<i>32.95948</i>	<i>117.2649</i>	

Appendix G - FY 2012 Commercial/Industrial Property-Based Inventory

Facility Name	Street No.	Street Name	Zip Code	SIC Code	Industrial/ Commercial	Principal Products/ Services	Potential Pollutants								Threat to Water Quality	Hydrologic Area	Tributary to 303(d) Listed Waterbody	303(d) Waterbody Impairment	Site Potentially Generates 303(d) Impairment Pollutants*	Industrial Permit	APN	GIS Mapping	
							Bacteria	Gross Pollutants	Heavy Metals	Nutrients	Oil & Grease	Organics	Pesticides	Sediment								Trash	Lat
Starbucks Coffee #526	1435	Camino del Mar	92014	5812	Commercial	Food Establishment	✓	✓		✓	✓		✓	✓	High	905.11**	No	None	No	No	300-030-82	32.95948	117.2649
<b>Mixed Use Complex</b>	<b>1438-1454</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>-</b>	<b>Commercial</b>	<b>Retail, Food Establishment</b>	✓	✓		✓	✓		✓	✓	<b>High</b>	<b>905.11**</b>	<b>No</b>	<b>None</b>	<b>No</b>	<b>No</b>	<b>300-012-04</b>	<b>32.9593</b>	<b>117.266</b>
Americana	1454	Camino del Mar	92014	5812	Commercial	Food Establishment	✓	✓		✓	✓		✓	✓	High	905.11**	No	None	No	No	300-012-04	32.95941	117.2605
Jimmy O's	225	15th Street	92014	5812	Commercial	Food Establishment	✓	✓		✓	✓		✓	✓	High	905.11**	No	None	No	No	299-091-04	32.95949	117.2658
<b>L'Auberge Del Mar</b>	<b>1540-1616</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>-</b>	<b>Commercial</b>	<b>Resort, Food Establishment</b>	✓	✓		✓	✓		✓	✓	<b>High</b>	<b>905.11**</b>	<b>No</b>	<b>None</b>	<b>No</b>	<b>No</b>	<b>299-310-08, 09</b>	<b>32.9612</b>	<b>117.266</b>
L'Auberge Del Mar	1540	Camino del Mar	92014	7011	Commercial	Resort	✓	✓		✓	✓		✓	✓	High	905.11**	No	None	No	No	299-310-09	32.96033	117.2659
Kitchen 1540	1540	Camino del Mar	92014	5812	Commercial	Food Establishment	✓	✓		✓	✓		✓	✓	High	905.11**	No	None	No	No	299-310-09	32.96033	117.2659
<b>Del Mar Plaza</b>	<b>1555</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>7389</b>	<b>Commercial</b>	<b>Shopping Center</b>	✓	✓		✓	✓		✓	✓	<b>High</b>	<b>905.11**</b>	<b>No</b>	<b>None</b>	<b>No</b>	<b>No</b>	<b>300-030-86</b>	<b>32.9605</b>	<b>117.265</b>
Del Mar Rendezvous	1555	Camino del Mar	92014	5812	Commercial	Food Establishment	✓	✓		✓	✓		✓	✓	High	905.11**	No	None	No	No	300-030-86	32.96068	117.2651
Flavor Del Mar	1555	Camino del Mar	92014	5812	Commercial	Food Establishment	✓	✓		✓	✓		✓	✓	High	905.11**	No	None	No	No	300-030-86	32.96068	117.2651
Harvest Ranch Market	1555	Camino del Mar	92014	5431	Commercial	Grocery Store	✓	✓		✓	✓		✓	✓	High	905.11**	No	None	No	No	300-030-86	32.96068	117.2651
Il Fornaio Cucina Italiana/Enoteca del Fornaio	1555	Camino del Mar	92014	5812	Commercial	Food Establishment	✓	✓		✓	✓		✓	✓	High	905.11**	No	None	No	No	300-030-86	32.96068	117.2651
Pacifica Del Mar/Pacifica Breeze	1555	Camino del Mar	92014	5812	Commercial	Food Establishment	✓	✓		✓	✓		✓	✓	High	905.11**	No	None	No	No	300-030-86	32.96068	117.2651
Shimbashi Izakaya-Seasonal Japanese Tapas & Sake Bar	1555	Camino del Mar	92014	5812	Commercial	Food Establishment	✓	✓		✓	✓		✓	✓	High	905.11**	No	None	No	No	300-030-86	32.96068	117.2651
Sunset Parking Services	1555	Camino del Mar	92014	7521	Commercial	Automotive Services		✓	✓		✓		✓	✓	High	905.11**	No	None	No	No	300-030-86	32.96068	117.2651
<b>Seagrove Parking</b>	<b>1601</b>	<b>Coast Blvd.</b>	<b>92014</b>	<b>7521</b>	<b>Commercial</b>	<b>Automotive Services</b>		✓	✓		✓		✓	✓	<b>High</b>	<b>905.11**</b>	<b>No</b>	<b>None</b>	<b>No</b>	<b>No</b>	<b>299-230-10</b>	<b>32.9617</b>	<b>117.267</b>
<b>Jake's Del Mar</b>	<b>1660</b>	<b>Coast Blvd.</b>	<b>92014</b>	<b>5812</b>	<b>Commercial</b>	<b>Food Establishment</b>	✓	✓		✓	✓		✓	✓	<b>High</b>	<b>905.11**</b>	<b>No</b>	<b>None</b>	<b>No</b>	<b>No</b>	<b>299-230-03</b>	<b>32.9619</b>	<b>117.268</b>
<b>Mixed Use Complex</b>	<b>1670</b>	<b>Coast Blvd.</b>	<b>92014</b>	<b>-</b>	<b>Commercial</b>	<b>Food Establishment, Parking Lot</b>	✓	✓		✓	✓		✓	✓	<b>High</b>	<b>905.11**</b>	<b>No</b>	<b>None</b>	<b>No</b>	<b>No</b>	<b>299-230-29</b>	<b>32.9622</b>	<b>117.268</b>
Del Mar Snack Shack	1670	Coast Blvd.	92014	5812	Commercial	Food Establishment	✓	✓		✓	✓		✓	✓	High	905.11**	No	None	No	No	299-230-29	32.96204	117.2681
The Poseidon Restaurant	1670	Coast Blvd.	92014	5812	Commercial	Food Establishment	✓	✓		✓	✓		✓	✓	High	905.11**	No	None	No	No	299-230-29	32.96204	117.0181
<b>Del Mar Motel on the Beach</b>	<b>1702</b>	<b>Coast Blvd.</b>	<b>92014</b>	<b>7011</b>	<b>Commercial</b>	<b>Hotel</b>	✓	✓		✓	✓		✓	✓	<b>High</b>	<b>905.11**</b>	<b>No</b>	<b>None</b>	<b>No</b>	<b>No</b>	<b>299-232-08</b>	<b>32.9626</b>	<b>117.268</b>
<b>Southfair Office Complex</b>	<b>2010</b>	<b>Jimmy Durante Blvd.</b>	<b>92014</b>	<b>6512</b>	<b>Commercial</b>	<b>Office (Low-Rise)</b>								✓	<b>High</b>	<b>905.11</b>	<b>Yes</b>	<b>Bacteria</b>	<b>Yes</b>	<b>No</b>	<b>299-071-06</b>	<b>32.9696</b>	<b>117.265</b>
<b>Office Complex</b>	<b>2120</b>	<b>Jimmy Durante Blvd.</b>	<b>92014</b>	<b>6512</b>	<b>Commercial</b>	<b>Office (Low-Rise)</b>								✓	<b>High</b>	<b>905.11</b>	<b>Yes</b>	<b>Bacteria</b>	<b>Yes</b>	<b>No</b>	<b>299-100-27</b>	<b>32.97</b>	<b>117.265</b>
<b>John C. Read General Contractors</b>	<b>2126</b>	<b>Jimmy Durante Blvd.</b>	<b>92014</b>	<b>1521</b>	<b>Commercial</b>	<b>General Contractor</b>		✓			✓		✓	✓	<b>High</b>	<b>905.11</b>	<b>Yes</b>	<b>Bacteria</b>	<b>Yes</b>	<b>No</b>	<b>299-100-28</b>	<b>32.9704</b>	<b>117.264</b>
<b>Mixed Use Complex</b>	<b>2132</b>	<b>Jimmy Durante Blvd.</b>	<b>92014</b>	<b>-</b>	<b>Commercial</b>	<b>Retail, Animal Services</b>	✓	✓		✓	✓		✓	✓	<b>High</b>	<b>905.11</b>	<b>Yes</b>	<b>Bacteria</b>	<b>Yes</b>	<b>No</b>	<b>299-100-29</b>	<b>32.9702</b>	<b>117.264</b>

Appendix G - FY 2012 Commercial/Industrial Property-Based Inventory

Facility Name	Street No.	Street Name	Zip Code	SIC Code	Industrial/Commercial	Principal Products/Services	Potential Pollutants								Threat to Water Quality	Hydrologic Area	Tributary to 303(d) Listed Waterbody	303(d) Waterbody Impairment	Site Potentially Generates 303(d) Impairment Pollutants*	Industrial Permit	APN	GIS Mapping	
							Bacteria	Gross Pollutants	Heavy Metals	Nutrients	Oil & Grease	Organics	Pesticides	Sediment								Trash	Lat
<i>Animal and Bird Hospital of Del Mar (Freeflight)</i>	2132	<i>Jimmy Durante Blvd.</i>	92014	742	Commercial	<i>Animal and Bird Specialty Services</i>	✓	✓	✓	✓	✓	✓	✓	✓	High	905.11	Yes	Bacteria	Yes	No	299-100-29	32.97017	117.2641
<b>Office Complex</b>	<b>2195</b>	<b>San Dieguito Dr.</b>	<b>92014</b>	<b>6512</b>	<b>Commercial</b>	<b>Office (Low-Rise)</b>								✓	<b>High</b>	<b>905.11</b>	<b>Yes</b>	<b>Bacteria</b>	<b>Yes</b>	<b>No</b>	<b>299-100-35</b>	<b>32.9696</b>	<b>117.262</b>
<b>Mixed Use Complex</b>	<b>2201</b>	<b>San Dieguito Dr.</b>	<b>92014</b>	-	<b>Industrial</b>	<b>Light Industry, General</b>	✓	✓		✓	✓	✓	✓	✓	<b>High</b>	<b>905.11</b>	<b>Yes</b>	<b>Bacteria</b>	<b>No</b>	<b>No</b>	<b>299-100-34</b>	<b>32.9699</b>	<b>117.262</b>
<i>Del Mar Automotive Services</i>	2201	<i>San Dieguito Dr.</i>	92014	7538	Commercial	<i>Automotive Services</i>	✓	✓		✓			✓	✓	High	905.11	Yes	Bacteria	No	No	299-100-34	32.96972	117.2618
<i>Del Mar Blueprint</i>	2201	<i>San Dieguito Dr.</i>	92014	2752	Commercial	<i>Printing Services</i>								✓	High	905.11	Yes	Bacteria	No	No	299-100-34	32.96972	117.2618
<i>Eucalyptus Stoneware</i>	2201	<i>San Dieguito Dr.</i>	92014	3269	Industrial	<i>Pottery Manufacturing</i>		✓		✓			✓	✓	High	905.11	Yes	Bacteria	No	Yes	299-100-34	32.96972	117.2618
<i>Rose Towing, Inc.</i>	2201	<i>San Dieguito Dr.</i>	92014	7549	Commercial	<i>Automotive Services</i>		✓	✓	✓			✓	✓	High	905.11	Yes	Bacteria	No	No	299-100-34	32.96972	117.2618
<b>Brigantine Del Mar</b>	<b>3263</b>	<b>Camino del Mar</b>	<b>92014</b>	<b>5812</b>	<b>Commercial</b>	<b>Food Establishment</b>	✓	✓	✓	✓	✓	✓	✓	✓	<b>High</b>	<b>905.11</b>	<b>Yes</b>	<b>Bacteria</b>	<b>No</b>	<b>No</b>	<b>300-030-86</b>	<b>32.9607</b>	<b>117.265</b>

Inventoried Commercial and Industrial Properties listed in **Bold**.

Inventoried business tenants for each property listed in *italics*.

\* Identification of site/source that is a tributary to CWA Section 303(d) waterbody segment and potentially generates pollutants for which the waterbody segment is impaired.

\*\* Drainage from the inventoried facility leads to the Pacific Ocean.

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# **Appendix H**

## **Commercial/Industrial Patrol Protocol**

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## City of Del Mar Commercial/Industrial Patrolling Protocol

### Purpose

Routinely monitor City businesses and commercial arterials for clean water violations per the Municipal Code section 11.30. Patrolling inspections are a proactive way the City can enforce compliance with the Municipal Code, discover and abate trouble areas/hotspots, and better educate commercial and industrial business owners and property managers regarding the City's clean water requirements.

### Frequency

Patrols occur approximately monthly (12 patrols annually). Follow-up and enforcement for observed violations occurs on an as-needed basis.

### Target

Businesses along the main arterial strip in the City, including all City restaurants, active construction sites, hotels and motels, City parks and facilities, and multi-family residences (apartments and condos). In addition to the inventoried commercial/industrial properties and businesses, there are 25 municipal parks and facilities and approximately 50 multi-family properties (apartments and condominiums) that are inspected during the patrols. A city map outlining properties and parcels inspected during the patrols is shown in **Figure 1**.

### Location

Figure 1 outlines the parcels within the City routinely visited during the commercial and industrial patrols. Patrols are initiated in the following distinct areas:

- Camino del Mar from 9<sup>th</sup> Street to Sea View Ave
- 15<sup>th</sup> Street west of Camino del Mar
- Coast Blvd from 15<sup>th</sup> Street to 17<sup>th</sup> Street
- Jimmy Durante Blvd, south of the San Dieguito Lagoon
- San Dieguito Drive west of the Grand Avenue overlook
- Active construction sites within the patrol area
- Municipal Parks and Facilities, including:
  - City Hall
  - Public Works Building and Yard
  - Municipal Parks (5), Power House, and Tennis Court
  - City Reservoirs

### Description

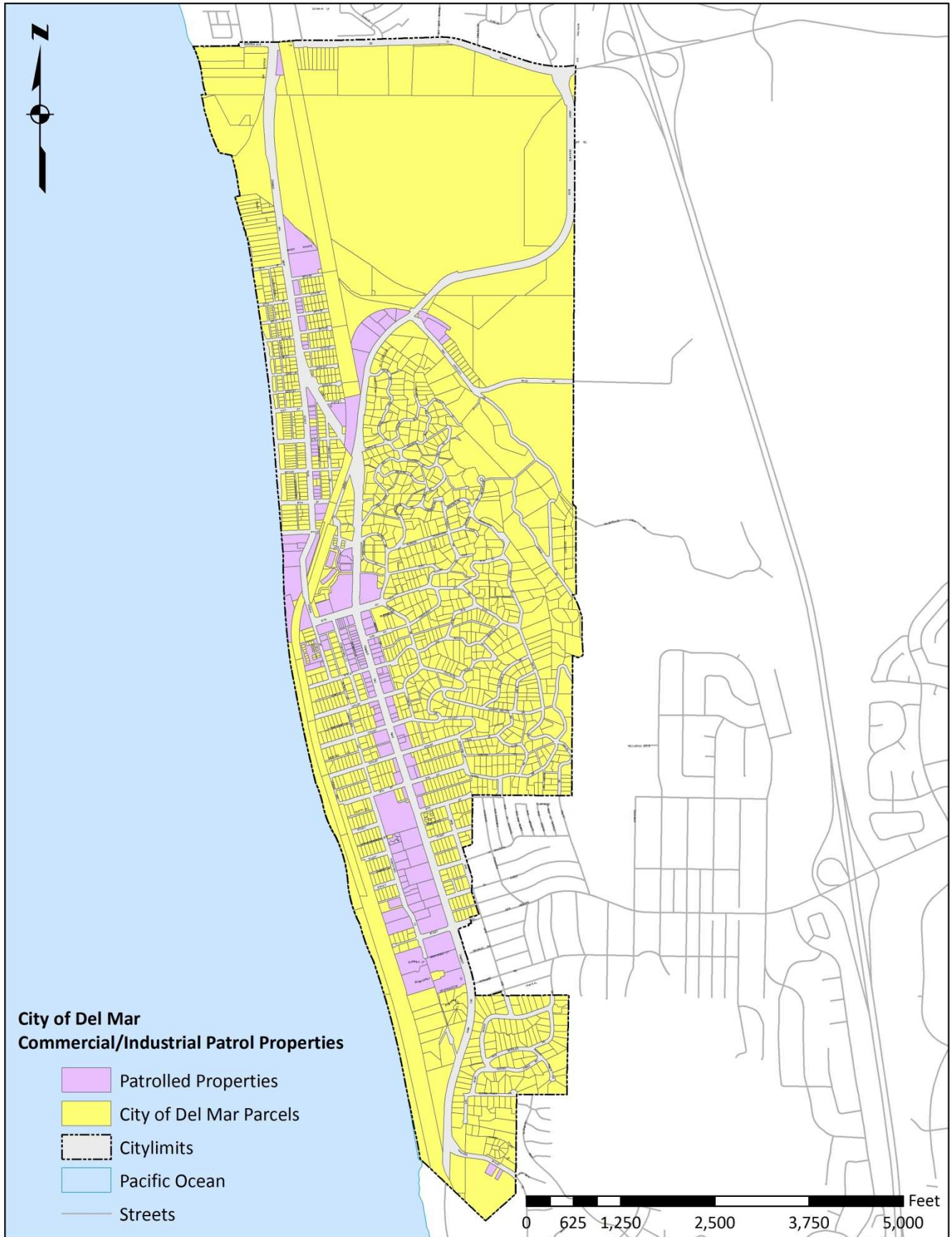
Clean Water Program personnel initiate patrols to inspect businesses within the City for clean water violations. Inspections of the businesses in the locations listed above focus on outdoor areas and activities, including trash dumpsters and grease bins, irrigation systems, washing activities, and discharges to City streets and storm drain system. Inspectors note any deficiency per the City's Municipal Code during the patrol. Contact is not initiated with the business owner or property manager unless an active IC/ID is observed, in which case all attempts are made to abate the illegal discharge.

Municipal areas are also included in the patrols. Patrolling inspections at these facilities focus on the presence of trash, animal wastes, and overall cleanliness of each site. All trash cans throughout the five (5) Municipal Parks in the City are inspected to ensure lids are tightly closed and all trash is contained. City parking lots and the Public Works Yard are inspected to confirm implementation of good housekeeping measures. If issues are noted at Municipal areas during

the inspections, Clean Water Personnel immediately follow-up with the responsible City departments in order to rectify any deficiencies.

Active construction sites along the patrol route are inspected for erosion and sediment control BMPs. Perimeters on the sites are inspected for adequate protection, stockpiles are ensured to be stabilized, and trash cans and dumpsters are inspected so that lids remain closed while not in use. If on-site, contractors are immediately notified of any deficiencies and are required to address the issues as soon as possible.

At businesses and facilities where no issues are noted, inspectors continue onto the next property or business and no further action is taken. Deficiencies observed during the patrol are logged in the City's database and letters are generated for the business owners or property managers, dependent on the business. These letters inform the owners of the particular deficiency observed at their site, the date the deficiency was observed, and the requirement that immediate action is necessary to bring the property or business into compliance. If a property is not included in the database during a particular patrol, no issue was observed during the patrolling inspection.



**Figure 1. City of Del Mar Commercial and Industrial Patrolling Properties**

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# **Appendix I**

## **Commercial/Industrial Inspection Summary**

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Appendix I - FY 2012 Commercial Industrial Patrol Inspection Summary

No.	Facility Name	Primary Services	Date Observed	Issue Observed													Letter Date	Case Closed	Comments	
				Irrigation Runoff	Leaking Hose	Leaking Fountain	Broken Sprinkler	Uncontained Hosing	Dumpster Lid	Dumpster Overflow	Excessive Trash	Grease Lid Open	Grease Stains	Excessive Leaves, Sediment	Secondary Containment	MS4 Discharge				
1	Del Mar Koi	Animal Services	8/12/2011													✓		11/11/2011	✓	Fertilizer should be stored under cover
2	Del Mar Liquor & Deli	Food Establishment	8/12/2011		✓					✓								11/11/2011	✓	Leaky hose in front Dumpster lids open
3	En Fuego, Cantina & Grill	Food Establishment	8/12/2011										✓	✓				11/11/2011	✓	Grease stains next to dumpster
4	Jimmy O's	Food Establishment	8/12/2011	✓														11/11/2011	✓	Broken sprinkler head dripping next to front patio
5	Kitchen 1540/ L'Auberge Del Mar	Food Establishment	8/12/2011	✓														11/11/2011	✓	Sprinklers overwatering on 15th Street, correct timing
6	Prep Kitchen	Food Establishment	8/12/2011							✓			✓	✓				11/11/2011	✓	Grease tracking from kitchen door
7	Rose Towing, Inc.	Automotive Services	8/12/2011							✓								11/11/2011	✓	Dumpster lid open
8	Sbicca American Bistro	Food Establishment	8/12/2011	✓										✓				11/11/2011	✓	Grease tracking from kitchen door
9	Starbucks Coffee #526	Food Establishment	8/12/2011	✓														11/11/2011	✓	Stained runoff from trash area to drain in patio; Flower shop overwatering
10	Stratford Court Café	Food Establishment	8/12/2011							✓								11/11/2011	✓	Dumpster lid open
11	Del Mar Koi	Animal Services	9/16/2011													✓		11/11/2011	✓	Fertilizer should be stored under cover
12	Del Mar Liquor & Deli	Food Establishment	9/16/2011		✓													11/11/2011	✓	Leaky hose in front; Dumpster lids open
13	En Fuego, Cantina & Grill	Food Establishment	9/16/2011											✓				11/11/2011	✓	Grease stains next to dumpster; Grease tracking from kitchen door; Dumpster lids open
14	Sbicca American Bistro	Food Establishment	9/16/2011															11/11/2011	✓	Grease tracking from kitchen door; Parking lot at 13th Street excessive leaves/sediment
15	Starbucks Coffee #526	Food Establishment	9/16/2011											✓				11/11/2011	✓	Stained runoff from trash area flowing to drain
16	2120 Jimmy Durante Office Building	Offices	10/19/2011										✓					11/11/2011	✓	Clean up rubbish at back of property
17	Board & Brew	Food Establishment	10/19/2011													✓		11/11/2011	✓	Grease bin needs secondary containment
18	Del Mar Blue Print	Printing Services	10/19/2011							✓								11/11/2011	✓	Dumpster lids open
19	Del Mar Liquor & Deli	Food Establishment	10/19/2011							✓								11/11/2011	✓	Dumpster lid open
20	En Fuego, Cantina & Grill	Food Establishment	10/19/2011											✓				11/11/2011	✓	Grease stains next to dumpster; Grease tracking from kitchen door
21	Rose Towing, Inc.	Automotive Services	10/19/2011													✓		11/11/2011	✓	(3) 2 to 3-gallon gas cans need to be placed in secondary containment
22	Sbicca American Bistro	Food Establishment	10/19/2011							✓				✓				11/11/2011	✓	Grease stains next to dumpster; Grease tracking from kitchen door; Dumpster lids open
23	Southfair Office Building	Offices	10/19/2011							✓								11/11/2011	✓	Dumpster lids open
24	Starbucks Coffee #526	Food Establishment	10/19/2011											✓				11/11/2011	✓	Stained runoff from trash area flowing to drain on property
25	The Poseidon Restaurant	Food Establishment	10/19/2011											✓				11/11/2011	✓	Dumpster lids open - Gulls and other birds in dumpsters
26	Zel's Del Mar	Food Establishment	10/19/2011											✓		✓		11/11/2011	✓	Grease stains next to dumpster; Grease tracking from kitchen door; Grease bin needs secondary containment

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No.	Facility Name	Primary Services	Date Observed	Issue Observed													Letter Date	Case Closed	Comments		
				Irrigation Runoff	Leaking Hose	Leaking Fountain	Broken Sprinkler	Uncontained Hosing	Dumpster Lid	Dumpster Overflow	Excessive Trash	Grease Lid Open	Grease Stains	Excessive Leaves, Sediment	Secondary Containment	MS4 Discharge					
27	Board & Brew	Food Establishment	11/16/2011										✓						11/18/2011	✓	Grease bin needs secondary containment and lid needs to be secured
28	Del Mar Blue Print	Printing Services	11/16/2011							✓									11/18/2011	✓	Dumpster lids open
29	Del Mar Pizza, Inc.	Food Establishment	11/16/2011							✓									11/18/2011	✓	Dumpster lids open
30	En Fuego, Cantina & Grill	Food Establishment	11/16/2011							✓				✓					11/18/2011	✓	Dumpster lids open; Grease stains next to dumpster
31	Eucalyptus Stoneware	Stone and Pottery	11/16/2011							✓									11/18/2011	✓	Dumpster lids open
32	John C. Read Construction	Contractor	11/16/2011							✓									11/18/2011	✓	Dumpster lid open
33	ManeTain Salon	Retail Business	11/16/2011							✓									11/18/2011	✓	Dumpster lid open
34	Sbicca American Bistro	Food Establishment	11/16/2011											✓	✓		✓		11/18/2011	✓	Grease stains next to dumpster; Grease tracking from kitchen door
35	Southfair Office Building	Offices	11/16/2011							✓	✓								11/18/2011	✓	Dumpster lid open, one dumpster overflowing with rubbish
36	Starbucks Coffee #526	Food Establishment	11/16/2011														✓		11/18/2011	✓	Leakage from trash area into trench drain
37	The Poseidon Restaurant	Food Establishment	11/16/2011							✓									11/18/2011	✓	Dumpster lids open
38	240-244 9th Street Office Complex	Offices	12/15/2011							✓									12/15/2011	✓	Dumpster lids open
39	Sbicca American Bistro	Food Establishment	12/15/2011									✓							12/15/2011	✓	Trash in parking lot at 13th Street
40	Southfair Office Building	Offices	12/15/2011							✓	✓	✓							12/15/2011	✓	Dumpster lids open; Trash overflowing from one dumpster
41	The Poseidon Restaurant	Food Establishment	12/15/2011										✓	✓					12/15/2011	✓	Grease bin open and secondary containment full of fluid; Grease and fluid tracked within trash area
42	Bully's North	Food Establishment	1/11/2012							✓									1/13/2012	✓	Dumpster lid open under rear stairway
43	Canterbury Del Mar	Offices	1/11/2012							✓									1/13/2012	✓	Dumpster lid open
44	En Fuego, Cantina & Grill	Food Establishment	1/11/2012							✓									1/13/2012	✓	Dumpster lid open
45	Lease1201.com	Offices	1/11/2012							✓									1/13/2012	✓	Dumpster lid open
46	Rusty Surfboards	Retail Business	1/11/2012							✓									1/13/2012	✓	Dumpster lid open
47	Sbicca American Bistro	Food Establishment	1/11/2012									✓							1/13/2012	✓	Trash in parking lot at 13th Street
48	Southfair Office Building	Offices	1/11/2012							✓	✓								1/13/2012	✓	Dumpster lids open; Trash overflowing from one dumpster
49	Starbucks Coffee #526	Food Establishment	1/11/2012					✓									✓		1/13/2012	✓	Coffee runoff from trash area to stormdrain
50	The Poseidon Restaurant	Food Establishment	1/11/2012										✓						1/13/2012	✓	Grease bin open and secondary containment full of fluid; Grease and fluid tracked within trash area
51	Southfair Office Building	Offices	2/8/2012							✓	✓								2/14/2012	✓	Dumpster lids open; Trash overflowing from one dumpster
52	Board & Brew	Food Establishment	3/5/2012							✓	✓								3/6/2012	✓	Dumpster lids open, trash and rubbish on ground; Trash overflowing from one dumpster

Appendix I - FY 2012 Commercial Industrial Patrol Inspection Summary

No.	Facility Name	Primary Services	Date Observed	Issue Observed												Letter Date	Case Closed	Comments		
				Irrigation Runoff	Leaking Hose	Leaking Fountain	Broken Sprinkler	Uncontained Hosing	Dumpster Lid	Dumpster Overflow	Excessive Trash	Grease Lid Open	Grease Stains	Excessive Leaves, Sediment	Secondary Containment				MS4 Discharge	
53	Del Mar Blue Print	Printing Services	3/5/2012						✓	✓								3/6/2012	✓	Dumpster lids open, some trash on ground; Dumpster overflowing
54	En Fuego, Cantina & Grill	Food Establishment	3/5/2012						✓	✓								3/6/2012	✓	Dumpster lids open, trash and rubbish on ground
55	Southfair Office Building	Offices	3/5/2012															3/6/2012	✓	Dumpster overflowing, rubbish stacked next to dumpster
56	Starbucks Coffee #526	Food Establishment	3/5/2012					✓									✓	3/6/2012	✓	Water discharging into to multiple drains in patio area; Evidence of uncontained hosing, discharge to MS4
57	Stratford Court Café	Food Establishment	3/5/2012						✓	✓								3/6/2012	✓	Dumpster lids open, trash and rubbish on ground
58	The Poseidon Restaurant	Food Establishment	3/5/2012									✓						3/6/2012	✓	Grease bin lid open
59	En Fuego, Cantina & Grill	Food Establishment	4/2/2012						✓	✓								4/6/2012	✓	Dumpster lids open; Trash overflowing from dumpster
60	Southfair Office Building	Offices	4/2/2012						✓									4/6/2012	✓	Two of the four dumpster lids were open
61	Starbucks Coffee #526	Food Establishment	4/2/2012					✓								✓	✓	4/6/2012	✓	Uncontained washing of trash area, leading to area drain; Potential discharge to City's MS4
62	The Poseiden Restaurant	Food Establishment	4/2/2012									✓	✓					4/6/2012	✓	Grease bin lid open; Grease stains at base of bin.
63	1307 Stratford Court	Multi-Family Residence	4/5/2012					✓									✓	4/6/2012	✓	Evidence of discharge to street from patio area drains
64	Del Mar Pizza, Inc.	Food Establishment	4/24/2012						✓									4/25/2012	✓	Dumpster lid open
65	Rusty Surfboards	Retail Business	4/24/2012						✓	✓								4/25/2012	✓	Dumpster lids open; Cardboard boxes piled up in trash area
66	Sbica American Bistro	Food Establishment	4/24/2012							✓								4/25/2012	✓	Cardboard boxes on ground in area of dumpsters
67	Southfair Office Building	Offices	4/24/2012						✓									4/25/2012	✓	Three of four dumpsters have lids open
68	1130 Camino del Mar	Offices	5/21/2012							✓	✓							5/21/2012	✓	Trash overflowing from dumpster, excessive trash on ground
69	1943-1945 Coast Blvd.	Multi-Family Residence	5/21/2012		✓							✓						5/21/2012	✓	Runoff from washing unit located at the back of the building
70	1951-1953 Coast Blvd.	Multi-Family Residence	5/21/2012		✓													5/21/2012	✓	Drainage hose extending from hot tub on deck, remind owner hot tub water needs to be dechlorinated
71	218-228 12th Street	Offices	5/21/2012													✓		5/21/2012	✓	Paint cans left uncontained outside along walkway
72	Americana	Food Establishment	5/21/2012						✓									5/21/2012	✓	Dumpster lids open along back of the building
73	En Fuego, Cantina & Grill	Food Establishment	5/21/2012						✓									5/21/2012	✓	Dumpster lids open
74	Southfair Office Building	Offices	5/21/2012						✓	✓								5/21/2012	✓	Four dumpster lids open, overflowing
75	The Poseidon Restaurant	Food Establishment	5/21/2012									✓	✓					5/21/2012	✓	Grease bin lid is open; Absorbent and grease spots in trash area
<b>Totals</b>				<b>5</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>37</b>	<b>15</b>	<b>7</b>	<b>11</b>	<b>15</b>	<b>1</b>	<b>9</b>	<b>6</b>				

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## **Appendix J**

# **Mobile Business Inventory**

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Appendix J - Mobile Business Inventory

Firm Name	Business Type	Firm Address	City	State	Zipcode	Phone Number	In/Out
ADT Security Services, Inc.	Alarm Service	3830 Calle Fortunada	San Diego	CA	92123	(561) 988-6269	Outside
Bay Alarm Company	Alarm Service	60 Berry Dr	Pacheco	CA	94553	(925) 935-1100	Outside
Devcon Security Services Of California	Alarm Service	5840 El Camino Real #115	Carlsbad	CA	92008	(954) 926-1800	Outside
DHF Inc.	Alarm Service	12315 Oak Knoll Rd 300	Poway	CA	92064	(858) 699-4379	Outside
Electrical Sys Inc Dba Knight Security	Alarm Service	2418 Auto Park Way	Escondido	CA	92029	(760) 745-3604	Outside
Ranch & Coast Security, Inc.	Alarm Service	9540 Waples St #D	San Diego	CA	92121	(858) 657-9100	Outside
U.S. Security Associate Inc.	Alarm Service	5893 Oberline Dr Ste 108	San Diego	CA	92121	(770) 625-1500	Outside
Pacific Ambulance, Inc.	Ambulance	5550 Oberlin Drive Suite A	San Diego	CA	92121	(858) 571-4894	Outside
Kimty Inc Dba Bumper Rescue	Auto Detailer	2920 Damon Ave #4	San Diego	CA	92109	(619) 286-7377	Outside
Polished Image Mobile Detailing	Auto Detailer	410 Sunrise Pl	Vista	CA	92084	(760) 724-4233	Outside
Pristine Auto Detailing	Auto Detailer	PO Box 103	Del Mar	CA	92014	(760) 822-6363	Outside
Zimms Detail	Auto Detailer	1420 Palomar Drive	San Marcos	CA	92069	(760) 717-2185	Outside
Ralph Walno	Carpentry	2540 Kirkland Avenue	Escondido	CA	92029	(760) 715-0350	Outside
Royal Industries, Inc.	Carpentry	1260 E Grand Avenue	Pomona	CA	91766	(909) 629-8565	Outside
ABO Catering Inc.	Catering	2286 Sunshine Mountain Road	San Marcos	CA	92069	(760) 535-5760	Outside
Afarand Corp. Dba Bearclaw Coffee	Catering	16061 Via De Las Palmas	Rancho Santa Fe	CA	92091	(858) 761-3361	Outside
Amir's Catering & Event Planning	Catering	2565 Abedul St	Carlsbad	CA	92009	(760) 929-0707	Outside
Authentic Flavors Catering	Catering	7004 Carroll Rd	San Diego	CA	92121	(858) 404-0606	Outside
Bar None Barbeque, Inc	Catering	7401 Princess View Dr Ste E	San Diego	CA	92120	(619) 285-0801	Outside
Bar Works Catering	Catering	8504 Commerce Ave	San Diego	CA	92121	(858) 566-6077	Outside
Behind The Scenes, Inc.	Catering	9888 Waples St	San Diego	CA	92121	(858) 638-1400	Outside
Bekker's West Coast Catering	Catering	7455 Mission Gorge Rd	San Diego	CA	92120	(619) 287-9027	Outside
Buckboard Catering	Catering	9265 Activity Rd 108	San Diego	CA	92126	(858) 748-1617	Outside
Bull Taco, Llc	Catering	2133 Edinburg Avenue	Cardiff By The Sea	CA	92007	(760) 505-2876	Outside
California Cuisine	Catering	109 W F Street	San Diego	CA	92101	(619) 543-0790	Outside
Cardiff Seaside Market	Catering	2087 San Elijo Avenue	Cardiff By The Sea	CA	92007	(760) 753-5445	Outside
Catering By Barry Layne, Inc.	Catering	113 East Grand Avenue	Escondido	CA	92029	(760) 212-7780	Outside
Continental Catering	Catering	8238 Parkway Dr	La Mesa	CA	91942	(619) 698-3500	Outside
Crown Point Catering, Inc.	Catering	4927 Voltaire St	San Diego	CA	92107	(619) 223-1211	Outside
David Tepper	Catering	2940 Lincoln Ave.	San Diego	CA	92104	(619) 282-1064	Outside
Dinners By David Inc.	Catering	9001 Towne Centre Drive	San Diego	CA	92122	(619) 518-3935	Outside
El Nopalito, Inc.	Catering	560 Santa Fe Dr	Encinitas	CA	92024	(760) 436-5775	Outside
Evergreen Cuisine, LLC	Catering	9950 Scripps Vista Way Unit #128	San Diego	CA	92131	(619) 917-2685	Outside
Feast On This Inc.	Catering	8395 Camino Santa Fe Ste D	San Diego	CA	92121	(858) 597-0740	Outside
Food Steps Inc. Porkyland	Catering	646 University Avenue	San Diego	CA	92103	(619) 233-5139	Outside
Forrealbarteneders	Catering	4603 Brighton Avenue	San Diego	CA	92107	(619) 251-4076	Outside
Four Seasons Foods	Catering	4230 Voltaire Ave	San Diego	CA	92107	(619) 221-0087	Outside
Fresh Fries	Catering	226 Grand Avenue #203	Long Beach	CA	90803	(323) 715-7446	Outside
Happy Tiers Bakery, Llc	Catering	4445 Clairemont Mesa Boulevard	San Diego	CA	92117	(619) 800-2253	Outside
Hospitality Inc.	Catering	9558 Camino Ruiz	San Diego	CA	92126	(619) 586-2121	Outside
I Love Tacos Catering	Catering	6187 University Avenue	San Diego	CA	92115	(619) 303-8567	Outside
Isaac's Bakery Del, Dba Isaac's Catering	Catering	2051 Palomar Airport Rd Ste 175	Carlsbad	CA	92011	(760) 931-0267	Outside
J.W. Strauss Llc	Catering	514 Via De La Valle Ste. 100	Solana Beach	CA	92075	(858) 792-9090	Outside
Katman Inc.	Catering	8575 Commerce Ave	San Diego	CA	92121	(858) 530-1885	Outside
Las Olas Inc.	Catering	2655 S Highway 101	Cardiff	CA	92007	(760) 942-1860	Outside
Major Events	Catering	6695 Wanpermere Drive	San Diego	CA	92120	(619) 823-7060	Outside
ME - Food Services	Catering	4126 Executive Drive	San Diego	CA	92115	(619) 254-4420	Outside
Metro Catering	Catering	6625 Top Gun St #101	San Diego	CA	92121	(858) 626-2800	Outside
Monsoon Investments	Catering	3960 5th Ave	San Diego	CA	92103	(619) 297-7777	Outside
Old Venice Restaurant	Catering	2910 Canon Street	San Diego	CA	92106		Outside
One Perfect Pear Catering	Catering	139 Swallow Ln	Oceanside	CA	92057	(760) 978-7420	Outside
Pacific Coast Grill Inc	Catering	143 S Cedros Ave Suite T	Solana Beach	CA	92075	(858) 794-4632	Outside
Paragon Hospitality Enterprises, Hunter Steakhouse	Catering	1221 Vista Way	Oceanside	CA	92054	(760) 433-2633	Outside

Appendix J - Mobile Business Inventory

Firm Name	Business Type	Firm Address	City	State	Zipcode	Phone Number	In/Out
Peartrees Catering, Inc.	Catering	2243 Verus Street	San Diego	CA	92154	(619) 575-5500	Outside
Phil's B.B.Q.	Catering	3750 Sports Arena Blvd	San Diego	CA	92110	(619) 814-0050	Outside
Premier Food Services Management Group, Inc.	Catering	7966 Arjons Drive	San Diego	CA	92126	(858) 621-5151	Outside
Ranch Catering, Inc.	Catering	1935 Quivira Way	San Diego	CA	92109	(619) 398-4840	Outside
Rasta Taco	Catering						Outside
RBR Livingroom Inc.	Catering	5900 El Cajon Boulevard	San Diego	CA	92115	(619) 286-8434	Outside
Rotisserie Affair Catering	Catering	P O Box 927473	San Diego	CA	92192	(858) 578-8891	Outside
Sabor De Vida	Catering	1505 Fair Encinitas Drive	Encinitas	CA	92024	(760) 454-0432	Outside
Saffron	Catering	3731-B India St	San Diego	CA	92103	(619) 574-0048	Outside
San Diego Catering Concepts	Catering	570 Marina Pkwy	Chula Vista	CA	91910	(619) 223-1722	Outside
Slice Of Heaven Catering	Catering	3830 Oceanic Drive Ste 411	Oceanside	CA	92056	(760) 721-1054	Outside
Smokehouse Catering	Catering	1220 E Mission Road	San Marcos	CA	92069	(800) 737-3614	Outside
Stir Fresh	Catering	17120 Bernardo Center Dr	San Diego	CA	92128	(858) 385-0020	Outside
Sunstone Durante Lessee, Inc	Catering	15575 Jimmy Durante Blvd	Del Mar	CA	92014	(858) 792-5200	Outside
Tacos And Gorditas Para Sus Fiestas	Catering	2445 Otay Center Drive #112	San Diego	CA	92154	(619) 540-9877	Outside
Tacos El Gordo De Tijuana Bc, Inc.	Catering	1351 Third Ave	Chula Vista	CA	91911	(619) 424-7465	Outside
Taqueria El Rancho	Catering	8040 Orangewood Avenue	Stanton	CA	90680	(714) 893-8442	Outside
The Abbey Catering	Catering	3361 Sandrock Rd.	San Diego	CA	92103	(619) 471-5656	Outside
The Barrel Room	Catering	16765 Bernardo Center Drive Suite 1	San Diego	CA	92128	(858) 673-7512	Outside
The Flavor Chef	Catering	6753 Corintia St	Carlsbad	CA	92009	(760) 685-2433	Outside
The French Gourmet, Inc.	Catering	960 Turquoise St	San Diego	CA	92109	(858) 488-1725	Outside
The Wild Thyme Company	Catering	7163 Construction Ct Ste B	San Diego	CA	92121	(858) 527-0226	Outside
Toast	Catering	7000 Saranac Street #72	La Mesa	CA	91942	(858) 208-9422	Outside
Urban Solace	Catering	3823 30th Street	San Diego	CA	92104	(619) 295-6464	Outside
Waters Fine Catering	Catering	1105 W Morena Blvd	San Diego	CA	92110	(619) 276-8803	Outside
Yapos Home Catering	Catering	3084 Massasoit Ave	San Diego	CA	92117	(858) 663-9276	Outside
Your Chef Robert	Catering	728 Crest Rd	Del Mar	CA	92014	(858) 837-2736	Inside
Aks Landscape & Design, Inc.	Construction Services	1755 Alta Vista Drive	Vista	CA	92084	(760) 802-5677	Outside
Apex Construction	Construction Services	29536 Avenida Del Sol	Temecula	CA	92591	(951) 693-1969	Outside
Carroll Metal Works, Inc.	Construction Services	740 W 16th Street	National City	CA	91950	(619) 477-9125	Outside
Clark General Engineering	Construction Services	1355 Waterbury Court	San Marcos	CA	92078	(760) 473-1373	Outside
Contract Hospitality Installation Corporation	Construction Services	850 Enterprise Way	Fullerton	CA	92831	(714) 888-3200	Outside
GDC Construction, Inc.	Construction Services	1031 Silverado St	La Jolla	CA	92037	(858) 551-5222	Outside
Geogrid Retaining Wall Systems, Inc.	Construction Services	1295 Distribution Way	Vista	CA	92081	(760) 509-0079	Outside
HP Communications, Inc.	Construction Services	13341 Temescal Canyon Rd.	Corona	CA	92883	(951) 471-1919	Outside
Interwest Pacific, Ltd	Construction Services	990 S Highland Dr #212	Solana Beach	CA	92075	(858) 259-2062	Outside
James Chambers Construction	Construction Services	Po Box 1571	Solana Beach	CA	92075	(858) 806-2039	Outside
Jim Woodard Tile	Construction Services	225 Marcheta Street	Encinitas	CA	92024	(760) 522-3295	Outside
Marathon Construction Corporation	Construction Services	10108 Riverford Road	Lakeside	CA	92040	(619) 276-4401	Outside
Nelle Const Inc.	Construction Services	1102 Klish Way	Del Mar	CA	92014	(858) 481-2884	Inside
Orlando Masonry	Construction Services	656 Mar Vista Drive	Vista	CA	92081	(760) 519-8241	Outside
Pacific Drilling Co.	Construction Services	5220 Anna Ave. Ste A	San Diego	CA	92110	(619) 294-3682	Outside
Penhall Company	Construction Services	5775 Eastgate Drive	San Diego	CA	92121	(714) 772-6450	Outside
Rocky Mountain Plastering Inc.	Construction Services	3827 Hawk Street	San Diego	CA	92103	(619) 296-0816	Outside
Silva Ortiz	Construction Services	1859 Bacon Street	San Diego	CA	92107	(619) 501-4659	Outside
T.V.D. Inc	Construction Services	1447 Sommerset	Cardiff By The Sea	CA	92007	(619) 851-9773	Outside
Tom Nelson, General Contractor	Construction Services	236 24th St.	Del Mar	CA	92014	(858) 735-6857	Inside
Unique Concepts, Inc.	Construction Services	6390 Greenwich Drive Suite 240	San Diego	CA	92122	(858) 586-1045	Outside
Watershape Consulting Inc.	Construction Services	140 Lomas Santa Fe Drive Ste 202	Solana Beach	CA	92075-1252	(858) 720-7001	Outside
Westransco, Inc. Dba Road Inc.	Construction Services	1650 S Claudina Way Unit A	Anaheim	CA	92805	(714) 533-8787	Outside
Window Vision, Inc.	Construction Services	777 S Highway 101 Ste 100	Solana Beach	CA	92075	(858) 345-1076	Outside
Winstead & Sons Custom Builders	Construction Services	39886 Falcon Way	Murrieta	CA	92562	(951) 461-8467	Outside

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Firm Name	Business Type	Firm Address	City	State	Zipcode	Phone Number	In/Out
Wurfl Construction	Construction Services	3413 Carleton St	San Diego	CA	92106	(858) 353-9755	Outside
A.R. Bardsley Construction	Contractor - General	PO Box 512	Jamul	CA	91935	(619) 669-6593	Outside
AAA Electrical & Communications Inc.	Contractor - General	25007 Anza Drive	Valencia	CA	91355	(818) 897-7800	Outside
Aemesco Inc. Db a Marsha Sewell & Assoc.	Contractor - General	631 5th Ave	San Diego	CA	92101	(619) 696-7575	Outside
Alliance Residential Builders Ii G. P., Inc	Contractor - General	1980 Kettner Boulevard	San Diego	CA	92101	(858) 876-9380	Outside
American Technologies Inc.	Contractor - General	8444 Miralani Dr	San Diego	CA	92126	(858) 530-2400	Outside
Apex Pacific, Inc.	Contractor - General	8911 Complex Dr Ste F	San Diego	CA	92123	(858) 496-0072	Outside
Armstrong Mahoney/Enterprises Inc.	Contractor - General	1531 Tennis Match Way	Encinitas	CA	92024	(760) 855-1123	Outside
Armstrong-Mchugh Corp	Contractor - General	2201 San Dieguito Dr	Del Mar	CA	92014	(858) 755-4917	Inside
Arrow Pipeline Repair Inc	Contractor - General	1330 Park Center Drive #101	Vista	CA	92081	(760) 476-9388	Outside
B. B. Concrete Construction Inc.	Contractor - General	734 E 7th Avenue	Escondido	CA	92025		Outside
B. A. Worthing, Inc	Contractor - General	P O Box 1041	Carlsbad	CA	92018	(760) 729-3965	Outside
Besemer Construction Inc	Contractor - General	5159 Del Mar Mesa Rd	San Diego	CA	92130	(858) 755-2987	Outside
Bowker Builders	Contractor - General	5285 Triple Grown	Bonsall	CA	92003	(760) 726-2434	Outside
Carrion Construction, Inc.	Contractor - General	3432 Fenelon Street	San Diego	CA	92106	(619) 523-0050	Outside
Casias Construction Inc	Contractor - General	13162 Hwy 8 Bus#116	El Cajon	CA	92021	(8582) 048-4770	Inside
Christopher Meier General Contractor	Contractor - General	5615 Alpine Boulevard	Alpine	CA	91901	(619) 602-9939	Outside
Construction Rhino Inc.	Contractor - General	9941 Possum Circle Lane	El Cajon	CA	92019	(619) 778-1110	Outside
Cornerstone Construction	Contractor - General	3734 Lake Ridge Rd	Fallbrook	CA	92028	(760) 518-8941	Outside
Crest Construction	Contractor - General	1146 Range View Road	Vista	CA	92084	(760) 455-7094	Outside
CRS Company	Contractor - General	1045 San Julian Drive	San Marcos	CA	92078	(760) 975-9698	Outside
Dana Construction	Contractor - General	315 First Street Ste U #53	Encinitas	CA	92021	(760) 807-3373	Outside
Del Mar Restoration	Contractor - General	P O Box 2646	Del Mar	CA	92014	(858) 793-3456	Inside
Don Hubbard Contracting	Contractor - General	1015-A Linda Vista Dr	San Marcos	CA	92078	(760) 736-3241	Outside
Drill Tech Drilling & Shoring, Inc.	Contractor - General	2200 Wymore Way	Antioch	CA	94509	(925) 978-2060	Outside
EC Constructors, Inc	Contractor - General	9834 River Street	Lakeside	CA	92040	(619) 440-7181	Outside
European Design	Contractor - General	P. O. Box 26484	San Diego	CA	92196	(858) 952-8638	Outside
FDR Construction Inc	Contractor - General	433 W 2nd Ave Ste 2106	Escondido	CA	92025	(760) 690-2500	Outside
Flatiron Electric Group, Inc.	Contractor - General	7911-A Pine Avenue	Chino	CA	91708	(714) 228-9361	Outside
Flatiron West, Inc	Contractor - General	1770 La Costa Meadows Dr	San Marcos	CA	92078	(760) 916-9100	Outside
Foshay Electric Co, Inc	Contractor - General	7676 Engineer Rd	San Diego	CA	92111	(858) 277-7676	Outside
Four By Four Construction	Contractor - General	1055 Torrey Pines Rd/Ste 201	La Jolla	CA	92037	(858) 456-0610	Outside
Galen Pavelko Inc.	Contractor - General	234 27th St	Del Mar	CA	92014	(858) 794-0096	Inside
Gonzalez Construction	Contractor - General	200 High Street	Lake Elsinore	CA	92530	(951) 490-7524	Outside
Graybird Construction Co., Inc.	Contractor - General	1470 Portofino Dr	Vista	CA	92081	(760) 803-1732	Outside
Hansen Construction Inc	Contractor - General	9633 Lamar Street	Spring Valley	CA	91977	(619) 465-7405	Outside
Hanson Aggregates Pacific	Contractor - General	Southwest, Inc. 9229 Harris Plant Rd	San Diego	CA	92163	(858) 277-5481	Outside
Harvey, Inc.	Contractor - General	8973 Complex Drive	San Diego	CA	92123	(858) 769-4000	Outside
Hidden Valley Backhoe & Trucking Inc.	Contractor - General	545 Clarence Lane	Escondido	CA	92029	(760) 802-7938	Outside
Hintz Construction	Contractor - General	2535 Navarra Dr B-8	Carlsbad	CA	92009	(760) 944-2987	Outside
Hoppe Construction	Contractor - General	1605 California Street	Oceanside	CA	92054	(760) 519-4021	Outside
Hulstine Builders Inc.	Contractor - General	7433 Alti va Place	Carlsbad	CA	92009	(619) 991-0037	Outside
I.C.E. Builders Inc.	Contractor - General	421 E Cerritos Ave	Anaheim	CA	92805	(714) 491-1317	Outside
J.M. Keystone, Inc	Contractor - General	2709 Via Orange Wy # A	Spring Valley	CA	91978	(619) 466-9876	Outside
J.W. Groszwith Custom Building	Contractor - General	PO Box 1016	Del Mar	CA	92014	(858) 481-0740	Inside
JDH Construction Co. Inc. Db a Hanley Construction	Contractor - General	993 Lomas Santa Fe Ste-A	Solana Beach	CA	92075	(858) 481-6465	Outside
John C. Read Construction Co.	Contractor - General	2126 Jimmy Durante Blvd	Del Mar	CA	92014	(858) 453-2100	Inside
John Douglas Construction	Contractor - General	526 Stanley Avenue	Escondido	CA	92026	(619) 977-8954	Outside
Kitchell Contractors, Inc.	Contractor - General	853 Camino Del Mar Suite 200	Del Mar	CA	92014	(858) 947-5144	Inside
Kitchell Custom Homes, Inc.	Contractor - General	1707 E Highland Ave	Phoenix	CA	85016	(602) 222-5300	Outside
Knox Roofing Co	Contractor - General	359 San Dimas Ave	Oceanside	CA	92057	(760) 473-4545	Outside
Kyne Construction Inc	Contractor - General	9215 Briette Pl	El Cajon	CA	92021	(619) 749-2400	Outside

Appendix J - Mobile Business Inventory

Firm Name	Business Type	Firm Address	City	State	Zipcode	Phone Number	In/Out
Lee Aust Construction Inc.	Contractor - General	7422 Girard Avenue	La Jolla	CA	92037	(858) 459-6655	Outside
M.L. Larson Construction, Inc.	Contractor - General	1689 Lawndale Road	El Cajon	CA	92019	(619) 590-1903	Outside
Maile Construction	Contractor - General	2348 La Costa Ave #216	Carlsbad	CA	92009	(760) 707-4543	Outside
Marco General Construction	Contractor - General	4822 1/2 Mc Kinley Ave	Los Angeles	CA	90011	(323) 719-5762	Outside
Market Spring Inc.	Contractor - General	1779 Seaview Ave	Del Mar	CA	92014	(858) 792-5797	Inside
Marzola Construction Co Inc	Contractor - General	17025 Industry Place	La Mirada	CA	90638	(714) 522-8909	Outside
Masco Contractor Services Of California, Inc.	Contractor - General	13000 Kirkham Way Suite 101	Poway	CA	92064	(386) 304-2222	Outside
Mc Cauley Builders	Contractor - General	2526 Meadowmist Ln	Olivenhain	CA	92024	(760) 436-5097	Outside
Mike Lloyd Excavating, Inc.	Contractor - General	PO Box 1994	Fallbrook	CA	92088	(760) 728-8661	Outside
Mulvey Custom Builders, Inc.	Contractor - General	2120 Jimmy Durante Blvd	Del Mar	CA	92014	(858) 756-0520	Inside
Murray Lampert Construction	Contractor - General	3545 Camino Del Rio Suite C	San Diego	CA	92108	(619) 285-9222	Outside
Ortiz Construction	Contractor - General	1029 Nolan Lane	Chula Vista	CA	91911	(619) 666-4523	Outside
Pacifica Contracting, Inc	Contractor - General	PO Box 90668	San Diego	CA	92169-2668	(858) 483-9988	Outside
Parker Construction	Contractor - General	3202 Via Arcilla	San Diego	CA	92111	(858) 278-7922	Outside
Paul Hock	Contractor - General	1125 Camino Del Mar Ste E	Del Mar	CA	92014	(858) 259-5102	Inside
Peter Madsen Builder, Inc.	Contractor - General	7618 Reposado Dr	Carlsbad	CA	92009	(760) 943-9766	Outside
Piperin Corporation	Contractor - General	1472 Golden Sunset Drive	San Marcos	CA	92078	(760) 510-6747	Outside
Premier Custom Builders	Contractor - General	3755 Dalbergia Street	San Diego	CA	92113	(619) 501-4183	Outside
R.D. Olson Construction Inc.	Contractor - General	2955 Main Street Third Floor	Irvine	CA	92614	(949) 474-2001	Outside
Reconstruction Experts	Contractor - General	2385 Camino Vida Roble Suite 102	Carlsbad	CA	92011	(760) 476-9606	Outside
Reese Building Services, Inc	Contractor - General	8677 Villa La Jolla Dr #1142	La Jolla	CA	92037	(619) 822-2010	Outside
Rens Masonry Inc	Contractor - General	PO Box 461210	Escondido	CA	92046	(760) 738-8827	Outside
RGB Group, Inc.	Contractor - General	2602 State Street	San Diego	CA	92103	(619) 293-3377	Outside
Richard Thaisz Construction Inc	Contractor - General	1403 Caminito Septimo	Cardiff	CA	92007	(760) 635-1640	Outside
Rivera Construction Inc.	Contractor - General	3221 Calle Vallarta	Carlsbad	CA	92009	(760) 633-3744	Outside
Ron Turner Construction	Contractor - General	6034 Gregory St	San Bernardino	CA	92407	(909) 910-7236	Outside
Rowe Construction Co, Inc.	Contractor - General	3236 Eureka Pl	Carlsbad	CA	92008	(760) 434-0377	Outside
San Diego Stucco, Inc.	Contractor - General	625 North Avenue	Vista	CA	92083	(619) 238-0455	Outside
SCW Contracting Corporation	Contractor - General	2525 N Old Highway 395	Fallbrook	CA	92028	(760) 728-1308	Outside
Shaw General Contractors	Contractor - General	10272 Waterridge Circle #233	San Diego	CA	92121	(858) 345-0835	Outside
So Cal Contracting, Inc.	Contractor - General	558 #2 Birch Street	Lake Elsinore	CA	92530	(951) 471-8663	Outside
Southland Paving, Inc.	Contractor - General	361 N Hale Avenue	Escondido	CA	92029	(760) 747-6895	Outside
Sweig General Contracting, Inc	Contractor - General	5328 Metro St	San Diego	CA	92110	(619) 325-6333	Outside
Synergy Electric- Marathon Construction	Contractor - General	10740 Kenney St. Suite 402	Santee	CA	92071	(619) 276-4401	Outside
Tog Consultants	Contractor - General	1155 Camino Del Mar 145	Del Mar	CA	92014	(858) 705-4445	Inside
Tony Parker General Builders	Contractor - General	14914 Eastvale Road	Poway	CA	92064	(858) 391-1430	Outside
Torrey Development Group	Contractor - General	624 Via De La Valle	Solana Beach	CA	92075	(619) 602-7475	Outside
Trident Development Groupe, Inc.	Contractor - General	367 Shoemaker Avenue	Solana Beach	CA	92075	(760) 801-7653	Outside
Us Building & Development, A Division	Contractor - General	1150 Camino Del Mar	Del Mar	CA	92014	(858) 350-0710	Inside
Venture Enterprises	Contractor - General	10120 Via Marmol	Escondido	CA	92026	(760) 489-8596	Outside
Viemeister Construction	Contractor - General	1607 Tennis Match Wy	Encinitas	CA	92024	(858) 204-7684	Outside
Wardell Builders, Inc.	Contractor - General	649 Valley Ave Ste A	Solana Beach	CA	92075-2429	(858) 793-4190	Outside
Western Foundations & Shoring, Inc.	Contractor - General	10875 Highway 67	Lakeside	CA	92040	(619) 561-3510	Outside
Whillock Contracting Inc	Contractor - General	346 Front St	El Cajon	CA	92020	(619) 579-0700	Outside
Whitcomb Construction Co. Inc	Contractor - General	7255 La Soldadera	Rancho Santa Fe	CA	92067	(858) 232-8301	Outside
Zeis Construction	Contractor - General	PO Box 226	Solana Beach	CA	92075	(858) 481-8003	Outside
A & A Glass & Mirror Co.	Contractor - Specialty	974 E Rancheros Road	San Marcos	CA	92069	(760) 744-1010	Outside
A & D Glass Inc.	Contractor - Specialty	1903 West Vista Way	Vista	CA	92083	(760) 758-1673	Outside
A & L Tile	Contractor - Specialty	847 Durward Street	Chula Vista	CA	91910	(619) 578-5922	Outside
A + B Sheet Metal	Contractor - Specialty	13420 Orange Blossom Lane	Poway	CA	92064	(619) 987-9058	Outside
A.O. Reed & Co., Inc.	Contractor - Specialty	4777 Ruffner St	San Diego	CA	92111	(858) 565-4131	Outside
AAAA DbA Drain Patrol	Contractor - Specialty	7764 Arjons Dr	San Diego	CA	92126	(858) 560-1137	Outside

Appendix J - Mobile Business Inventory

Firm Name	Business Type	Firm Address	City	State	Zipcode	Phone Number	In/Out
ABC Liovin Drilling, Inc.	Contractor - Specialty	1180 East Burnett Street	Signal Hill	CA	90755	(562) 981-8575	Outside
Abundant Sun Sustainable Solution	Contractor - Specialty	2136 San Dieguito Drive	Del Mar	CA	92014	(858) 755-3740	Inside
Accurate Comfort Systems Inc.	Contractor - Specialty	2750 S Santa Fe Ave	San Marcos	CA	92069	(760) 727-4152	Outside
Acralight International Skylights	Contractor - Specialty	1831 S Ritchey Street	Santa Ana	CA	92705	(714) 258-7022	Outside
Action Concrete Pumping	Contractor - Specialty	14311 Old Community Road	Poway	CA	92064	(858) 486-4336	Outside
ADG Overhead Doors Inc.	Contractor - Specialty	7933 Silverton Ave #716	San Diego	CA	92126	(858) 481-3123	Outside
Aelott Air Conditioning	Contractor - Specialty	812 W Washington Avenue	Escondido	CA	92025	(760) 746-1333	Outside
Air Plus Mechanical, Inc.	Contractor - Specialty	4203 Genesee	San Diego	CA	92117	(858) 505-8711	Outside
Alarms Unlimited/Custom Electronics	Contractor - Specialty	4584 Park Blvd	San Diego	CA	92116	(619) 297-4500	Outside
Alcal Specialty Contracting, Inc.	Contractor - Specialty	1232 Simpson Way Ste B	Escondido	CA	92029	(951) 231-6700	Outside
All Phase Development	Contractor - Specialty	P. O. Box 643	Imperial Beach	CA	91932	(619) 429-3538	Outside
All Star Water Heaters	Contractor - Specialty	30300 Pueuto Vallarta	Menifee	CA	92584	(951) 712-5115	Outside
Alliance Environmental Group, Inc.	Contractor - Specialty	8390 Juniper Creek Ln	San Diego	CA	92126	(619) 229-6135	Outside
Aloha Painting	Contractor - Specialty	3667 Via Bernardo	Oceanside	CA	92056	(760) 505-3282	Outside
Alpha Fire Protection	Contractor - Specialty	4203 Genesee Avenue #103-424	San Diego	CA	92117	(760) 727-6993	Outside
Alpine Plumbing & Backhoe Inc	Contractor - Specialty	2538 Alpine Blvd	Alpine	CA	91901	(619) 445-5288	Outside
Alr Nevada, Inc.	Contractor - Specialty	3516 Seagate Way #100	Oceanside	CA	92056	(760) 727-3247	Outside
Am Cabinets Inc.	Contractor - Specialty	239 East Gardena Boulevard	Gardena	CA	90248	(310) 532-1919	Outside
American Insulation, Inc.	Contractor - Specialty	8305 Miralani Dr	San Diego	CA	92126	(858) 527-0100	Outside
American Marble-Kammerer Ent	Contractor - Specialty	1280 N Melrose Dr	Vista	CA	92083	(760) 560-0550	Outside
American Residential Services	Contractor - Specialty	9895 Olson Dr Ste A	San Diego	CA	92121	(858) 677-5455	Outside
Anderson Drilling/Sja Inc	Contractor - Specialty	10303 Channel Road	Lakeside	CA	92040	(619) 443-3891	Outside
Andrew Electric	Contractor - Specialty	32110 Highway 94	Campo	CA	91906	(619) 445-8955	Outside
Ankeney Bros Painting, Inc	Contractor - Specialty	879 Starflower Rd	Encinitas	CA	92024	(760) 944-2930	Outside
Apache Asphalt & Seal Corp	Contractor - Specialty	989 Postal Way	Vista	CA	92083	(760) 598-8855	Outside
Apptek Coachella Inc	Contractor - Specialty	10685 Roselle St #200	San Diego	CA	92121	(858) 875-1850	Outside
Apw Construction, Inc Dba Ace Fence Company	Contractor - Specialty	727 N Glendora Ave	La Puente	CA	91744	(626) 333-0727	Outside
Aquatech Raingutters	Contractor - Specialty	4965 Brighton Ave	San Diego	CA	92107	(619) 248-9297	Outside
Arbor West Tree Surgeons, Inc.	Contractor - Specialty	8553 Avenida Costa Blanca	San Diego	CA	92154	(619) 661-5001	Outside
Archibald Inc. Dba Affordable Rain Gutters	Contractor - Specialty	1402 N Magnolia Ave	El Cajon	CA	92020	(619) 469-0400	Outside
ARS Of San Diego #8118	Contractor - Specialty	8949 Kenamar Dr 110	San Diego	CA	92121	(858) 805-0613	Outside
B & F Supply, Inc.	Contractor - Specialty	5601 Engineer Drive	Huntington Beach	CA	92649	(714) 894-5337	Outside
Baj Backflow & Plumbing	Contractor - Specialty	125 Willowside Terrace	Alpine	CA	91901	(619) 241-1990	Outside
Banker Insulation Of Ca, Inc	Contractor - Specialty	2357 Auto Park Way	Escondido	CA	92029	(760) 738-6980	Outside
Barbara Reed's Pro. Cleaning	Contractor - Specialty	13676 Cynthia Lane	Poway	CA	92064	(858) 748-6227	Outside
Barton Electric	Contractor - Specialty	4089 Helena St	Fallbrook	CA	92028	(760) 723-1651	Outside
Benchmark Landscape Inc	Contractor - Specialty	12575 Stowe Dr	Poway	CA	92064	(858) 513-7190	Outside
Besek Electric	Contractor - Specialty	525 F St.	Chula Vista	CA	91910	(619) 691-8748	Outside
Betz Concrete Inc.	Contractor - Specialty	737 W 4th Avenue	Escondido	CA	92025	(760) 737-0444	Outside
Beyer Heating & Air Conditioning	Contractor - Specialty	772 Jamacha Rd Pmb 348	El Cajon	CA	92019	(619) 579-1139	Outside
Bill Howe Plumbing, Inc	Contractor - Specialty	1364 Morena Blvd	San Diego	CA	92110	(619) 286-6348	Outside
Black Hawk Electric Co. Inc	Contractor - Specialty	298 Enterprise St. #C	Escondido	CA	92029	(619) 286-0360	Outside
Black Mountain Plumbing, Inc.	Contractor - Specialty	9909 Hibert St. # E	San Diego	CA	92131	(858) 536-4161	Outside
Blue Moon Pools, Inc.	Contractor - Specialty	8606 Argent Street H	Santee	CA	92071	(619) 258-7665	Outside
Bonner Enterprise Inc.	Contractor - Specialty	4757 Renex Place	San Diego	CA	92117	(858) 573-0165	Outside
Brewer Corp. Dba Brewer Crane & Rigging	Contractor - Specialty	12570 Highway 67	Lakeside	CA	92040	(619) 390-8252	Outside
Brian Cox Mechanical, Inc.	Contractor - Specialty	12155 Kirkham Rd	Poway	CA	92064	(858) 679-5757	Outside
Burke Lighting Design, Inc.	Contractor - Specialty	4886 Monroe Avenue	San Diego	CA	92115	(619) 564-7600	Outside
Business Advisory Services	Contractor - Specialty	5355 Avenida Encinas #111	San Diego	CA	92130	(760) 930-6060	Outside
Buzcor Heating & Air	Contractor - Specialty	P.O. Box 891286	Temecula	CA	92589	(760) 224-2896	Outside
C & C Partnership Inc.	Contractor - Specialty	6661 Carthage St	San Diego	CA	92120	(619) 286-9202	Outside
C & M Stucco Specialist Inc.	Contractor - Specialty	475 Corporate Drive	Escondido	CA	92029	(760) 735-9783	Outside

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Firm Name	Business Type	Firm Address	City	State	Zipcode	Phone Number	In/Out
Caliber Interiors, Inc.	Contractor - Specialty	23322 South Pointe Drive Suite B	Laguna Hills	CA	92653	(949) 206-1119	Outside
California Glass Enterprises, Inc	Contractor - Specialty	13220 Evening Creek Dr So. #106	San Diego	CA	92128	(858) 486-2500	Outside
California Sheet Metal Works Inc.	Contractor - Specialty	1020 Marshall St	El Cajon	CA	92020	(619) 562-7010	Outside
Cam Contractors, Inc.	Contractor - Specialty	938 S Andreasen Dr	Escondido	CA	92029	(760) 796-4085	Outside
Capitol Steel Fabricators, Inc.	Contractor - Specialty	3565 S Greenwood Avenue	Los Angeles	CA	90040	(323) 721-5460	Outside
Capo Valley Fireside	Contractor - Specialty	26401 Via De Anza	San Juan Capistrano	CA	92675	(949) 364-5118	Outside
Cardiff By The Sea Roofing	Contractor - Specialty	1914 Pariva Dr	Cardiff By The Sea	CA	92007	(760) 753-2622	Outside
Carmel Valley Pest Control	Contractor - Specialty	310 Via Vera Cruz #102	San Marcos	CA	92078	(858) 350-8838	Outside
Carpenter's Plumbing Inc.	Contractor - Specialty	722 Suzanne Ln	Escondido	CA	92026	(760) 745-0465	Outside
Casper's Concrete Cutting, Inc.	Contractor - Specialty	3825 Bancroft Dr	Spring Valley	CA	91977		Outside
Cast In Place Construction (CIP)	Contractor - Specialty	10911 Hole Avenue	Riverside	CA	92505	(951) 353-8247	Outside
Cell Crete Corporation	Contractor - Specialty	135 E Railroad Avenue	Monrovia	CA	91016	(626) 357-3000	Outside
Cement Cutting Inc.	Contractor - Specialty	3610 Hancock St	San Diego	CA	92110	(619) 296-0849	Outside
CHDS Inc Dba Curtis Drilling Co.	Contractor - Specialty	2625 S Santa Fe Avenue	San Marcos	CA	92069	(760) 727-7330	Outside
Chism Brothers Painting	Contractor - Specialty	7958 Convoy Court	San Diego	CA	92111	(858) 571-0676	Outside
CJ's Interiors, Inc.	Contractor - Specialty	8265 Commerical St #6	La Mesa	CA	91942	(619) 464-0042	Outside
Clean Cut Drywall	Contractor - Specialty	4751 Bancroft Street	San Diego	CA	92116	(619) 261-2726	Outside
Clear Sign & Design, Inc	Contractor - Specialty	170 Navajo Street	San Marcos	CA	92078	(760) 736-8111	Outside
Coast Line Electric	Contractor - Specialty	4251 10Th Ave	San Diego	CA	92103	(858) 456-1753	Outside
Coast Sign	Contractor - Specialty	1500 W Embassy	Anaheim	CA	92802	(714) 520-9144	Outside
Coastal Plumbing, Inc.	Contractor - Specialty	1228 Keystone Wy	Vista	CA	92081	(760) 261-2991	Outside
Collin Morris Construction	Contractor - Specialty	3110 Jarvis Street	San Diego	CA	92106	(619) 272-2848	Outside
Columbine Landscape, Inc.	Contractor - Specialty	2268 Buena Creek Rd	Vista	CA	92084	(760) 598-3600	Outside
Commercial Door Of Orange County, Inc.	Contractor - Specialty	1770 S Boyd Street	Santa Ana	CA	92705	(714) 258-1551	Outside
Coral Reef Contractors, Inc.	Contractor - Specialty	2907 Shelter Island Bld-105-342	San Diego	CA	92106	(951) 245-7971	Outside
Corpro Companies Inc.	Contractor - Specialty	10260 Matern Place	Santa Fe Springs	CA	90670	(562) 944-1636	Outside
Co's Traffic Control, Inc.	Contractor - Specialty	2201 San Dieguito Drive	Del Mar	CA	92014	(858) 259-0300	Inside
Country Carpets	Contractor - Specialty	2201 San Dieguito Dr	Del Mar	CA	92014	(858) 316-6730	Inside
Countywide Mechanical Systems Inc	Contractor - Specialty	9330 Stevens Rd.	Santee	CA	92071	(619) 449-9900	Outside
Craig Peterson Plumbing	Contractor - Specialty	1649 Honeysuckle Ct	Encinitas	CA	92024	(760) 942-6160	Outside
Custom Hardwood Floors	Contractor - Specialty	3232 N Twin Oaks Valley Rd	San Marcos	CA	92069	(760) 744-6248	Outside
Custom Plastering, Inc.	Contractor - Specialty	2308 Denova Dr	Alpine	CA	91901	(619) 445-4216	Outside
Cut 'N Core	Contractor - Specialty	9194 Chesapeake Dr	San Diego	CA	92123	(619) 560-6627	Outside
D.S.M. Masonary, Concrete & Tile, Inc.	Contractor - Specialty	14467 Meridian Parkway Suite B	Riverside	CA	92518	(951) 776-4980	Outside
Damianos Services Inc	Contractor - Specialty	12933 Rancho Vista Ct	Valley Center	CA	92082	(760) 749-9757	Outside
Daniel F. Schaldach Inc. Dba D&S Construction Co.	Contractor - Specialty	1277 Pacific Oaks Place , Suite 100	Escondido	CA	92029	(760) 743-0339	Outside
Dan's Roofing, Inc	Contractor - Specialty	19011 Mermack Avenue	Lake Elsinore	CA	92532	(951) 471-0008	Outside
Daryl Griffis Acoustics, Inc.	Contractor - Specialty	4958 Naples St	San Diego	CA	92110	(619) 275-3060	Outside
Davey Tree Surgery	Contractor - Specialty	1500 N Mantua St	Kent	OH	44240-5193	(925) 443-1723	Outside
Davis Framing Inc	Contractor - Specialty	8103 Commercial St	La Mesa	CA	91942	(619) 463-2394	Outside
Davis Stone Inc	Contractor - Specialty	519 Venture St	Escondido	CA	92029	(760) 745-7881	Outside
DCS Plastering, Inc.	Contractor - Specialty	1755 Wilt Road	Fallbrook	CA	92028	(714) 241-7004	Outside
Del Mar Fabrication & Welding	Contractor - Specialty	1451 Simpson Way	Escondido	CA	92029	(760) 743-2266	Outside
Del Mar Glass, Inc.	Contractor - Specialty	2120 Jimmy Durante Blvd 116	Del Mar	CA	92014	(858) 755-7505	Inside
Del Mar Glazing And Construction	Contractor - Specialty	2126 Jimmy Durante Blvd. C	Del Mar	CA	92014	(858) 847-0163	Inside
Demdo Drywall Co., Inc.	Contractor - Specialty	419 S Marshall Avenue	El Cajon	CA	92020	(619) 590-0025	Outside
Dependable Plumbing	Contractor - Specialty	12120 Tech Center Dr Ste A	Poway	CA	92064	(858) 486-5111	Outside
Dominguez Drywall	Contractor - Specialty	566 Hilldale Circle	Vista	CA	92083	(760) 455-3946	Outside
Don Jose Interior Solutions Inc.	Contractor - Specialty	910 Cunard Street	San Diego	CA	92154	(619) 454-3886	Outside
Doo-Rite Construction	Contractor - Specialty	2430 Our Country Road	Escondido	CA	92029	(760) 294-2213	Outside
Draves Pipeline Incorporated	Contractor - Specialty	PO Box 1051	Bonsall	CA	92003	(760) 728-7094	Outside
Dunnington Inc	Contractor - Specialty	9883 Pacific Heights Blvd Ste E	San Diego	CA	92121	(858) 457-9100	Outside

Appendix J - Mobile Business Inventory

Firm Name	Business Type	Firm Address	City	State	Zipcode	Phone Number	In/Out
Dywidag Systems International Usa, Inc	Contractor - Specialty	2154 E South St	Long Beach	CA	90805	(562) 531-6161	Outside
Ehmcke Sheet Metal Corp	Contractor - Specialty	840 W 19th St	National City	CA	91950	(619) 477-6484	Outside
Ekedal Concrete, Inc.	Contractor - Specialty	7514 Girard Avenue Ste 1-242	La Jolla	CA	92037	(949) 729-8082	Outside
Elston Masonry, Inc.	Contractor - Specialty	1422 Santa Margarita Dr	Fallbrook	CA	92028	(760) 728-3593	Outside
Emilio & Sons Inc.	Contractor - Specialty	2255 Micro Place	Escondido	CA	92029	(760) 233-1112	Outside
Equity Builder, Inc.	Contractor - Specialty	8868 Clairemont Mesa Boulevard Ste A	San Diego	CA	92123	(858) 220-2859	Outside
Escondido Landscape Inc	Contractor - Specialty	116 Hannalei Dr	Vista	CA	92083	(760) 945-4321	Outside
Exact Framing	Contractor - Specialty	331 Engel Street	Escondido	CA	92029	(760) 745-9492	Outside
Expo Tile & Marble	Contractor - Specialty	2278 Del Mar Heights Rd	Del Mar	CA	92014	(858) 259-8453	Outside
Express Demolition & Hauling	Contractor - Specialty	1678 Country Club Drive	Escondido	CA	92029	(760) 489-6001	Outside
F & S Asphalt Seal And Stripe, Inc	Contractor - Specialty	2233 Gracey Ln	Fallbrook	CA	92028	(760) 723-3533	Outside
Farwest Insulation Contracting	Contractor - Specialty	1375 S Acacia Ave Ste A	Fullerton	CA	92831	(714) 520-5600	Outside
Ferandell Tennis Courts, Inc	Contractor - Specialty	2120 Jimmy Durante Blvd 102	Del Mar	CA	92014	(858) 350-3444	Inside
Fine Woodwork By Gary Gilbert	Contractor - Specialty	2325 Pio Pico Drive	Carlsbad	CA	92008	(760) 720-0965	Outside
First Class Drywall	Contractor - Specialty	1638 Gitano Street	Encinitas	CA	92024	(760) 436-5975	Outside
Fishel Company, The	Contractor - Specialty	666 Airport Rd	Oceanside	CA	92054	(760) 967-6930	Outside
Five Star Communications	Contractor - Specialty	6910 A Mission Gorge Road	San Diego	CA	92120	(619) 640-8871	Outside
Fredricks Electric, Inc.	Contractor - Specialty	2211 Newcastle Ave	Cardiff	CA	92007	(760) 436-9172	Outside
Freidin Design And Construction	Contractor - Specialty	800 Grand Avenue C12	Carlsbad	CA	92008	(760) 730-3100	Outside
Frontier Fence Co	Contractor - Specialty	1314 W Mission Rd	Escondido	CA	92029	(760) 745-5609	Outside
Fry Specialty Company	Contractor - Specialty	10735 Prospect Avenue	Santee	CA	92071	(619) 562-8446	Outside
Fullerton Glass Company	Contractor - Specialty	601 Sally Place	Fullerton	CA	92831	(714) 879-5120	Outside
G. D. Heil, Inc.	Contractor - Specialty	1640 S Claudina Way	Anaheim	CA	92805	(714) 687-9100	Outside
GA Abell DbA Precision Electric Company	Contractor - Specialty	8137 Winter Gardens Blvd	Lakeside	CA	92040	(619) 390-2991	Outside
Gallant Electric Co.	Contractor - Specialty	1735 Ivy Rd	Oceanside	CA	92054	(760) 722-9016	Outside
Garcia Landscape Services	Contractor - Specialty	10236 Moorpark St	Spring Valley	CA	91978	(619) 670-6746	Outside
Gardner Pool Company, Inc	Contractor - Specialty	801 Gable Way	El Cajon	CA	92020	(619) 593-8880	Outside
General Coatings Corporation	Contractor - Specialty	6711 Nancy Ridge Dr	San Diego	CA	92121	(858) 587-1277	Outside
Genesis Innovations, Llc	Contractor - Specialty	4004 Medford Drive	Loveland	CO	80538	(970) 635-9315	Outside
George W. Weir Asphalt Construction,	Contractor - Specialty	610 Metcalf	Escondido	CA	92025	(760) 746-0232	Outside
Global Construction Services Inc.	Contractor - Specialty	3460 Marron Road Suite 103-471	Oceanside	CA	92056	(760) 659-4015	Outside
Golden Ray Services Inc.	Contractor - Specialty	2225 Guajome Lake Road	Vista	CA	92084	(760) 586-1254	Outside
Golden State Fence Company	Contractor - Specialty	870 N Main St	Riverside	CA	92501-1016	(909) 788-5620	Outside
Gordon E. Copeland, Inc.	Contractor - Specialty	443 Venture St	Escondido	CA	92029	(760) 747-3205	Outside
Green Paradise Company	Contractor - Specialty	910 Camino Del Mar Ste A	Del Mar	CA	92014	(858) 793-1809	Inside
Greenfield Fence, Inc.	Contractor - Specialty	33860 Zeiders Road	Menifee	CA	92584	(951) 699-0037	Outside
Greg Stein Tree Service	Contractor - Specialty	6947 Weller Street	San Diego	CA	92122	(858) 636-0903	Outside
Ground Service Technology	Contractor - Specialty	2280 Micro Place	Escondido	CA	92029	(760) 745-2010	Outside
GSC Concrete Construction, Inc.	Contractor - Specialty	1413 W Industrial Ave	Escondido	CA	92029	(760) 739-9177	Outside
H.A. Casillas Landscape	Contractor - Specialty	3498 Wallace Dr	Bonita	CA	91902	(619) 267-1343	Outside
Hanna Plumbing & Supply Co.	Contractor - Specialty	643 S Santa Fe Ave	Vista	CA	92083	(760) 726-2002	Outside
Hans R. Schlegel Landscaping, Inc.	Contractor - Specialty	2736 Garnet Avenue	San Diego	CA	92109	(858) 273-0740	Outside
Harber Companies	Contractor - Specialty	1880 E Riverview Drive	San Bernardino	CA	92408	(909) 478-1957	Outside
Hardwood Creations	Contractor - Specialty	800 Columbia Street Unit B	Brea	CA	92821	(714) 674-0527	Outside
Hawthorne Masonry	Contractor - Specialty	2760 Secret Lake Lane	Fallbrook	CA	92028	(760) 723-3441	Outside
Herman Weissker, Inc.	Contractor - Specialty	1645 Brown Avenue	Riverside	CA	92509		Outside
Hernandez Roofing, Inc.	Contractor - Specialty	P.O. Box 344	San Luis Rey	CA	92068	(760) 721-7417	Outside
Hess Contracting, Inc.	Contractor - Specialty	1024 Pine Dr	El Cajon	CA	92020	(619) 442-6333	Outside
Holmes Landscape Company	Contractor - Specialty	4616 North Ave	Oceanside	CA	92056	(760) 732-3379	Outside
Homestead Sheet Metal	Contractor - Specialty	9031 Memory Lane	Spring Valley	CA	91977	(619) 469-4373	Outside
Hourani Concrete	Contractor - Specialty	5014 E Mountain View Dr	San Diego	CA	92116	(858) 699-6920	Outside
Huntamer Inc. DbA Window Solutions	Contractor - Specialty	613 W Main St	El Cajon	CA	92020	(619) 258-0515	Outside

Appendix J - Mobile Business Inventory

Firm Name	Business Type	Firm Address	City	State	Zipcode	Phone Number	In/Out
Industrial Skylights, Inc.	Contractor - Specialty	133 Newport Drive Ste C.	San Marcos	CA	92069	(760) 434-6001	Outside
Interior Solutions Inc.	Contractor - Specialty	2304 S Castle Harbour Place	Ontario	CA	91761	(909) 773-0844	Outside
Irriscape Construction Inc	Contractor - Specialty	20182 Carancho Road	Temecula	CA	92590	(591) 694-6936	Outside
J & J Muscarella Enterprise, Inc.	Contractor - Specialty	1718 Nilo Drive	Vista	CA	92081	(760) 726-7231	Inside
J & S Asphalt Paving	Contractor - Specialty	PO Box 600525	San Diego	CA	92160	(619) 528-0593	Outside
J. C. Plumbing Co.	Contractor - Specialty	PO Box 1141	Cardiff	CA	92007	(760) 942-2818	Outside
J.T. Wimsatt Contracting Co, Inc	Contractor - Specialty	28064 Avenue Stanford Unit B	Valencia	CA	91355	(661) 775-8090	Outside
Ja. Williams Masonry	Contractor - Specialty	542 Valley Drive	Vista	CA	92084	(858) 688-3353	Outside
Jackson & Blanc	Contractor - Specialty	7929 Arjons Dr	San Diego	CA	92126	(858) 831-7900	Outside
Jackson's Concrete Cutting	Contractor - Specialty	970 W Valley Parkway #658	Escondido	CA	92025	(760) 801-5221	Outside
Jamar Electric San Diego Inc.	Contractor - Specialty	9830 Prospect Ave. Ste. D	Santee	CA	92071	(619) 448-7770	Outside
Joe's Paving	Contractor - Specialty	P. O. Box 99	Valley Center	CA	92082	(760) 749-0519	Outside
John Gaugher - General Contractor	Contractor - Specialty	P. O. Box 688	Cardiff By The Sea	CA	92007	(619) 980-1696	Outside
John Smith Earthworks, Inc.	Contractor - Specialty	5216 Anna Ave	San Diego	CA	92110	(619) 276-0946	Outside
John Stevenson Plumbing & Mechanical	Contractor - Specialty	6351 Corte Del Abeto A-108	Carlsbad	CA	92011	(760) 918-0456	Outside
Johnson Controls Inc	Contractor - Specialty	12393 Slauson Ave	Whittier	CA	90606	(414) 524-2674	Outside
JWG Cabinet	Contractor - Specialty	2721 Plumeria Drive	Carlsbad	CA	92009	(760) 214-5383	Outside
K.H. Minton Painting	Contractor - Specialty	2518 Camino Lagarto St	Alpine	CA	91901	(619) 445-8148	Outside
Kacon, Inc.	Contractor - Specialty	P.O. Box 1630	El Centro	CA	92244	(619) 208-7748	Outside
Kau Wela Development	Contractor - Specialty	P.O. Box 2281	Del Mar	CA	92014	(760) 415-2281	Outside
Kevin Vint Masonry & Concrete	Contractor - Specialty	2201 San Dieguito Dr	Del Mar	CA	92014	(858) 481-7033	Inside
Kleinsmith Stair & Trim	Contractor - Specialty	9435 Wheatland's Court # H	Santee	CA	92071	(619) 562-3839	Outside
Kmp Plumbing	Contractor - Specialty	435 S Cedros Ave	Solana Beach	CA	92075	(858) 259-9300	Outside
L & G Cable Construction	Contractor - Specialty	2776 E Miraloma Ave	Anaheim	CA	92806	(714) 630-6174	Outside
L & C Tile	Contractor - Specialty	25135 N Center City Pkwy	Escondido	CA	92026	(760) 743-6516	Outside
L. C. Paving & Sealing, Inc.	Contractor - Specialty	996 Borden Road	San Marcos	CA	92069	(760) 752-1743	Outside
Lance Patterson Plastering	Contractor - Specialty	3164 Old Oaktree Ln	Escondido	CA	92026	(760) 741-5382	Outside
Leathem & Company	Contractor - Specialty	1524 Avenida De Las Adelsas	Encinitas	CA	92024	(858) 342-0966	Outside
Lekos Electric Inc.	Contractor - Specialty	1370 Pioneer Way	El Cajon	CA	92020	(619) 447-7661	Outside
Leonard's Carpet Service, Inc.	Contractor - Specialty	1121 N Red Gum Street	Anaheim	CA	92806	(714) 630-1930	Outside
Lighten Up Skylight	Contractor - Specialty	137 Harrison Street	Oceanside	CA	92057	(760) 941-8653	Outside
Logan Grapp Construction	Contractor - Specialty	2040 Oak Hill Drive	Escondido	CA	92027	(760) 741-2600	Outside
Lomack Service	Contractor - Specialty	2259 S Santa Fe Avenue	Vista	CA	92083	(760) 727-3607	Outside
M.C. Napoli	Contractor - Specialty	2460 Ivy Rd	Oceanside	CA	92054	(619) 818-2557	Outside
M.W. Reid Welding, Inc.	Contractor - Specialty	781 O'Connor St	El Cajon	CA	92020	(619) 401-5880	Outside
Macgray Electric Inc.	Contractor - Specialty	2718 Waterbury Way	Carlsbad	CA	92010	(760) 802-0140	Outside
Magnesite Specialties Inc.	Contractor - Specialty	8686 Production Ave Ste A	San Diego	CA	92121	(619) 578-4186	Outside
Malcolm Drilling Co., Inc.	Contractor - Specialty	4926 N Azusa Cyn Road	Irwindale	CA	91706	(626) 338-0035	Outside
Marina Landscape Inc.	Contractor - Specialty	1900 S Lewis Street	Anaheim	CA	92805	(714) 939-6600	Outside
Mariner Mechanical DbA Adroit Solar	Contractor - Specialty	1135 Garnet Ave Ste 13	San Diego	CA	92109	(858) 483-3568	Outside
Mark Stangl Construction, Inc	Contractor - Specialty	715 H Avenue	Coronado	CA	92118	(619) 250-2706	Outside
Max Glass & Mirror	Contractor - Specialty	593 Live Oak Drive	El Cajon	CA	92020	(619) 977-9594	Outside
Maxim Crane Works, L.P.	Contractor - Specialty	6232 Fairmount Ave	San Diego	CA	92120	(619) 563-7910	Outside
McBride Door & Hardware Inc	Contractor - Specialty	13811 Danielson St	Poway	CA	92064	(858) 842-4480	Outside
McKinley Equipment Corp	Contractor - Specialty	17611 Armstrong Ave	Irvine	CA	92614	(949) 261-9222	Outside
Meldier Tree Service	Contractor - Specialty	P. O. Box 1136	Vista	CA	92084	(760) 940-9502	Outside
MHS Heating & Air Conditioning, Inc.	Contractor - Specialty	525 N Andreasen Drive N	Escondido	CA	92029	(760) 744-9450	Outside
Mike And Mike Construction Inc	Contractor - Specialty	2603 Figueroa	San Diego	CA	92109	(858) 273-3150	Outside
Mike Carroll Plumbing, Inc.	Contractor - Specialty	1938 Willow Ridge Dr	Vista	CA	92081	(760) 714-6272	Outside
Mill Brothers Fine Woodworking, Inc.	Contractor - Specialty	9356 Wheatlands Rd Ste C	Santee	CA	92071	(619) 562-6944	Outside
Mission Iron Shop	Contractor - Specialty	2545 Progress Street	Vista	CA	92081	(760) 744-3740	Outside
Mission Pools Of Escondido Inc.	Contractor - Specialty	755 W Grand Ave	Escondido	CA	92025	(760) 743-2605	Outside

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Firm Name	Business Type	Firm Address	City	State	Zipcode	Phone Number	In/Out
Mission Valley Roofing, Inc.	Contractor - Specialty	9908 Prospect Ave	Santee	CA	92071-3417	(619) 449-9744	Outside
Mota's Floorcovering, Inc.	Contractor - Specialty	11731 Sterling Avenue Unit G	Riverside	CA	92503	(951) 687-6682	Outside
Motivational Systems Inc	Contractor - Specialty	2200 Cleveland Ave	National City	CA	91950	(619) 474-8246	Outside
My Plumber San Diego Llc	Contractor - Specialty	7150 Convoy Ct	San Diego	CA	92111	(619) 667-5500	Outside
National Air Inc.	Contractor - Specialty	2053 Kurtz St	San Diego	CA	92110	(619) 299-2500	Outside
Neal Electric Inc.	Contractor - Specialty	13250 Kirkham Way	Poway	CA	92064	(858) 513-2525	Outside
Nevada Gypsum Floors, Inc.	Contractor - Specialty	3671 W Mcfadden Avenue	Santa Ana	CA	92704	(702) 871-3330	Outside
New Vision Drywall Inc.	Contractor - Specialty	4204 Jutland Drive A2	San Diego	CA	92117	(858) 490-8888	Outside
Nicholas Grant Corporation	Contractor - Specialty	12570 Highway 67	Lakeside	CA	92040	(619) 390-3900	Outside
North County Deck & Patio	Contractor - Specialty	448 W Citracado Parkway	Escondido	CA	92025	(760) 658-6249	Outside
Nwec Nevada Inc.	Contractor - Specialty	3516 Seagate Way #110	Oceanside	CA	92056	(760) 757-0187	Outside
OJ Insulation LP	Contractor - Specialty	600 S Vincent Ave	Azuza	CA	91702	(626) 812-6070	Outside
Omega Drywall Construction, Inc.	Contractor - Specialty	2078 Montiel Road	San Marcos	CA	92069	(760) 294-7764	Outside
Onteriors Residential, Inc.	Contractor - Specialty	3231-C Business Park Drive #314	Vista	CA	92081	(858) 455-1234	Outside
Pacific Backflow Co., Inc.	Contractor - Specialty	1690 Ord Wy	Oceanside	CA	92056	(760) 639-4000	Outside
Pacific Coast Steel	Contractor - Specialty	4805 Murphy Canyon Road	San Diego	CA	92123	(858) 737-7700	Outside
Pacific Grading & Erosion Control, Inc.	Contractor - Specialty	10541 A Prospect Ave	Santee	CA	92071	(619) 938-3514	Outside
Pacific Pebbles Inc, Dba Life Deck Coating Install	Contractor - Specialty	770 Gateway Center Drive	San Diego	CA	92102	(619) 262-8600	Outside
Pacific Rim Mechanical Contractors, Inc.	Contractor - Specialty	7655 Convoy Ct.	San Diego	CA	92111	(858) 974-6500	Outside
PAL General Engineering Inc	Contractor - Specialty	2615 Camino Del Rio South Ste 308	San Diego	CA	92108	(619) 677-3949	Outside
Palomar Specialists, Inc.	Contractor - Specialty	1608 Madrone Glen	Escondido	CA	92027	(760) 747-5080	Outside
Palomar Transit Mix Co.	Contractor - Specialty	849 W Washington Ave	Escondido	CA	92025	(760) 737-3486	Outside
Paradise Custom Pools, Inc.	Contractor - Specialty	P. O. Box 600035	San Diego	CA	92160	(619) 286-0009	Outside
Payco Specialties, Inc.	Contractor - Specialty	120 N 2Nd Avenue	Chula Vista	CA	91910	(619) 422-9204	Outside
Pellegrino Heating And Air Conditioning	Contractor - Specialty	11965 Lemon Crest Drive	Lakeside	CA	92040	(619) 390-4143	Outside
Pellegrino Stonecare	Contractor - Specialty	7965 Silverton Ave. #1302	San Diego	CA	92126	(858) 530-8185	Outside
Peter Van Gaale & Sons Construction	Contractor - Specialty	35375 Briggs Rd	Murrieta	CA	92563	(951) 677-8112	Outside
Peterson Brothers Construction Inc.	Contractor - Specialty	1560 W Lambert Rd.	Brea	CA	92821	(714) 278-0488	Outside
Pinnacle Security CA, LP	Contractor - Specialty	1290 S Sandhill Rd	Orem	UT	84058	(801) 437-0000	Outside
Power Plus Solutions Corp.	Contractor - Specialty	436 N Quince St.	Escondido	CA	92025	(760) 839-9436	Outside
Precision Tech Connect	Contractor - Specialty	1441 N Cuyamaca Street	El Cajon	CA	92020	(619) 588-6800	Outside
Primary Mechanical, Inc.	Contractor - Specialty	5345 Timken Street Ste I	La Mesa	CA	91942	(619) 698-7751	Outside
Prime Electrical Services	Contractor - Specialty	480 Enterprise St	San Marcos	CA	92078	(760) 471-6634	Outside
Pro Wall Lathe Plaster, Inc	Contractor - Specialty	360 S Spruce Street	Escondido	CA	92025	(760) 480-9001	Outside
Quality Reinforcing Inc.	Contractor - Specialty	13275 Gregg St	Poway	CA	92064	(858) 748-8400	Outside
R F Mckenna Construction	Contractor - Specialty	507 S Cedros Ave	Solana Beach	CA	92075	(858) 755-2290	Outside
R. Montanez Contracting Inc. Dba Dr. Demo	Contractor - Specialty	117 7Th Street #A	Chula Vista	CA	91911	(619) 571-4755	Outside
Rancho Santa Fe Roofing	Contractor - Specialty	2120 Jimmy Durante Blvd # 112	Del Mar	CA	92014	(858) 350-9992	Inside
Randall A Means Landscape	Contractor - Specialty	1540 Harbor Drive	Vista	CA	92081	(760) 936-3262	Outside
Randy Jackson Company	Contractor - Specialty	8969 Rose Avenue	Montclair	CA	91763	(909) 399-5000	Outside
REC Solar Inc.	Contractor - Specialty	6370 Nancy Ridge Drive #110	San Diego	CA	92121	(858) 550-9655	Outside
Reef Concrete Inc.	Contractor - Specialty	3646 Cheshire Ave	Carlsbad	CA	92010	(760) 613-3361	Outside
Remodeling California, Inc.	Contractor - Specialty	1707 Midvale	Los Angeles	CA	90024	(818) 266-8533	Outside
Rezko Development	Contractor - Specialty	8424 Colima Road	Whittier	CA	90602	(619) 665-5746	Outside
Richardson Steel, Inc.	Contractor - Specialty	9102 Harness St	Spring Valley	CA	91977	(619) 697-5892	Outside
Rifeco Elevators	Contractor - Specialty	8875 Costa Verdie Boulevard # 1603	San Diego	CA	92127	(619) 994-3794	Outside
RPG Enterprises	Contractor - Specialty	874 N Batavia Street	Orange	CA	92868	(714) 761-8002	Outside
RTD Construction, Inc.	Contractor - Specialty	2216 Soto St	San Diego	CA	92107	(619) 225-0240	Outside
Rwp Plumbing	Contractor - Specialty	9216 Birchcrest Blvd	Santee	CA	92071	(619) 719-3834	Outside
S.F. Electrical Services, Inc.	Contractor - Specialty	2337 Catalina Ave	Vista	CA	92084	(760) 724-3666	Outside
S.O.S. Rooter	Contractor - Specialty	3485 Pickwick St	San Diego	CA	92102	(619) 231-6670	Outside
Sampo Engineering, Inc.	Contractor - Specialty	1034 Second Street	Encinitas	CA	92024	(760) 436-0000	Outside

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Firm Name	Business Type	Firm Address	City	State	Zipcode	Phone Number	In/Out
San Diego Fence Co., Inc.	Contractor - Specialty	7920 Engineer Rd	San Diego	CA	92111	(858) 279-8442	Outside
Santana Electric	Contractor - Specialty	PO Box 1231	El Cajon	CA	92022	(619) 252-1510	Outside
Schelect Inc. Dba Schmidt Electric	Contractor - Specialty	203 S Rancho Santa Fe Rd	Encinitas	CA	92024	(760) 753-3855	Outside
Schilling Paradise Corp.	Contractor - Specialty	697 Greenfield Drive	El Cajon	CA	92021	(619) 579-6500	Outside
Schreiber Framing, Inc.	Contractor - Specialty	8657 Harbison Canyon Rd	Alpine	CA	91901	(619) 722-1230	Outside
Scott Fence	Contractor - Specialty	1255 Distribution Way	Vista	CA	92081	(760) 598-0078	Outside
Seaport Electric Inc.	Contractor - Specialty	43185 Corte Almeria	Temecula	CA	92592	(951) 302-4500	Outside
Seaside Roofing	Contractor - Specialty	330 Barbara Ave	Solana Beach	CA	92075	(858) 481-4993	Outside
Serrano Family Flooring & Design	Contractor - Specialty	24116 Golden Mist Dr	Murrieta	CA	92562	(760) 716-6077	Outside
Servpro Of Del Mar	Contractor - Specialty	8525 Arjons Dr Suite A	San Diego	CA	92126	(858) 695-6242	Outside
Shamrock Paving Inc	Contractor - Specialty	15508 S Lakewood Blvd.	Bellflower	CA	90706	(562) 866-3396	Outside
Sharpland Design Coast Landscape	Contractor - Specialty	P.O. Box 1332	Vista	CA	92085	(760) 809-4343	Outside
Sheldon Site Utilities, Inc	Contractor - Specialty	13000 Danielson Street Suite G/H	Poway	CA	92064-8843	(858) 486-8004	Outside
Sherwood Mechanical, Inc.	Contractor - Specialty	6630 Top Gun St	San Diego	CA	92121	(858) 679-3000	Outside
Silver Carpet	Contractor - Specialty	119 Aberdeen Dr Ste 1	Cardiff By The Sea	CA	92007	(760) 632-1770	Outside
Simplexgrinnell	Contractor - Specialty	3568 Ruffin Road South	San Diego	CA	92123		Outside
Skyhook Metal Designs	Contractor - Specialty	4149 Cartagena Drive Ste B	San Diego	CA	92115	(619) 229-2169	Outside
Sneary Construction	Contractor - Specialty	1182 N Monte Vista Avenue #2	Upland	CA	91786	(909) 982-1833	Outside
So Cal Construction & Consulting Service Inc	Contractor - Specialty	1030 Knoll Park Ln	Fallbrook	CA	92028	(760) 723-8907	Outside
Solar City	Contractor - Specialty	3055 Clearview Way	San Mateo	CA	94402	(888) 765-2489	Outside
Solar West Electric	Contractor - Specialty	2640 Financial Court Suite D	San Diego	CA	92117	(619) 665-2224	Outside
South City Mechanical, Inc.	Contractor - Specialty	4014 Daves Way	San Diego	CA	92154	(619) 934-3498	Outside
South Coast Specialty Systems	Contractor - Specialty	7966 Arjons Dr Ste C	San Diego	CA	92126	(858) 673-7267	Outside
Southwest Signal Service	Contractor - Specialty	397 Raleigh Ave	El Cajon	CA	92020	(619) 442-3343	Outside
Specified Resistant Coatings	Contractor - Specialty	630 Faith Avenue	Cardiff By The Sea	CA	92007	(760) 942-8353	Outside
Spring Valley Insulation Contr	Contractor - Specialty	3151 Bancroft Dr	Spring Valley	CA	91977-2608	(619) 463-0266	Outside
Steele Roofing Inc.	Contractor - Specialty	227 Pawnee Street/ 101	San Marcos	CA	92078	(760) 744-3400	Outside
Stefan Merli Plastering Co. Inc.	Contractor - Specialty	1331 Distribution Way	Vista	CA	92081	(760) 597-2480	Outside
Sterling Corporate Custom Elevator	Contractor - Specialty	340 W 26Th St Ste I	National City	CA	91950	(619) 477-9654	Outside
Sundancer Pools N Spas	Contractor - Specialty	728 Inspiration Ln	Escondido	CA	92025	(760) 489-5850	Outside
Sundown Plumbing	Contractor - Specialty	6965 El Camino Real	Carlsbad	CA	92009	(760) 942-3696	Outside
Sutton Tree Service Inc	Contractor - Specialty	2236 S Santa Fe Ave	Vista	CA	92084	(760) 941-3992	Outside
Sylvester Roofing Co., Inc.	Contractor - Specialty	2593 Auto Parkway	Escondido	CA	92029	(760) 743-0048	Outside
T.N. Janitorial Services	Contractor - Specialty	1150 Camino Del Mar #D	Del Mar	CA	92014	(858) 792-7416	Inside
Tamarindo Corporation	Contractor - Specialty	701 Valley Drive	Vista	CA	92084	(760) 732-5842	Outside
The Brickman Group, Ltd	Contractor - Specialty	6218 Fairmount Ave	San Diego	CA	92120	(619) 281-8887	Outside
The Pool Doctor	Contractor - Specialty	PO Box 114	Bonsall	CA	92003	(760) 745-9069	Outside
Thyssen Elevator Corporation	Contractor - Specialty	5745 Kearney Villa Rd Ste B	San Diego	CA	92123	(858) 569-9091	Outside
TLC Plumbing Inc.	Contractor - Specialty	4569 Mission Gorge Place E	San Diego	CA	92120	(619) 667-0234	Outside
Todd Richards Tile	Contractor - Specialty	6632 W Lilac	Bonsall	CA	92003	(760) 945-1866	Outside
Tree Of Life Tree Service, Inc.	Contractor - Specialty	4591 Mt La Platta Pl	San Diego	CA	92117	(619) 560-6622	Outside
Tri City Fence Company, Inc.	Contractor - Specialty	825 W Washington St	Escondido	CA	92029	(760) 233-9890	Outside
Tri-City Drywall, Inc.	Contractor - Specialty	2867 Progress Place Suite #F	Escondido	CA	92029	(760) 796-7772	Outside
United Subcontractors Inc.	Contractor - Specialty	930 Armorlite Drive	San Marcos	CA	92069	(760) 736-4115	Outside
Urbach Roofing Inc	Contractor - Specialty	445 Production St	San Marcos	CA	92078	(760) 471-5065	Outside
US Iron Company	Contractor - Specialty	2740 S Santa Fe Avenue Suite 103	San Marcos	CA	92069	(760) 734-1524	Outside
V & H Perry, Inc.	Contractor - Specialty	205 W 35Th St #K	National City	CA	91950	(619) 472-2112	Outside
Valleycrest Landscape Maint	Contractor - Specialty	8500 Miramar Pl	San Diego	CA	92121	(858) 458-1900	Outside
Vanguard Fire Protection Inc	Contractor - Specialty	925 Poinsettia Avenue #11	Vista	CA	92081	(760) 727-8540	Outside
Vista Plumbing Inc	Contractor - Specialty	623 S Santa Fe #C	Vista	CA	92083	(760) 758-2345	Outside
VT West, Inc.	Contractor - Specialty	16222 Phoebe Avenue	La Mirada	CA	90638	(714) 521-2167	Outside
Walter Anderson	Contractor - Specialty	1150 N Marshall Ave	El Cajon	CA	92020	(619) 449-3852	Outside

Appendix J - Mobile Business Inventory

Firm Name	Business Type	Firm Address	City	State	Zipcode	Phone Number	In/Out
Wanke, Industrial, Commerical, Residential	Contractor - Specialty	400 S Farrell Drive Suite B106	Palm Springs	CA	92262	(760) 327-8641	Outside
Watersedge Landscape, Inc.	Contractor - Specialty	4255 Ruffin Rd	San Diego	CA	92125	(760) 858-1112	Outside
West Coast Appliance Service, Inc.	Contractor - Specialty	1282 Fayette St	El Cajon	CA	92020	(619) 557-0446	Outside
West Coast Arborists, Inc.	Contractor - Specialty	8524 Commerce Avenue	San Diego	CA	92121	(800) 521-3714	Outside
West Coast Drywall & Paint	Contractor - Specialty	1610 W Linden Street	Riverside	CA	92507	(951) 778-3592	Outside
West Coast Electric Solutions Inc	Contractor - Specialty	5164 Conrad Ave	San Diego	CA	92117	(858) 565-7897	Outside
West Coast General Corp.	Contractor - Specialty	13700 Stowe Drive Suite 100	Poway	CA	92064	(619) 561-4200	Outside
Western Fire Protection, Inc	Contractor - Specialty	13630 Danielson St	Poway	CA	92064	(858) 513-4949	Outside
Western Pavers Inc.	Contractor - Specialty	1935 Friendship Drive Suite E	El Cajon	CA	92020	(800) 779-8191	Outside
Wichert Tile, Inc.	Contractor - Specialty	41901 Carleton Way	Temecula	CA	92591	(760) 703-0947	Outside
Wolfe Fabricators, Inc.	Contractor - Specialty	839 Kingsgate Drive	Corona	CA	92882	(951) 736-2060	Outside
Woodchuck Flooring Inc	Contractor - Specialty	7042 Convoy Ct	San Diego	CA	92111	(858) 279-4677	Outside
Alta Dena Certified Dairy Inc.	Delivery Services	17637 E Valley Blvd	City Of Industry	CA	91744	(818) 964-6401	Outside
American Fish & Seafood Co.	Delivery Services	625 Kohler St	Los Angeles	CA	90021	(213) 612-0353	Outside
Central Meat & Provision Co	Delivery Services	1603 National Ave	San Diego	CA	92113	(619) 239-1391	Outside
Circle Foods Llc	Delivery Services	8411 Siempre Viva Rd	San Diego	CA	92154	(619) 263-8000	Outside
Culligan	Delivery Services	7575 Carroll Rd	San Diego	CA	92121	(760) 729-1171	Outside
Diamond Environmental	Delivery Services	807 E Mission Rd	San Marcos	CA	92069	(760) 744-7191	Outside
DS Waters Of America, Inc.	Delivery Services	2615 Temple Heights Dr	Oceanside	CA	92056	(770) 933-1400	Outside
Farmers Bros. Co.	Delivery Services	20333 S Normandie Ave	Torrance	CA	90502	(610) 787-5200	Outside
Fresh Point/San Diego	Delivery Services	155 N Orange Ave	City Of Industry	CA	91744	(626) 855-1400	Outside
Hidalgo Flowers	Delivery Services	29920 Disney Ln	Vista	CA	92084	(760) 940-0414	Outside
Leong-Kuba Sea Products, Inc.	Delivery Services	6230 Marindustry Dr	San Diego	CA	92121	(858) 693-7561	Outside
Mission Linen Supply Inc	Delivery Services	2727 Industry	Oceanside	CA	92054	(760) 757-9099	Outside
Nestle Waters North America Inc.	Delivery Services	601 Potero Grande	Monterey Park	CA		(203) 531-4100	Outside
Probuild Company Llc Db: Dixieline Lumber	Delivery Services	3250 Sports Arena Blvd	San Diego	CA	92110	(619) 224-4120	Outside
Robertson's Ready Mix, Ltd	Delivery Services	200 S Main Street Stu # 200	Corona	CA	92882	(951) 685-2200	Outside
San Diego Medical Services	Delivery Services	10405 San Diego Mission Ste200	San Diego	CA	92108	(619) 280-6060	Outside
Superior Ready Mix Concrete, L.P.	Delivery Services	1508 W Mission Rd	Escondido	CA	92029	(760) 745-0556	Outside
U. S. Foodservice, Inc.	Delivery Services	1201 Park Center Dr	Vista	CA	92081	(760) 599-6220	Outside
Alan Brint Electric	Electrician	643 Plumosa Avenue	Vista	CA	92081	(760) 727-6545	Outside
Apex Lighting & Electric Inc.	Electrician	1939 Friendship Dr	El Cajon	CA	92020	(619) 448-6400	Outside
Cacy Electric	Electrician	14398 Rios Canyon Road	El Cajon	CA	92021	(619) 938-2839	Outside
Cascade Electric	Electrician	2245 Enterprise Street #150	Escondido	CA	92029	(760) 871-2400	Outside
Collins Electric	Electrician	25090 Deutsch Drive	Temecula	CA	92590	(951) 506-3960	Outside
Darcher Inc. Db: Electrical Concepts	Electrician	947 Darwin Drive	Oceanside	CA	92056	(760) 224-7190	Outside
G. E. Electrical Service & Repair	Electrician	4668 Apple Hill Place	Carlsbad	CA	92010	(760) 419-5903	Outside
Highland Electric, Inc.	Electrician	706 W Bel Espirit Circle	San Marcos	CA	92069	(303) 378-6147	Outside
Lalley Construction	Electrician	927 Highland Dr.	Solana Beach	CA	92075	(858) 481-1462	Outside
Leucadia Electric, Inc.	Electrician	5355 Avenida Encinas Suite 104	Carlsbad	CA	92008	(760) 431-6708	Outside
Ponderosa Electric Inc.	Electrician	17155 Von Karman Avenue #101	Irvine	CA	92614	(949) 253-3100	Outside
R.J. Ogden Electric	Electrician	1308 Basswood Ave	Carlsbad	CA	92008	(760) 533-1833	Outside
RK Electric	Electrician	7950 Silverton Avenue Suite 126	San Diego	CA	92126	(619) 972-1882	Outside
Robert Stroud Electric Inc.	Electrician	1479 Ronald Lane	Vista	CA	92083	(760) 941-9431	Outside
Rowan Inc., Db: Rowan Electric	Electrician	2782 Loker Ave. West	Carlsbad	CA	92010	(760) 692-0700	Outside
Saturn Electric, Inc.	Electrician	7552 Trade Street	San Diego	CA	92121	(858) 271-4100	Outside
SM Christie Inc. Db: Christie Electric	Electrician	623 Valley Group Lane	Escondido	CA	92025	(760) 746-5349	Outside
Social Cities Electrical, Inc.	Electrician	10965 Hartley Road Ste. N	Santee	CA	92071	(619) 449-9027	Outside
Solarium Engery	Electrician	4028 Gayle Street	San Diego	CA	92115	(619) 339-5775	Outside
Swinson Electric	Electrician	4885 Ronson Ct Ste L	San Diego	CA	92111	(858) 874-2920	Outside
System Electric	Electrician	17795 Sky Park Cirle #J	Irvine	CA	92614	(800) 862-2743	Outside
Wheyland Electric	Electrician	333 9th Street Del Mar	Carlsbad	CA	92008	(858) 663-5564	Outside

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Firm Name	Business Type	Firm Address	City	State	Zipcode	Phone Number	In/Out
An Ideal World, Idw Inc.	Film/Movie Production	209 N Bush Street	Santa Ana	CA	92701	(714) 953-9501	Outside
Camera Control Inc	Film/Movie Production	3317 Ocean Park Blvd	Santa Monica	CA	90405	(310) 581-8343	Outside
High Impact Pictures Inc	Film/Movie Production	1891 Beverly Glen Dr	Santa Ana	CA	92705	(714) 508-9700	Outside
Twin Talk	Film/Movie Production	6255 Sunset Boulevard Ste 1600	Los Angeles	CA	90028		Outside
Wltdo LLC	Film/Movie Production	12924 Pierce Street	Pacoima	CA	91331	(800) 829-4495	Outside
Worldrace Productions Inc	Film/Movie Production	200 N Continental Blvd 2Nd Floor	El Segundo	CA	90245	(310) 775-8100	Outside
Asplundh Tree Expert Co	Gardening	2120 W Mission Road Suite R	Escondido	CA	92029	(858) 583-8776	Outside
Mariano's Landscaping	Gardening	3231 Madison St Apt B	Carlsbad	CA	92008	(760) 720-2867	Outside
Park Care	Gardening	2744 Auburn Avenue	Carlsbad	CA	92010	(760) 729-0890	Outside
Rancho Environmental Services, Inc.	Gardening	P O Box 3372	Vista	CA	92085	(760) 726-2405	Outside
Rigo's Garden Maintenance	Gardening	844 Stratford Drive	Encinitas	CA	92024	(760) 942-1358	Outside
Bela Bartanyi Home And Land Maintenance	Handyman	1321 Stratford Ct	Del Mar	CA	92014	(858) 259-5782	Outside
Fall's Fix All	Handyman	3655 Azure Lado Drive	Oceanside	CA	92056	(760) 497-2728	Outside
Fred Wendland	Handyman	550 Amphitheatre Drive	Del Mar	CA	92014	(858) 349-9102	Inside
JP Works	Handyman	45010 El Conquista Road	Aguanga	CA	92536	(951) 452-0582	Outside
Nunez	Handyman	12955 Rancho Vista Court	Valley Center	CA	92082	(760) 518-2306	Outside
Perez Service's	Handyman	541 W 15th #124	Escondido	CA	92026	(760) 579-2283	Outside
Adalberto Landscape	Landscaping	835 Del Riego Avenue	Encinitas	CA	92024	(760) 633-4561	Outside
Armando Villa	Landscaping	3113 Martin Avenue	San Diego	CA	92113	(760) 271-4743	Outside
Aztec Landscaping Inc.	Landscaping	7980 Lemon Grove Way	Lemon Grove	CA	91945	(619) 464-3303	Outside
Benitez Landscape	Landscaping	3350 Currant St	San Diego	CA	92111	(858) 688-2488	Outside
Bradley Landscape Dev. Inc.	Landscaping	607 N Vulcan Ave Ste B	Encinitas	CA	92024	(760) 436-0554	Outside
Carlsbad Lanscaping & Maintenance	Landscaping	3190 Roosevelt Street	Carlsbad	CA	92008	(760) 730-3764	Outside
Cross Construction, Inc.	Landscaping	1142 Mar Vista Drive	Vista	CA	92081	(760) 758-3639	Outside
Crossman Landscape Inc	Landscaping	9822 Prospect Ave	Santee	CA	92071	(619) 448-1223	Outside
Cypress Landscape	Landscaping	1948 Tecate Glen	Escondido	CA	92029	(760) 455-4279	Outside
Domingo Landscaping	Landscaping	1309 E Mission Ave.	Escondido	CA	92027	(760) 755-7483	Outside
Duran Maintenance	Landscaping	2231 Burroughs Street	San Diego	CA	92111	(858) 336-0487	Outside
Earthcare Design And Development	Landscaping	2790 Azalea Drive	San Diego	CA	92106	(619) 204-0049	Outside
Elpidio V. Castro	Landscaping	2274 Carol View Dr #116	Cardiff By The Sea	CA	92007	(760) 846-3148	Outside
Flores Landscape	Landscaping	3609 Grand Ave	San Marcos	CA	92078	(760) 271-4676	Outside
Green Leaf Tree Care, Inc	Landscaping	1011 Dearborn Dr	San Diego	CA	92154	(619) 575-1332	Outside
Green Rainbow Landscape	Landscaping	1336 Hedionda Ave	Vista	CA	92081	(760) 941-4134	Outside
Land Doctor Landscaping	Landscaping	3525 Del Mar Heights #225	San Diego	CA	92130	(760) 432-6000	Outside
Lifestyle Landscapes, Inc.	Landscaping	8588 Utica Avenue Suite 200	Rancho Cucamonga	CA	91730	(909) 476-9500	Outside
Mr. Scape, Inc.	Landscaping	3544 Citrus	Lemon Grove	CA	91945	(619) 660-9187	Outside
North Cities Landscape Maintenance	Landscaping	PO Box 3143	Rancho Santa Fe	CA	92067	(858) 259-6162	Outside
North San Diego Landscapes	Landscaping	2822 Turnbull	Oceanside	CA	92054	(760) 754-2733	Outside
One Tripp Tree Service Inc	Landscaping	3880 Begonia St	San Diego	CA	92121	(858) 571-3710	Outside
Patron Landscape Construction	Landscaping	632 E Shaver Street	San Jacinto	CA	92583	(951) 655-0572	Outside
Pinnacle Holdings Group Inc.	Landscaping	2200 S Fairview St	Santa Ana	CA	92704	(714) 434-7472	Outside
R.E. Johnson Inc. Dba Solana Mar Landscape	Landscaping	239 N Acacia Ave.	Solana Beach	CA	92075		Outside
Rubio Turf, Inc	Landscaping	10531 4S Commons Dr #465	San Diego	CA	92127	(877) 271-1697	Outside
San Diego Greencare Inc.	Landscaping	6549 Mission Gorge Rd # 336	San Diego	CA	92120-2306	(619) 421-7119	Outside
Schnet Landscape Inc.	Landscaping	427 Venture St	Escondido	CA	92029	(760) 591-3453	Outside
Smart Water Landscape Concepts	Landscaping	952 Sugerloaf Drive	Escondido	CA	92026	(760) 532-3516	Outside
Stumpmasters Tree Service	Landscaping	13826 Little Pond Rd	Valley Center	CA	92082	(760) 749-5330	Outside
Sunset Lawn & Sprinklers	Landscaping	3233 Via Arcilla	San Diego	CA	92111	(858) 277-1855	Outside
Superscapers	Landscaping	3512 Las Vegas Drive	Oceanside	CA	92054	(760) 717-4175	Outside
Tony's Landscaping	Landscaping	9941 Lake Canyon Ct	Santee	CA	92071	(619) 854-3111	Outside
Torrey Pines Landscape Co., Inc	Landscaping	5560 Eastgate Mall	San Diego	CA	92121	(858) 454-1433	Outside
Trugreen Landcare #6241	Landscaping	770 Metcalf St	Escondido	CA	92025	(760) 747-1174	Outside

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Firm Name	Business Type	Firm Address	City	State	Zipcode	Phone Number	In/Out
William Joyce Design	Landscaping	1404 Tyler Avenue	San Diego	CA	92103	(619) 574-0215	Outside
Accent Paintings Inc.	Painting	7934 La Capela Place	Carlsbad	CA	92009	(760) 635-1040	Outside
ADL Painting & Wallcovering, Inc.	Painting	11242 Evergreen Loop	Corona	CA	92883	(951) 603-3815	Outside
E. J. Michael Studio	Painting	2396 Beryl Street	San Diego	CA	92109	(760) 799-6730	Outside
Gabriel Ruiz Painting	Painting	1490 Green Ray Street	San Diego	CA	92154	(858) 525-4012	Outside
Greg Motter Painting	Painting	279 N Vulcan Ave	Encinitas	CA	92024	(760) 753-0854	Outside
J & C Painting Contractors	Painting	4151 Clairmont Drive	San Diego	CA	92117	(619) 840-7346	Outside
Mr. Faux's Finishes	Painting	6169 Thorn Street	San Diego	CA	92115	(619) 857-7937	Outside
Murray Painting Inc.	Painting	4901 Mt Ada Road #130	San Diego	CA	92111	(858) 273-2577	Outside
Nelson-Lyman Painting, Inc.	Painting	659 Union St	Encinitas	CA	92024	(858) 775-3624	Outside
Retes Waterproofing & Painting	Painting	1575 Oak Drive Apt. #N6	Vista	CA	92084	(760) 295-5889	Inside
Ron Weidner Quality Painting	Painting	10876 Angola Road Ca	San Diego	CA	92126	(858) 271-8148	Outside
Schmukle Painting, Inc	Painting	6084 Corte Del Cedro Ste 100	Carlsbad	CA	92009	(760) 753-1483	Outside
Sean's Painting	Painting	300 Carlsbad Village Dr Ste 108A-257	Carlsbad	CA	92008	(760) 613-1336	Outside
Specialized Painting Services	Painting	2737 Windmill View Rd	El Cajon	CA	92020	(619) 258-7234	Outside
Swiss Painting	Painting	10630 Hunters Glen Drive	San Diego	CA	92130	(858) 229-7456	Outside
T. West Painting	Painting	1513 Rubenstein Avenue	Cardiff By The Sea	CA	92007	(858) 414-3097	Outside
The Wright Touch	Painting	3425 Richmond St	San Diego	CA	92103	(619) 296-3662	Outside
West Coast Interiors, Inc.	Painting	1611 Seventh Street	Riverside	CA	92507	(951) 369-0670	Inside
Elise Zable Photography	Photography	342 10Th Street	Del Mar	CA	92014	(858) 461-1162	Inside
Jim Greene Productions	Photography	P O Box 2150	Del Mar	CA	92014		Inside
Little Bird Photography	Photography	288 Ocean View Ave	Del Mar	CA	92014	(858) 945-7677	Inside
Magallanes Photography	Photography	3131 Mira Mesa Avenue	Oceanside	CA	92056	(760) 630-9597	Outside
Schelling Photography	Photography	250 Ocean View Avenue	Del Mar	CA	92014	(415) 637-8355	Inside
The Living Studio (Doggy Dog Photo Llc)	Photography	1011 Camino Del Mar #100	Del Mar	CA	92014	(561) 400-6161	Inside
American Residential Services	Plumber	9895 Olson Dr 720	San Diego	CA	92121	(858) 642-4745	Outside
Backflow Services	Plumber	9420 Loren Drive	La Mesa	CA	91942	(619) 303-1561	Outside
Berck's Old Time Plumbing, Heating & Air	Plumber	38415 Innovation Ct Ste E	Murrieta	CA	92563	(877) 423-7257	Outside
Build Em Plumbing	Plumber	336 Lado De Loma Drive	Vista	CA	92083	(760) 805-1821	Outside
California Delta Mechanical, Inc.	Plumber	6052 E Baseline Rd #155	Mesa	AZ	85208	(480) 898-0007	Outside
D & E Plumbing, Inc.	Plumber	1023 W Briardale	Orange	CA	92865	(714) 974-4861	Outside
Demarco Plumbing & Drain Inc	Plumber	Po Box 18871	Lakeside	CA	92040	(619) 561-9960	Outside
Dynamic Plumbing Commercial, Inc.	Plumber	5920 Winterhaven Avenue	Riverside	CA	92504	(951) 343-1200	Outside
Fast Water Heater, Inc.	Plumber	275 N Marshall Ave.	El Cajon	CA	92020	(800) 454-8955	Outside
Fraser Plumbing	Plumber	1206 Florence Street	Imperial Beach	CA	91932	(619) 646-5167	Outside
Gregory D Caso Plumbing, Inc	Plumber	361 Engel Street	Escondido	CA	92029	(760) 839-0428	Outside
Haugen Plumbing, Inc.	Plumber	44861 Trotsdale Drive	Temecula	CA	92592	(951) 506-0242	Outside
Morey, Plumbing, Heating & Cooling, Inc.	Plumber	8170 Ronson Road Suite R	San Diego	CA	92111	(858) 505-4500	Outside
Myron Plumbing Inc.	Plumber	5218 Castle Hills Dr	San Diego	CA	92109	(858) 488-1522	Outside
Plotke Plumbing	Plumber	321 La Costa Avenue	Encinitas	CA	92024	(760) 632-0461	Outside
Quality Rooter And Plumbing, Inc.	Plumber	1015 Greenfield Dr Ste 8	El Cajon	CA	92021	(619) 438-3267	Outside
Ramona Pacific Plumbing Inc.	Plumber	1171 Ash Street	Ramona	CA	92065	(760) 518-8889	Outside
Roto Rooter	Plumber	2141 Industrial Court	Vista	CA	92081	(760) 598-4292	Outside
S. H. Smiley Plumbing, Inc.	Plumber	15478 Wyeport Road	Ramona	CA	92065	(760) 789-6361	Outside
Water Heater Only, Inc.	Plumber	970 E Main Street	Grass Valley	CA	95945	(530) 274-5800	Outside
Zallar Plumbing, Inc.	Plumber	10757 Oak Creek Dr	Lakeside	CA	92040	(619) 443-1009	Outside
Del Mar Beach Property, Llc	Rental - Equipment	1601 Coast Blvd.	Del Mar	CA	92014	(858) 259-0502	Inside
Del Mar Surf Station	Rental - Equipment	1565 Coast Blvd	Del Mar	CA	92014	(858) 704-1500	Inside
Marco Crane & Rigging Co.	Rental - Equipment	10168 Channel Rd	Lakeside	CA	92040	(619) 938-8081	Outside
National Construction Rentals	Rental - Equipment	15319 Chatsworth St	Mission Hills	CA	91345	(818) 221-6057	Outside
United Site Svcs Of Ca Inc	Rental - Equipment	4511 N Rowland Ave.	El Monte	CA	91731	(626) 442-7775	Outside
Advanced Backflow Preventer Svc	Repair Services	8260 Engineer Rd	San Diego	CA	92111	(858) 573-0842	Outside

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Firm Name	Business Type	Firm Address	City	State	Zipcode	Phone Number	In/Out
Alessio Heating & Air Inc.	Repair Services	1924G Mission Rd	Escondido	CA	92029	(760) 489-2299	Outside
Hughes Heating & Air Conditioning	Repair Services	9316 Abraham Way	Santee	CA	92071	(619) 448-2656	Outside
Sherlock Heating & Air Conditioning, Inc	Repair Services	514 Hilo Way	Vista	CA	92081	(760) 295-5014	Outside
Southcoast Heating And Air	Repair Services	2373 La Mirada Drive	Vista	CA	92081	(760) 941-7000	Outside
Xerox Corp/C/O John Reifer	Repair Services	Xerox Square-040A/Tax Dept	Rochester	CA	14644	(585) 421-0272	Outside
Bob Piva Roofing	Roofing Company	1192 Industrial Ave	Escondido	CA	92029	(760) 745-4700	Outside
California Premier Roofscapes, Inc.	Roofing Company	460 Corporate Drive	Escondido	CA	92029	(760) 489-5800	Outside
Cosenza Roofing	Roofing Company	9260 Lamar Street	Spring Valley	CA	91977	(619) 465-0877	Outside
Elite Roofing & Construction	Roofing Company	4570 Van Nuys Boulevard #538	Sherman Oaks	CA	91403	(818) 782-3389	Outside
J.P. Witherow Roofing Co.	Roofing Company	10176 Riverford Rd	Lakeside	CA	92040	(619) 297-4701	Outside
JL Roofing	Roofing Company	2058 Pleasant Heights Drive	Vista	CA	92084	(760) 941-4571	Outside
Kevin Zehner Inc Dba Cal Tech Roofing	Roofing Company	602 Ridgeline Place	Solana Beach	CA	92075	(858) 481-4181	Outside
Knudsen Roofing, Inc.	Roofing Company	1657 Silvertree Lane	Escondido	CA	92027	(760) 747-1864	Outside
Martin Roofing Co. Inc.	Roofing Company	6608 Federal Blvd.	Lemon Grove	CA	91945	(619) 287-6860	Outside
Mike Webb Roofing Company	Roofing Company	6220 Marindustry Drive #B	San Diego	CA	92121	(858) 457-4110	Outside
Schott Roofing Inc.	Roofing Company	225 E Carmel St 1	San Marcos	CA	92078	(760) 744-6450	Outside
The Shower Pan Man, Inc	Roofing Company	1316-G N Melrose Dr	Vista	CA	92083	(760) 940-4126	Outside
Up On The Roof, Inc	Roofing Company	26769 Queen Ct	Murrieta	CA	92563	(951) 698-3797	Outside
Cannon Pacific Services Inc	Street Sweeping	285 Pawnee St Ste A	San Marcos	CA	92078	(760) 471-9003	Outside
Menehune Surf School Llc	Surf Camps	2216 Avendida De La Playa	La Jolla	CA	92037	(858) 663-7299	Outside
Rancho Del Mar Surf Camp	Surf Camps	PO Box 314	Del Mar	CA	92014	(619) 507-3588	Inside
Sol Surf Camp, Inc.	Surf Camps	22nd Street	Del Mar	CA	92014	(619) 889-0404	Inside
24/7 Solana Beach Cab	Taxi	13130 Rancho Penasquitos Boulevard #3	San Diego	CA	92129	(858) 668-6807	Outside
4S Cab	Taxi	16507 Dove Canyon Road #9103	San Diego	CA	92127	(858) 837-4466	Outside
5 Star	Taxi	1937 Dove Lane Suite 100	Carlsbad	CA	92009	(858) 876-8750	Outside
AAA North County Cab	Taxi	10094 Paseo Montril #617	San Diego	CA	92129	(858) 888-9191	Outside
AAA Taxi Cab Dba Carlsbad Taxi Cab	Taxi	6965 El Camino Real 105-217	Carlsbad	CA	92009	(760) 721-3333	Outside
All County Airport Cab	Taxi	10868 Sabre Hill Drive #266	San Diego	CA	92128	(858) 967-5344	Outside
ATA Taxi	Taxi	9175 Judicial Dr #6424	San Diego	CA	92122	(858) 530-0128	Outside
Big Mike's Taxi	Taxi	209 Delphinium	Encinitas	CA	92024	(760) 500-8411	Outside
Black Cab	Taxi	12757 Seabreeze Farms #9	San Diego	CA	92130	(858) 254-1252	Outside
Blue Coast Taxi	Taxi	1612 Valencia Ct.	Oceanside	CA	92054	(760) 274-7964	Outside
Coastal Cab	Taxi	1255 Cynthia Ln	Carlsbad	CA	92008	(760) 722-7472	Outside
Courtesy Cab Company	Taxi	1850 So. Santa Fe D	Vista	CA	92084	(760) 599-4221	Outside
Craig's Cab	Taxi	686 Rivertree Drive	Oceanside	CA	92058	(760) 722-2227	Outside
Dan Cab	Taxi	10978 W Ocean Air Dr #2115	San Diego	CA	92130	(858) 405-9436	Outside
Del Cab	Taxi	991 Lomas Santa Fe Ste C-240	Solana Beach	CA	92075	(760) 230-1235	Outside
Del Mar's Night Cab	Taxi	9155 Judicial Drive #5221	San Diego	CA	92122	(858) 829-6215	Outside
Freelance Cab	Taxi	15030 Avenida Montuosa #C	San Diego	CA	92129	(858) 668-6807	Outside
JC's Taxi Service	Taxi	919 W Brass Way	Encinitas	CA	92024	(760) 519-7583	Outside
Moonlight Cab	Taxi	2705 Worden Street	San Diego	CA	92110	(619) 609-8371	Outside
North County Coastal Cab	Taxi	16226 Avenida Venusta # C	San Diego	CA	92128	(858) 335-5923	Outside
Oceanside Trans Svcs, LLC	Taxi	624 Camelot Drive	Oceanside	CA	92054	(760) 722-4217	Outside
Rancho Bernardo Taxi	Taxi	16507 Dove Canyon Road #4202	San Diego	CA	92127	(858) 888-0090	Outside
Samber Inc. Dba Coach Cab	Taxi	1285 Distribution Way	Vista	CA	92081	(760) 727-4702	Outside
Santa Fe Cab	Taxi	1387 Serena Circle #3	Chula Vista	CA	91910	(858) 213-6333	Outside
So Cal Taxicab	Taxi	1564 Candor Street	Encinitas	CA	92024	(760) 822-8479	Outside
Solana Beach Cab	Taxi	5110 Clairemont Mesa Blvd #314	San Diego	CA	92117	(858) 531-7303	Outside
Solana Beach Taxi	Taxi	910 Intrepid Court	Del Mar	CA	92014	(858) 259-9898	Outside
Solana Beach Taxicab	Taxi	9505 Gold Coast Drive #56	San Diego	CA	92126	(858) 735-4742	Outside
SR Cab	Taxi	309 Solana Hills Dr #13	Solana Beach	CA	92075	(619) 878-0167	Outside
Sunbird	Taxi	3485 Kurtz St	San Diego	CA	92114	(619) 566-7019	Outside

Appendix J - Mobile Business Inventory

Firm Name	Business Type	Firm Address	City	State	Zipcode	Phone Number	In/Out
Sunny Cab	Taxi	7991 Anders Circle	La Mesa	CA	91942	(619) 698-5735	Outside
Suzy's Taxi Cab	Taxi	2342 Grove Avenue	San Diego	CA	92154	(619) 800-4582	Outside
Swami's Cab	Taxi	6550 Ponto Dr #1	Carlsbad	CA	92011	(760) 908-7787	Outside
Taxi Cab N - County Services	Taxi	1114 Sycomor View Drive	Encinitas	CA	92024	(619) 251-8629	Outside
The Q Cab	Taxi	202 S Ditmar Street	Oceanside	CA	92054	(760) 712-6243	Outside
Tri-City Cab	Taxi	3133 Jefferson St. #2	Carlsbad	CA	92008	(760) 533-4448	Outside
Your Taxi	Taxi	808 Magnolia Ave	Carlsbad	CA	92008	(760) 402-6760	Outside
Rancho Del Oro Towing	Towing Services	6050 Avenida Encinas	Carlsbad	CA	92011	(760) 931-6665	Outside
Rose Towing, Inc.	Towing Services	2201 San Dieguito Dr	Del Mar	CA	92014	(858) 755-6426	Inside
Advanced Window Washing	Window Washing Service	1611 Calle Colorado	Vista	CA	92084	(760) 630-5113	Outside
Daniel Window Cleaning	Window Washing Service	9487 Stoyer Drive	Santee	CA	92071	(619) 322-4812	Outside
Green Flash Window Cleaning	Window Washing Service	1320 Ocean Avenue #A	Del Mar	CA	92014	(760) 450-6991	Inside
Heavenly Views Window Cleaning	Window Washing Service	460 Saxony Road	Encinitas	CA	92024	(760) 613-2792	Outside
Wolff Window Cleaning	Window Washing Service	2082 Sea Village Circle	Cardiff By The Sea	CA	92007	(760) 522-7624	Outside

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**Appendix K**  
**FY 2012 Revisions to 2008 JURMP**

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# Section 7

## Industrial and Commercial Component

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### 7.1 Introduction

The industrial and commercial JURMP program described in this section was developed pursuant to Section J.1.a (3)(f) of the Permit and contains the information required, as specified in Section D.3.b.

### 7.2 Industrial Sites / Sources Element

#### 7.2.1 Background

The Industrial Component specifies best management practices for industrial areas and activities that occur within the City. These methods are industry and site specific and are described under Section 7.2.3. Industrial businesses are required to implement BMPs pursuant to the City's Stormwater Ordinance. The City, through an inspection program described under Section 7.2.4.2, will verify implementation of BMPs by industrial businesses. The City will enforce the implementation of these methods pursuant to the City's Stormwater Ordinance, DMMC 11.30.

The procedures listed in this industrial segment address the City's program as stated in Permit section D.3.b and the City's part to provide a general oversight of industrial facilities covered under the General Storm Water Industrial Permit (Order 97-03-DWQ) and any subsequent amendments/addendums. The City is not directly responsible for the industrial facility's compliance with the General Storm Water Industrial Permit, as this is an activity performed by the San Diego RWQCB, but it does inspect and require compliance with DMMC to protect stormwater quality and prevent urban runoff. Should any of the Industrial Permit requirements change, the requirements within this component will be updated accordingly to reflect a consistent compliance strategy, as appropriate.

#### 7.2.2 Source Characterization

This section provides a completed and prioritized watershed-based inventory of all industrial sites/sources that could contribute a significant pollutant load to the MS4. At a minimum, this includes as applicable each of the sites / sources listed in permit section D.3.b.(1)(b) through (d) and J.1.a.(3)(f)i.

The Permit requires the City to develop, and update annually, a watershed-based inventory of all industrial sites within its jurisdiction that could contribute a significant pollutant load to the MS4 and the Clean Water Program Manager oversees this process. The inventory process conforms to guidelines in Permit. Following are the Statewide Industrial Permit guidelines that identify industrial businesses as priority sites/sources:

- Industrial facilities, as defined at 40CFR § 122.26(b)(14), including those subject to the General Storm Water Industrial Permit or other individual NPDES permit
- Facilities subject to SARA Title III
- Hazardous waste treatment, disposal, storage, and recovery facilities
- All other industrial sites/sources tributary to CWA Section 303(d) impaired water body segment, where the site/sources generates pollutants for which the water body segment is impaired. All other industrial sites/sources within or directly adjacent to or discharging

directly to coastal lagoons or other receiving waters within environmentally sensitive areas (as defined in Attachment C of the Order)

- All other industrial sites/sources that the City determines may contribute a significant pollutant load to the MS4

The current inventory of priority industrial facilities is provided in Appendix 7-A. Based on the current inventory, the City contains two (2) businesses that are classified as industrial. One of these, the 22<sup>nd</sup> District Agricultural Association, is located within the City's limits but is a state entity under the jurisdiction of the San Diego RWQCB. Planning and development projects are not subject to the City's Community Plan requirements and instead are processed through the Coastal Commission and other State regulatory agencies as applicable. The priority inventory list is to be updated annually, although it is not anticipated that new entries will be added due to the City's limited industrial zoning.

The inventory is generated from businesses that hold City of Del Mar business licenses and qualify as outlined above. Based on Standard Industrial Classification (SIC) codes, priority industrial businesses are identified. Appendix 7-B provides a list of all industrial facility SIC codes and their categorizations used for this process. Additionally, the State Water Resources Control Board web site, <http://www.swrcb.ca.gov/stormwtr/industrial.html>, has a database available that provides a list of all Industrial Storm Water permittees in the state. The State's inventory has been compared to the City's inventory to verify completeness; no new facilities were added to the inventory in 2007-2008.

New entries to the inventory are added from information provided on a standard form required as part of the business license application process. New industrial facilities are also identified by the City's Planning Department through the development review and permitting process. A third method includes Building Department permitting. Periodically, the priority industrial inventory is cross-referenced with the Business License database to ensure the completeness of the inventory. This is also the process for removing closed industrial businesses from the inventory. It should be noted that Del Mar has very limited zoning for industrial land use and hence it is unlikely to have any new industrial facilities in the future.

Watersheds are assigned to businesses through one of two methods: 1) the location of the business is manually located on a map and the watershed is located; or 2) the business inventory record can be cross-referenced with a Geographical Information System (GIS)-based database to return the watershed of the business' location.

## **7.2.3 Best Management Practice Requirements**

### **7.2.3.1 Updated BMP Requirements**

This section includes a list and description of minimum BMPs to be implemented, or required to be implemented, for each industrial site/source, including pollution prevention [Permit sections D.3.b.(2) and J.1.a.(3)(f)ii.]

As required by the Permit, the City has designated a minimum set of BMPs for priority industrial sites or activities. These BMPs are described in the City's Industrial Urban Runoff BMP Requirements Manual (Appendix 7-C) and site-specific BMPs are included in the inventory in Appendix 7-A. Minimum BMPs required of priority industrial sites are of the non-structural source control nature, such as annual employee stormwater training, good housekeeping, and maintenance and operation of pollution source areas. As set forth in the City's Stormwater

Ordinance, each industrial site is required to implement the designated BMPs as specified in Appendix 7-C and listed in Appendix 7-A.

### **7.2.3.2 Additional Controls for Industrial Sites / Sources**

This section describes any additional controls the City will implement or require implementation of for industrial sites tributary to CWA section 303(d) impaired water body segments where a industrial site generates pollutants for which the water body segment is impaired, or for industrial sites within, adjacent to, or discharging directly to coastal lagoons or other receiving waters within water quality sensitive areas including environmentally sensitive areas (Permit section D.3.b.(2)(e)).

In addition to the minimum BMPs listed in Appendices 7-A and 7-C, the City may require a specific industrial site to implement additional controls to protect a water quality sensitive area. Additional BMPs may include preparation of a spill prevention and response plan and/or treatment control (structural) BMPs. Such measures will be implemented on a site-specific basis. Currently, there are no industrial sites identified as contributing pollutants listed as 303(d) impairments to such receiving water bodies in the City of Del Mar. Updates to the inventory will be added if there are future changes in the 303(d) listings and/or the addition of new industrial facilities in the City.

### **7.2.4 Program Implementation**

This section describes the steps to require and verify the implementation of designated BMPs for industrial sources (Permit sections D.3.b.(3), (5) and (6) and J.1.a.(3)(f)iii-xi). The detailed organization of this section reflects the specific processes used by the City, and may be further sub-divided according to need.

The following section details the different aspects of program implementation for priority industrial facilities. It should be noted that these procedures have been simplified, not intended to be less stringent than required in the Permit, but more practical to fit Del Mar's program since it is limited to only one industrial facility that is under the City's jurisdiction.

#### **7.2.4.1 Education and Outreach**

Education and outreach for priority facilities will be conducted by the City at the time of annual inspection. The same process would be conducted with any new priority industrial facilities. Education and outreach consist of on-site training of facility employees on an as-needed basis, as determined by inspection results and facility compliance.

#### **7.2.4.2 Staff Training**

City staff responsible for conducting facility stormwater inspections (i.e. code enforcement, Clean Water Program staff, etc.) should stay abreast of any training opportunities to ensure that they are current on the General Storm Water Industrial Permit requirements and any related changes to the General Storm Water Industrial Permit as well as any relevant RWQCB regulations. Updates can also be found on the SWRCB or RWQCB websites.

#### **7.2.4.3 Monitoring**

Monitoring is required of each priority industrial site per the General Storm Water Industrial Permit. Each industrial site operator must develop a written monitoring program for the site in

order to comply with the requirements of the General Storm Water Industrial Permit. The City will verify monitoring program implementation during the annual inspection and review the pollutant levels reported by the facility (in their annual report under the General Storm Water Industrial Permit) to verify BMP effectiveness and need for any additional BMPs. The following is a summary of the monitoring program required as part of the General Storm Water Industrial Permit:

### ***Non-storm Water Discharge Visual Observations***

Although not required as part of the Municipal Permit (Order No. R9-2007-0001) or by this JURMP section, non-storm water discharge visual observations are required as part of the General Storm Water Industrial Permit (Order 97-03-DWQ). The City will review and verify each facility operator's records as part of the annual inspection to identify any potential pollutant discharges to the MS4 or receiving waters. The facility is required by the Statewide Industrial Storm Water Permit to:

- Observe all drainage areas within their facilities for the presence of unauthorized non-storm water discharges.
- Observe the facility's authorized non-storm water discharges and their sources.
- Conduct visual observations on a quarterly schedule.
- Document the presence of any discolorations, stains, odors, floating materials, etc., as well as the source of any discharge.
- Maintain records of the visual observation dates, locations observed, observations, and response taken to eliminate unauthorized non-storm water discharges and to reduce or prevent pollutants from contacting non-storm water discharges.
- To revise their Storm Water Pollution Prevention Plan (SWPPP) and/or monitoring program, as necessary.

### ***Storm Water Discharge Visual Observations and Sampling***

Similarly to non-stormwater visual observations, the General Storm Water Industrial Permit requires stormwater discharge visual observation and sampling. The records of these activities are a valuable tool for the City's inspectors and aids in evaluating BMP implementation and effectiveness. They may also assist the City in determining if additional BMPs are necessary to comply with the City's ordinances, the Permit, and this JURMP.

The following sections describe the general approach to be taken by industrial facilities to meet the stormwater discharge visual observation and sampling requirements in the General Storm Water Industrial Permit and are provided here as guidance to City inspectors and facility operators. The approach is based on the General Storm Water Industrial Permit (Order 97-03-DWQ) and may change with any amendments or revisions issued by the SWRCB.

Industrial site operators are required to visually observe stormwater discharges and collect stormwater samples from at least two storm events a year by the General Storm Water Industrial Permit. Operators attempt to visually observe stormwater discharges from every storm event. The required visual observations and sampling shall occur during the first hour of discharge and at all designated discharge locations. Sampling and visual observations of stored or contained stormwater shall occur at the time the stored or contained stormwater is released.

The samples shall be analyzed for:

- Any pollutant listed in effluent guidelines subcategories where applicable
- Any pollutant for which an effluent limit has been established in an existing General Industrial NPDES permit for the facility
- Total organic carbon (TOC) - Oil and grease (O&G) may be substituted for TOC
- Total suspended solids (TSS)
- pH
- Specific Conductance
- Toxic chemicals and other pollutants likely to be present in stormwater discharges in significant quantities
- Other parameters as required by the City, if applicable

Visual observations document the presence of any floating and suspended material, oil and grease, discolorations, turbidity, odor, and source of any pollutants. Records are to be maintained of observation dates, locations observed, observations, and response taken to reduce or prevent pollutants in stormwater discharges. In addition, operators with stormwater containment facilities are to conduct monthly inspections of their containment areas to detect leaks and ensure maintenance of adequate freeboard. Records are to be maintained of the inspection dates, observations, and any response taken to eliminate leaks and to maintain adequate freeboard.

Facility operators are to visually observe and collect samples of stormwater discharges from all drainage areas that represent the quality and quantity of the facility's stormwater discharges from the storm event. If the facility's stormwater discharges are commingled with run-on from surrounding areas, the facility operator should identify other visual observation and sample collection locations that have not been commingled by run-on and that represent the quality and quantity of the facility's stormwater discharges from the storm event. If visual observation and sample collection locations are difficult to observe or sample (e.g., sheet flow, submerged outfalls), facility operators are to identify and collect samples from other locations that represent the quality and quantity of the facility's stormwater discharges from the storm event. Facility operators that determine that the industrial activities and BMPs within two or more drainage areas are substantially identical may either collect samples from a reduced number of substantially identical drainage areas, or collect samples from each substantially identical drainage area and analyze a combined sample from each substantially identical drainage area. Facility operators must document such a determination in their reports.

A facility operator may conduct visual observations and collect samples more than one hour after discharge begins if the facility operator determines that the objectives will be better satisfied. The facility operator includes an explanation in their annual report of why the visual observations and sample collection was conducted after the first hour of discharge.

All sampling and sample preservation are to be taken in accordance with the current edition of "Standard Methods for the Examination of Water and Wastewater" (American Public Health Association). All monitoring instruments and equipment (including a facility operator's own field instruments for measuring pH and conductivity) shall be calibrated and maintained in accordance with manufacturers' specifications to ensure accurate measurements. All laboratory analyses must be conducted according to test procedures under 40 CFR Part 136, unless other test procedures have been specified in the City's Ordinance or in writing by the City. All metals shall be reported as total metals. With the exception of analysis conducted by facility operators,

all laboratory analyses shall be conducted at a laboratory accredited for such analyses by the State of California Department of Health Services. Facility operators may conduct their own sample analyses if the facility operator has sufficient capability (qualified employees, laboratory equipment, etc.) to adequately perform the test procedures.

### **Sampling and Analysis Exemptions and Reductions**

Although sampling and analysis exemptions and reductions are available to industrial facilities conducting sampling under the General Storm Water Industrial Permit, the City does not have any authority to allow such exemptions and reductions, other than the option to participate in group monitoring programs (as described in the General Storm Water Industrial Permit). Therefore, sampling and analysis exemptions or reductions by the City are not available to priority industrial sites, and the above-described sampling program must be implemented at all priority industrial sites in the City, unless the operator participates in group monitoring under group monitoring programs approved by the State Water Resources Control Board. A facility operator that participates in group monitoring shall develop and implement a monitoring program in accordance with any group monitoring requirements.

### **Records**

Records of all stormwater monitoring information and copies of all reports (including the Annual Reports) required by the General Storm Water Industrial Permit are required to be retained for a period of at least five (5) years. These records should be available for inspection by the City as part of its industrial inspection program and to verify compliance with BMP requirements listed in this JURMP. The records include:

- The date, place, and time of site inspections, sampling, visual observations, and/or measurements
- The individual(s) who performed the site inspections, sampling, visual observations, and or measurements
- Flow measurements or estimates (if taken)
- The date and approximate time of analyses
- The individual(s) who performed the analyses
- Analytical results, method detection limits, and the analytical techniques or methods used
- Quality assurance/quality control records and results
- Non-stormwater discharge inspections and visual observations and stormwater discharge visual observation records
- All calibration and maintenance records of on-site instruments used
- The records of any corrective actions and follow-up activities that resulted from the visual observations.

### **Annual Reporting**

All priority industrial site operators submit to the State Water Resources Control Board an annual report by July 1 of each year, as required by the Statewide General Industrial Permit. City inspectors routinely verify that the annual report has been submitted to the SWRCB in compliance with the requirement.

## **7.2.5 Inspection of Industrial Sites**

This section describes the City's program for inspections of industrial sites. This program was developed in accordance with part D.3.b.(3) of the Permit.

### 7.2.5.1 Inspection Frequency

Inspections of priority industrial sites, as defined in Permit section D.3.b.(3)(b),(c), and (d), will be conducted on approximately monthly basis annually either by Code Enforcement personnel or Clean Water Program staff (surpassing permit requirements of annual inspections). Since the City only has ~~two industrial facilities (Appendix 7-A, 2007 inventory)~~, one priority industrial business within its jurisdiction, and since limited industrial zoning minimizes the potential for new businesses, 100% of inventoried facilities will be inspected annually [the Permit requires that 50% of priority facilities be inspected the first reporting year (2008-2009), and 100% be inspected by the second year (2009-2010)]. Industrial businesses that demonstrate a higher frequency of violations or a greater threat to water quality may be subject to more frequent inspections by the Code Enforcement personnel or Clean Water Program staff. If the City is informed that the San Diego RWQCB has conducted an inspection of a site during a particular year, the City is not required to conduct an inspection for that year.

### 7.2.5.2 Inspection Procedures

A member of the Clean Water Program or qualified Code Enforcement staff will conduct patrolling inspections of the one (1) industrial facility within the City. Inspections will focus on the property and outdoor areas that are subject to urban runoff and have a high potential to be a source of pollutants.~~an annual inspection of the industrial facility listed in the priority inventory or any additional sites/sources determined to pose a high threat to water quality, as discussed in previous sections.~~ The City will also coordinate with the RWQCB for support in joint inspections of some industrial dischargers. Complete industrial facility inspection procedures are detailed in Appendix 7-D.

Upon inspection, the inspector must update the inventory based on the information obtained during the inspection and logged in the completed inspection form and make referrals, as needed, to the City's Clean Water Program Manager or other departments and agencies.

### 7.2.5.3 Referrals

The City is required to provide notification to the San Diego RWQCB of non-compliant sites including "non-filers" (industries are required to submit a notice of intent for coverage under the General Storm Water Industrial Permit if they meet the criteria) and any other industry that is determined to pose a threat to human or environmental health. Additionally, the County of San Diego Department of Environmental Health must be notified immediately if a discharge is posing a threat to human health.

If hazardous materials require clean up, the inspector may choose to contact the fire department or other licensed personnel to conduct or assist with the clean up, if the responsible party cannot adequately or safely perform the clean up. Abatement requirements will be the responsibility of the responsible party or facility owner. Other County or State agencies may need to be contacted regarding hazardous materials or spills based upon the inspection findings.

If a discharge occurred, to the MS4 or the receiving waters, the inspector may choose to request that water quality testing be conducted by the industrial facility operator, or appropriate City personnel to determine the extent of the pollutant levels.

If a non-hazardous spill or discharge entered a public facility such as the MS4 or sanitary sewer, the appropriate City personnel should be contacted, starting with the Public Works Department, to assist with the abatement and clean up, and to track and prevent any potential downstream impacts.

Additional details on spill management and the City's program can be found in Sections 9.3 and 9.5 of City's JURMP.

#### 7.2.5.4 Filing

All records relating to a business should be stored or filed in the City's patrolling inspection database, as appropriate. All photos and other documentation collected during the inspections must be included with the inspection form and backed up onto the Clean Water Program network, priority industrial site/source file (electronic or hardcopy). Hard copies of inspection forms, copies of violations, and other notes should be filed as back up, as appropriate.

#### 7.2.5.5 Follow Up Inspections

Inspectors will conduct follow-up inspections within a reasonable time to determine if corrective actions have been taken in accordance with the City's ordinances and minimum BMP requirements. A summary of the findings resulted out of the inspection (routine or follow-up) will be provided to the facility owner or manager through the use of the patrol follow-up letters, specifying the required action item(s) and timeline for compliance. Escalating enforcement steps, providing flexibility for the inspectors to establish appropriate compliance time frames on a case-by-case basis, should be used as needed to ensure compliance. In cases where the facility was deemed to be in compliance with Stormwater regulations, a compliance letter or form will summarize the inspection findings.

#### 7.2.5.6 Third Party Inspections

Due to its size, staffing, and limited industrial land use zoning, it is unlikely that the City of Del Mar would implement a third party industrial inspection program. In the event that such a program would be implemented, the following items of the Permit would be included as part of the program in order to achieve compliance:

Third party inspections can satisfy up to 30% of the inspection requirements in section D.3.b(3)(d) of the Permit; the City of Del Mar would fulfill the remaining required inspections. To the extent that third party inspections are conducted to fulfill the requirements of section D.3.b(3)(d), the City of Del Mar will be responsible for the inspection of an additional site for every three sites inspected by a third party. The additional inspections may be conducted by the City of Del Mar or a third party inspector. The third party inspection program would include the following:

- A description of facility types proposed to be inspected by third parties, including SIC codes;
- A third party inspector certification program;
- The inspection requirements described in section D.3.b.(3)(a);
- Inspection form templates for third party inspector use;
- Photo documentation of potential storm water violations identified during the third party inspection;

- An annual audit of random, representative sites that were inspected by a third party;
- An annual audit of random, representative third party inspectors;
- Reporting to the City of identified significant potential violations within 24 hours of the third party inspection;
- Reporting to the City of all inspection findings within one week of the third party inspection being conducted; and
- Follow-up and/or enforcement actions for identified potential storm water violations within 2 business days of the inspection or potential violation report receipt.

The number of the inventoried priority industrial sites/source inspections will be tracked and all historical inspection information will be kept with a file for each facility.

#### **7.2.5.7 Enforcement**

A site is considered non-compliant when one or more violations of local ordinances, permits, plans, or the Permit are observed during an inspection.

If a violation and/or immediate threat to water quality are observed during an inspection, action should be taken to require the facility owner and/or operator to immediately cease the discharge. The threat to water quality shall be assessed by the inspector and a recommendation should be made to the City's Clean Water Program Manager in order to properly delegate and track enforcement.

The City is required to enforce its ordinances at all industrial sites. An enforcement action would typically occur as a result of an inspection or in response to a public or municipal staff reporting of a suspected illegal discharge or connection. The City employs several enforcement mechanisms and penalties to ensure compliance with its ordinances. The level of enforcement and associated penalties are typically issued at the discretion of the Clean Water Program Manager or the Code Enforcement officer with consideration of relevant circumstances regarding the violation.

The City Clean Water Program staff work in conjunction with City Code Enforcement staff to conduct industrial facility inspections. Enforcement actions resulting from violations can only be issued by City personnel that have received their Peace Officer Standards & Training (P.O.S.T.) certificate. In the City of Del Mar, this would typically be the Code Enforcement Officer or a qualified member of the Clean Water Program.

For a complete description of administrative authorities and other legal enforcement actions, please refer to Section 2.2.2 of this JURMP. Enforcement applied to priority industrial sites for urban runoff-related violations is described below.

#### **7.2.5.8 Reporting of Industrial Non-Filers**

As part of each JURMP Annual Report, the City shall report a list of industrial sites, including the name, address, and SIC code, that may require coverage under the General Industrial Permit for which a Notice of Intent (NOI) has not been filed with the SWRCB to comply with Permit requirements in Section J.1.a.(3)(f).xi.

### **7.2.5.9 Owner/Operator Notifications**

All industrial businesses active in the City and identified in the industrial priority source inventory will be notified annually about stormwater BMP requirements during the annual inspection. The City may provide additional general notification of BMP requirements and City Stormwater ordinances with the businesses' required annual business license renewal. Other notification and education activities are listed in Section 10, but are not extensive in Del Mar, since it is more feasible to work one-on-one with the single industrial facility located in the City.

### **7.2.6 Annual Reporting Requirements**

For the Industrial Component Annual Reporting requirements, refer to Section J.3.a.(3).(d) of the Permit. The Annual report is required to include the following information:

- i. Any updates to the industrial and commercial inventory.
- ii. Confirmation that the designated BMPs were implemented, or required to be implemented, for industrial and commercial sites/sources.
- iii. A description of efforts taken to notify owners/operators of industrial and commercial sites/sources of BMP requirements, including mobile businesses.
- iv. Identification of the total number of industrial and commercial sites/sources inventoried and the total number inspected.
- v. Justification and rationale for why the industrial and commercial sites/sources inspected were chosen for inspection.

### **7.2.7 Industrial Sites / Sources Effectiveness Assessment**

For the Industrial Component effectiveness assessment, like the others, refer to JURMP Section 13.0 which addresses the effectiveness assessment requirements listed in Permit sections I.1 and J.1.(3)(l).

### **7.2.8 Modifications**

For the Industrial Component modifications, refer to JURMP Section 14.0 which addresses the identification of the location in the JURMP of any changes made to the JURMP in order to meet the requirements of Order No. R9-2007-0001 listed in Permit sections I.1 and J.1.(3)(l).

## **7.3 Stationary Commercial Sources Element**

### **7.3.1 Background**

The program described in this section contains the information required, as specified in Section D.3.b of the Permit, for stationary commercial businesses.

Stormwater pollution prevention involves the implementation of Best Management Practices (BMPs) to reduce or eliminate the introduction of pollutants into stormwater runoff at the source. The identification and elimination of sources of pollutants prevents them from coming in contact with stormwater runoff and washing off into receiving water bodies such as creeks, lakes, and ultimately, the ocean. Although BMPs can take many forms, including structural or mechanical means, source control BMPs are the most common type of pollution prevention method at commercial sites. Such BMPs are cost effective, easily implemented, and the most effective if

applied appropriately since they essentially prevent pollutants in stormwater runoff. For some larger facilities or specific priority (high threat to water quality) commercial sites, SWPPP may be necessary. The SWPPP provides the facility or multiple facilities (like a shopping mall or center) with a comprehensive document that outlines all the source control and treatment control BMPs implemented for all areas and activities. The SWPPP can also outline the obligations of the property owner(s) and tenant(s) to comply with the City's stormwater ordinances.

The Commercial Component specifies pollution prevention methods and BMPs for priority commercial businesses and activities that occur within the City. The selected BMPs are activity and site specific and are described under Section 7.3.4. Commercial businesses are required to implement these methods pursuant to the City's Stormwater Ordinance, DMMC 11.30. The City, through an inspection program described below, will verify implementation of pollution prevention methods by such commercial businesses and the City will enforce the implementation of these methods pursuant to the Stormwater Ordinance.

### **7.3.2 Source Characterization**

This section provides a completed and prioritized watershed-based inventory of all stationary commercial sites/sources that could contribute a significant pollutant load to the MS4. At a minimum, this will include as applicable each of the stationary commercial sites / sources listed in Permit section D.3.b.(1)(a), (c), and (d).

The criteria for identification of priority commercial facilities are listed in Section D.3.b.(1) of the Permit. The City needs only to identify those commercial businesses that qualify as priority facilities under the following criteria in order to comply with this Section of the Permit. Those categories include:

1. Any business of the following type/activity:
  - Automobile repair, maintenance, fueling, or cleaning
  - Airplane repair, maintenance, fueling, or cleaning
  - Boat repair, maintenance, fueling, or cleaning
  - Equipment repair, maintenance, fueling, or cleaning
  - Automobile and other vehicle body repair or painting
  - Mobile automobile or other vehicle washing
  - Automobile (or other vehicle) parking lots and storage facilities
  - Retail or wholesale fueling
  - Pest control services
  - Eating or drinking establishments, including food markets
  - Mobile carpet, drape or furniture cleaning
  - Cement mixing or cutting
  - Masonry
  - Painting and Coating
  - Botanical or zoological gardens and exhibits
  - Landscaping
  - Nurseries and greenhouses
  - Golf courses, parks, and other recreational areas/facilities
  - Cemeteries
  - Pool and fountain cleaning
  - Marinas
  - Portable sanitary services

- Building material retailers and storage
  - Animal facilities
  - Power washing services
2. Any commercial site/source tributary to a CWA section 303(d) impaired water body segment, where the site/source generates pollutants for which the water body segment is impaired.
  3. Any commercial site/source within or directly adjacent to or discharging directly to coastal lagoons or other receiving waters within environmentally sensitive areas (as defined in Attachment C of the Permit)
  4. Any commercial site/source that the City determines may contribute a significant pollutant load to the MS4

For the purposes of this commercial facility prioritization process, all other sites and sources not included in the commercial business categories shown above are designated as non-priority by default and need not be identified. Beginning in 2012, the City will begin the process of modifying the inventory to a property-based system, where all stationary commercial properties within the City are included. Those commercial businesses that qualify as priority facilities under Section D.3.b.(1) of the permit will also be included, where the inventory will specify the business tenants for each property.~~At the City's discretion, based on inspection results or reported activities involving illicit discharges, non-priority commercial facilities may be reclassified (at least temporarily) as priority until compliance is achieved and sustained.~~

### 7.3.2.1 Inventory Process Overview

The City is required by the Permit to identify and inventory its potential sources of pollution from commercial businesses to the MS4. The Clean Water Program Manager oversees the commercial facility inventory process. The City has developed an inventory of priority commercial properties and businesses within the City that is periodically revised to keep it current. The commercial business qualifies as a priority facility due to its type or activity as described in Section 7.3.1 above or because it is anticipated to generate and contribute pollutants to the MS4 and/or contributes runoff to a Water Quality Sensitive Area (WQSA) provided in Section 1, Figure 1.1-2, as defined by the City (Section 1.1.3). The inventory is generated and updated from a database of businesses that hold City of Del Mar business licenses and the inventory is populated by commercial facilities as outlined in Permit section D.3.b.(1)(a), (c), and (d).

Updates to the priority commercial facility inventory are provided on an annual basis, at a minimum. New entries to the inventory are recorded with information provided on a form required as part of the business license application process. The inventory is cross-referenced with the City's business license database to ensure a complete inventory; this is also the process for removing closed businesses from the inventory.

Watersheds are linked to priority commercial businesses through one of two methods: 1) the location of the business is manually located on a map and the watershed is identified; or 2) the commercial business inventory is cross-referenced with a GIS-based database to identify the watershed in which the business is located. The priority commercial business list also identifies any facilities which are tributary to a CWA Section 303(d) impaired water body segment so that additional Stormwater BMPs can be prescribed.

### 7.3.2.2 Existing Inventory

The current inventory of priority stationary commercial businesses is provided in Appendix 7-E. Based on the 2007 inventory, the City contains approximately 41 businesses that are classified as priority stationary commercial facilities and 6 mobile businesses. The stationary commercial inventory provides a watershed-based breakdown of the number of priority commercial businesses identified in the City. Currently, there are 40 stationary commercial businesses in the San Dieguito watershed and only 1 located within the Los Peñasquitos watershed.

In creating the current inventory, Standard Industrial Classification (SIC) codes were referenced to determine whether a commercial business qualified as one of the priority business types listed in Section 7.3.1. The potential inaccuracies associated with using SIC codes assigned by a business to determine their prioritization are acknowledged and compensated for as best as possible. As an example, inaccuracies may arise when a business is assigned an inaccurate SIC code or when an assigned SIC code applies to the business's primary activity but the business conducts additional activities that pose a higher threat to water quality. In order to avoid such inaccuracies, the City will use the supplemental activity and pollutant information provided during the application process for a business license or make the best professional judgment to make the call to conduct an inspection to verify the classification. The SIC codes and business activities can also be reviewed using the Business Type code and the Industrial Type code. These codes were developed to further describe a business. These codes can be useful to verify SIC codes and to further characterize a business. The threat priority of a business, as well as the accuracy of its SIC code, can also be verified through mailers to business and also during inspections.

### **7.3.3 Updated BMP Requirements**

This section includes a list and description of minimum BMPs that will be implemented, or required to be implemented, for each stationary commercial site / source, including pollution prevention (Permit sections D.3.b.(2) and J.1.a.(1)(f)(ii)).

As required by the Permit, the City has designated a minimum set of BMPs for priority commercial sources as established by the California Stormwater Quality Association (CASQA); more information about these BMPs can be found at [www.cabmphandbooks.com/industrial.asp](http://www.cabmphandbooks.com/industrial.asp). As set forth in the City's Stormwater Ordinance, each priority commercial site/source is required to implement the designated minimum BMP for each priority commercial facility as part of the inventory (Appendix 7-E). BMPs can also be site specific and guidance can be found on selection and implementation in the City's Commercial Urban Runoff BMP Requirements Manual, (Appendix 7-F).

#### **7.3.3.1 Additional Controls for Stationary Commercial Sites / Sources**

This section describes any additional controls the City implement or require implementation of BMPs for stationary commercial sites / sources tributary to CWA section 303(d) impaired water body segments (where a stationary commercial site / source generates pollutants for which the water body segment is impaired), or for stationary commercial sites / sources within, adjacent to, or discharging directly to coastal lagoons or other receiving waters within the City's water quality sensitive areas (Permit section D.3.b.(2)(e)).

In some cases, the City may deem necessary the implementation of additional BMPs to address a stationary commercial site/source that has been identified as part of the priority commercial facility inventory based on inspection results or illegal discharge activities detected through complaints, hotline calls, or as part of the illicit discharge detection and elimination program described in JURMP Section 9.

In addition to the minimum BMPs listed in Appendices 7-E, the City may require a specific priority commercial site/source to implement additional controls to protect a CWA 303(d) impaired water body segment or other WQSA. Additional BMPs may include preparation of a SWPPP, spill prevention & response plan, and/or Treatment Control (structural) BMPs. Such measures will be implemented on a site-specific basis.

### 7.3.4 Program Implementation

This section describes the City's program for inspections of priority commercial businesses as well as enforcement action and tracking of inspections as required under part D.3.b.(3) and J.1.a.(1)(f)iii-xiii and x-xi) of the Permit.

#### 7.3.4.1 Education and Outreach

Education and outreach for priority stationary commercial facilities will be conducted by the City ~~at the time of annual inspection. The same process would be conducted~~ with any new priority commercial facilities. Business owners and property managers will be notified of Commercial BMP requirements through patrol inspection follow-up letters, known as Clean Water Reminders. City staff inform owners and operators of BMP deficiencies, potential impacts due to the deficiencies, and how the business or property can be brought into compliance. Education and outreach consist of on-site training of facility employees on an as-needed basis, as determined by inspection results and facility compliance. ~~In Del Mar, the types or categories of stationary commercial facilities are limited to food establishments (restaurants, coffee shops etc.) which constitute the majority of the commercial inventory, a couple of automotive services, and a few other miscellaneous businesses. Education for the commercial component will focus on obtaining or producing materials for food establishments, preferably with other jurisdictions, and conducting one-on-one training as needed. In Del Mar, this has been proven to be the most effective education method.~~

Additional details on the City's JURMP Education Component can be found in Section 10.

#### 7.3.4.2 Staff Training

City staff responsible for conducting facility stormwater inspections (i.e. code enforcement, Clean Water Program staff, etc.) is knowledgeable of all the requirements in the permit, inspection techniques, and BMP implementation strategies. Training will be determined as appropriate but may include attendance at meetings and conferences. Additional details on municipal staff training approaches can be found in the City's JURMP Education Component in Section 10.

#### 7.3.4.3 Inspection Frequency

Inspections of priority commercial businesses, as defined in Permit section D.3.b.(3)(b) and D.3.b.(3)(c), will be conducted as deemed necessary either by the Clean Water Program Manager. In the first year of the implementation of City's JURMP, a minimum of 50% of the updated priority commercial facility inventory shall be inspected. The following year and thereafter, 100% of the inventoried priority facilities must be inspected annually. In both cases, mobile businesses identified in the inventory are excluded from this schedule and are addressed in Section 7.4 below. Beginning in FY 2012, the City will inspect 100% of the inventoried commercial properties and business approximately monthly. In addition to the inventory of priority commercial sites and sources, the City may also conduct inspections of any

non-priority commercial sites or sources due to a reported complaint or observation of non-stormwater discharge, pollutant discharge potential, or violation of the City's Stormwater Ordinance. In such cases, the facility will be added to the inventory of priority commercial facilities and re-evaluated annually for its inclusion in the list.

Commercial businesses that demonstrate a higher frequency of violations or a greater threat to water quality may be subject to more frequent inspections by the Code Enforcement personnel or Clean Water Program staff to verify compliance and BMP implementation.

#### **7.3.4.4 Inspection Procedures**

A member of the Clean Water Program or Code Enforcement staff will conduct annual formal inspections of commercial facilities listed in the priority commercial inventory (Appendix 7-E) as discussed in previous sections. Refer to Appendix 7-G for complete inspection procedures.

Upon completion of the inspection, the inspector must update the inventory information based on the data collected and make referrals, as needed, to the City's Clean Water Program Manager or other departments and agencies.

#### **7.3.4.5 Referrals**

If hazardous materials require clean up, the inspector may choose to contact the fire department or other licensed personnel to conduct or assist with the clean up, if the responsible party cannot adequately or safely perform the clean up. Abatement requirements will be the responsibility of the responsible party or facility owner. Other County or State agencies may need to be contacted regarding hazardous materials or spills based upon the inspection findings.

If a discharge occurred, to the MS4 or the receiving waters, the inspector may choose to request that water quality testing be conducted by the industrial facility operator, or appropriate City personnel to determine the extent of the pollutant levels.

If a non-hazardous spill or discharge entered a public facility such as the MS4 or sanitary sewer, the appropriate City personnel should be contacted, starting with the Public Works Department, to assist with the abatement and clean up, and to track and prevent any potential downstream impacts.

Additional details on spill management and the City's program can be found in Sections 9.3 and 9.5 of this JURMP.

#### **7.3.4.6 Filing**

All actions relating to a business should be recorded in the City's patrolling inspection database, as appropriate. All photos and other documentation collected during the inspections must be included with the inspection form and backed up onto the Clean Water Program network. ~~priority commercial site/source electronic or hardcopy files, as appropriate. Hard copies of inspection forms, copies of violations, and other notes should be filed as back up.~~

### 7.3.4.7 Follow Up Inspections

Inspectors will conduct follow-up inspections within a reasonable timeframe to determine if corrective actions have been taken in accordance with the City's ordinances and minimum BMP requirements. Upon completion of any initial inspection, a summary of the findings of the inspection will be provided to the facility owner or manager through the use of the patrol letters specifying the required action item(s) and timeline for compliance. Follow-up inspections typically are conducted after a notice for compliance is made to verify the status of implementation. Escalating enforcement steps are implemented with some flexibility for the inspectors to establish appropriate compliance time frames on a case-by-case basis. In cases where the facility was deemed to be in compliance with Stormwater regulations, the compliance form or letter report will summarize the inspection findings.

### 7.3.4.8 Third Party Inspections

Due to the City's size, it is unlikely that the City of Del Mar would implement a third party commercial inspection program. In the event that such a program would be implemented, the following items of the Permit would be included as part of the program in order to achieve compliance:

Third party inspections can satisfy up to 30% of the inspection requirements in section D.3.b(3)(c) and D.3.b(3)(d) of the Permit; the City of Del Mar would fulfill the remaining required inspections. To the extent that third party inspections are conducted to fulfill the requirements of section D.3.b(3)(c), the City of Del Mar will be responsible for the inspection of an additional site for every three sites inspected by a third party. The additional inspections may be conducted by the City or a third party inspector. The third party inspection program would include the following:

- A description of facility types proposed to be inspected by third parties, including SIC codes;
- A third party inspector certification program;
- The inspection requirements described in section D.3.b.(3)(a);
- Inspection form templates for third party inspector use;
- Photo documentation of potential storm water violations identified during the third party inspection;
- An annual audit of random, representative sites that were inspected by a third party;
- An annual audit of random, representative third party inspectors;
- Reporting to the City of identified significant potential violations within 24 hours of the third party inspection;
- Reporting to the City of all inspection findings within one week of the third party inspection being conducted; and
- Follow-up and/or enforcement actions for identified potential storm water violations within 2 business days of the inspection or potential violation report receipt.

The number of the inventoried priority commercial sites/source inspections will be tracked and all historical inspection information will be kept with a file for each facility.

#### **7.3.4.9 Enforcement**

A site is considered non-compliant when one or more violations of local ordinances, permits, plans, or the Permit exist on the site.

If a violation and/or immediate threat to water quality are observed by the inspector, action should be taken to require the facility owner and/or operator to immediately cease the discharge. The threat to water quality shall be assessed by the inspector and a recommendation should be made to the City's Clean Water Program Manager in order to properly delegate and track enforcement.

The City is required to enforce its ordinances at all commercial sites. An enforcement action would typically occur as a result of an inspection or in response to public or municipal staff reporting of an illicit discharge or similar condition. The City employs several enforcement mechanisms and penalties to ensure the compliance with its ordinances. The levels of enforcement and associated penalties are typically issued at the discretion of the Clean Water Program Manager and/or Code Enforcement officer with consideration of relevant circumstances regarding the violation. The general process for applying enforcement to commercial sites for urban runoff-related violations is described below. A site is considered non-compliant when one or more violations of local ordinances, permits, plans, or the Permit are observed during an inspection.

For a complete description of administrative authorities and other legal enforcement actions, please refer to Section 2.2.2 of this JURMP.

The City Clean Water Program staff work in conjunction with City Code Enforcement staff to conduct Stormwater inspections. Enforcement actions resulting from violations can only be issued by City personnel that have received their P.O.S.T. certificate. In the City of Del Mar, this would typically be the Code Enforcement Officer.

#### **7.3.4.10 Owner/Operator Notifications**

All commercial businesses active in the City and identified in the commercial priority source inventory will be notified annually about stormwater BMP requirements during the annual inspection. The City may provide additional general notification of BMP requirements and City Stormwater ordinances with the businesses' required annual business license renewal. Other notification and education activities are listed in Section 10.

#### **7.3.5 Annual Reporting Requirements**

For the Commercial Component Annual Reporting requirements, refer to Section J.3.a.(3).(d) of the Permit. The Annual report is required to include the following information:

- i. Any updates to the industrial and commercial inventory.
- ii. Confirmation that the designated BMPs were implemented, or required to be implemented, for industrial and commercial sites/sources.
- iii. A description of efforts taken to notify owners/operators of industrial and commercial sites/sources of BMP requirements, including mobile businesses.
- iv. Identification of the total number of industrial and commercial sites/sources inventoried and the total number inspected.

- v. Justification and rationale for why the industrial and commercial sites/sources inspected were chosen for inspection.

### **7.3.6 Stationary Commercial Sites / Sources Effectiveness Assessment**

For the Commercial Component effectiveness assessment, like the others, refer to JURMP Section 13.0 which addresses the effectiveness assessment requirements listed in Permit sections I.1 and J.1.(3)(I).

### **7.3.7 Modifications**

For the Commercial Component modifications, refer to JURMP Section 14.0 which addresses the identification of the location in the JURMP of any changes made to the JURMP in order to meet the requirements of Order No. R9-2007-0001 listed in Permit sections I.1 and J.1.(3)(I).

## **7.4 Mobile Business Sources Element**

### **7.4.1 Background**

A preliminary priority commercial source inventory is also included for mobile businesses that have obtained a business license with the City in 2007 (see Appendix 7-H). The City will use its business license database to annually update the list of those priority mobile businesses that pose a high threat to water quality. The City will also collaborate with the copermittees in the development of a regional strategy to educate, inspect, and regulate mobile businesses.

### **7.4.2 Source Characterization**

This section provides a prioritized inventory of mobile sites / sources that have the potential to contribute pollutants to the MS4. At a minimum, this will include as applicable each of the mobile sites / sources listed in permit section D.3.b.(4)(a).

The criteria for identification of priority mobile commercial sources are the same as for the stationary commercial facilities discussed in Section 7.3.1 and listed in Section D.3.b.(1) of the Permit, as amended by the City of Del Mar based on local information and conditions. The City needs only to identify those mobile commercial businesses that qualify as priority sources under the following criteria in order to comply with this Section of the Permit:

- I. Any business of the following type/activity:
  - a. Automobile repair, maintenance, fueling, or cleaning
  - b. Airplane repair, maintenance, fueling, or cleaning
  - c. Boat repair, maintenance, fueling, or cleaning
  - d. Equipment repair, maintenance, fueling, or cleaning
  - e. Automobile and other vehicle body repair or painting
  - f. Mobile automobile or other vehicle washing
  - g. Retail or wholesale fueling
  - h. Pest control services
  - i. Eating or drinking establishments, including food markets
  - j. Mobile carpet, drape or furniture cleaning
  - k. Cement mixing or cutting
  - l. Masonry
  - m. Painting and Coating

- n. Landscaping
  - o. Nurseries and greenhouses
  - p. Pool and fountain cleaning
  - q. Portable sanitary services
  - r. Animal services
  - s. Power washing services
- II. Any mobile commercial source that the City determines may contribute a significant pollutant load to the MS4

For the purposes of the commercial facility prioritization process, all other mobile sources not included in the mobile commercial business inventory are designated as low priority by default and need not be identified (i.e. public notaries, accounting services, legal services, etc.).

### **7.4.3 Best Management Practice Requirements**

#### **7.4.3.1 Updated BMP Requirements**

This section includes a list and description of minimum BMPs that will be implemented, or required to be implemented, for each mobile source, including pollution prevention (Permit sections D.3.b.(2) and J.1.a.(1)(f)ii).

The City has designated a minimum set of source control BMPs for the preliminary list of priority mobile commercial sources. As set forth in the City's Stormwater Ordinance, each mobile commercial source is required to implement the designated BMPs. Refer to Appendix 7-H for of the required minimum BMPs associated with each specific priority commercial sources identified in the inventory. The City has identified this as a preliminary list of mobile sources and businesses and also preliminary BMPs. The on-going efforts by the copermittees to develop a methodology to identify additional mobile businesses and determine the minimum BMPs will be taken into consideration by the City of Del Mar to update the inventory and minimum BMPs. The City of Del Mar will require the same BMPs that are selected as minimum BMPs across San Diego County so that a consistent educational program is set in place and the highest level of compliance can be obtained.

#### **7.4.3.2 Additional Controls for Mobile Sources**

This section describes any additional controls the City will implement or require implementation of for mobile sources tributary to CWA section 303(d) impaired water body segments (where a mobile source generates pollutants for which the water body segment is impaired), or for mobile sources within, adjacent to, or discharging directly to coastal lagoons or other receiving waters within water quality sensitive areas (Permit section D.3.b.(2)(e)).

The preliminary minimum BMP requirements discussed in Section 7.4.3.1 for mobile sources have been selected to provide water quality protection and to be appropriate for the nature of mobile businesses. There is the potential for occasionally conducting business adjacent to or discharging directly to 303(d) impaired water body segments. In addition to the minimum BMPs listed in Appendix 7-H, the City may require a specific priority mobile commercial site/source to implement additional controls to protect a CWA 303(d) impaired water body segment or other water quality sensitive area. Additional BMPs may include preparation of a spill prevention and response plan and/or Treatment Control (structural) BMPs. Such measures will be implemented on a case-by-case business.

#### **7.4.4 Program Implementation**

This section will describe the steps that will be taken to require and verify the implementation of designated BMPs for mobile sources (Permit sections D.3.b.(4)-(6) and J.1.a.(1)(f)iii, and ix-xi). As noted above, the mobile business compliance strategies are evolving and being coordinated at a regional level, and the program implementation steps described below will be revised as appropriate. The City of Del Mar has a very aggressive enforcement program aimed at reducing non-stormwater discharges from mobile business, especially landscaping services and vehicle washing and detailing, and will continue to implement the program at a jurisdictional level.

##### **7.4.4.1 Education and Outreach**

All mobile commercial businesses with a current business license with the City and identified in the mobile business priority source inventory will be notified annually about stormwater BMP requirements during the annual inspection or with their business license renewal, as appropriate. The City may provide additional general notification of BMP requirements and City Stormwater ordinances with the businesses' required annual business license renewal.

##### **7.4.4.2 Inspection Frequency**

Inspection of mobile businesses will be impromptu due to the nature of this business type. An unannounced inspection can be conducted anytime when a Code Enforcement officer or Clean Water Program staff observes a mobile business conducting activities within the City. If inspection record keeping indicates that a listed mobile business on the priority inventory (Appendix 7-H) has not been inspected within the year, the City may contact the mobile business owner/operator to schedule a visit with them when conducting business within the City.

##### **7.4.4.3 Enforcement**

Enforcement measures for mobile businesses will be conducted in the same manner as specified for stationary commercial businesses, as described in Section 2.2.2.

##### **7.4.4.4 Referrals**

Referrals to other agencies or City departments will be handled in the same manner as specified for stationary commercial businesses, as described in Section 7.3.4.3. Additional referral mechanisms may be implemented as part of the mobile business regional program.

##### **7.4.4.5 Follow-Up Inspections**

Inspectors will conduct follow-up inspections within a reasonable time to determine if corrective actions have been taken in accordance with the City's ordinances and minimum BMP requirements. Due to the nature of this type of business, the inspector will have to coordinate the follow up inspection with the business owner/operator in order to know the businesses' scheduled presence and location in the City. A summary of the inspection will be sent to the mobile business owner/operator, specifying the required action item(s) and timeline for compliance. Escalating enforcement steps provide flexibility for the inspectors to establish appropriate compliance time frames on a case-by-case basis. In cases where the mobile business was deemed to be in compliance with Stormwater regulations, an inspection letter or form will summarize the inspection findings in a compliance letter.

#### **7.4.4.6 Third Party Inspections**

Third party inspections, if necessary, will be conducted per the Permit as discussed earlier in Section 7.3.4.6 of this JURMP. However, it is unlikely that third party inspections will apply to mobile businesses in the City of Del Mar. There may be some coordination with other copermitees to verify BMP implementation and compliance in their jurisdictions as comparable to a follow-up inspection.

#### **7.4.5 Mobile Sources Effectiveness Assessment**

For the Mobile Sources Component effectiveness assessment, like the others, refer to JURMP Section 13.0 which addresses the effectiveness assessment requirements listed in Permit sections I.1 and J.1.(3)(l).

#### **7.4.6 Annual Reporting Requirements**

Though not currently required by the regulations of mobile businesses, the City is encouraged to meet the Annual Reporting requirements. The Annual report is required to include the following information:

- i. Any updates to the mobile inventory.
- ii. Confirmation that the designated BMPs were implemented, or required to be implemented, for mobile businesses.
- iii. A description of efforts taken to notify owners/operators of mobile businesses of BMP requirements, including mobile businesses.
- iv. Identification of the total number of mobile businesses inventoried and the total number inspected.
- v. Justification and rationale for why the mobile businesses inspected were chosen for inspection.

#### **7.4.7 Mobile Businesses Effectiveness Assessment**

For the mobile businesses component effectiveness assessment, refer to JURMP Section 13.0 which addresses the effectiveness assessment requirements listed in Permit sections I.1 and J.1.(3)(l).

#### **7.4.8 Modifications**

For the mobile businesses Component modifications, refer to JURMP Section 14.0 which addresses the identification of the location in the JURMP of any changes made to the JURMP in order to meet the requirements of Order No. R9-2007-0001. listed in Permit sections I.1 and J.1.(3)(l).

## APPENDICES

- 7-A Industrial Inventory
- 7-B Standard Industrial Classification (SIC) Code Reference Table
- 7-C Industrial BMP Manual
- 7-D Industrial Facility Inspection Procedures
- 7-E Commercial Inventory
- 7-F Commercial BMP Manual
- 7-G Commercial Facilities Inspection Procedures
- 7-H Preliminary Mobile Business Inventory

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**Appendix 7-D**  
**Industrial Facility Inspection Procedures**

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## City of Del Mar Industrial facility patrolling inspection procedures

### Step 1: Initiation

An inspection is initiated as a result of one of the following:

~~As part of the annual schedule for priority industrial sites/sources~~

- A public or municipal staff reporting of illicit/non-stormwater discharges or related investigation
- As a follow up to a previous inspection, violation, or citation
- In response to a referral by an inspector of a different program or agency
- As part of the City's patrolling property-based inspections, approximately once per month

~~Patrolling inspections are a proactive way the City can enforce compliance with the Municipal Code, discover and abate trouble areas/hotspots, and better educate commercial and industrial business owners and property managers regarding the City's clean water requirements. The inspectors will conduct a complete inspection of the business through the patrolling inspections, focusing on outdoor areas and not making contact with the owners/operators of the site unless necessary to eliminate an illegal discharge. The inspectors will conduct a complete inspection of the business using the City Industrial Facility Inspection Long Form (see Appendix 7-D-1 at the end of this section) or by preparing an inspection letter with or without a photo report.~~ In cases of non-routine or follow-up inspections, the focus of the inspection should primarily be on any issue(s) that were identified during the initiation inspection.

### Step 2: Pre-Inspection Preparation

Before visiting a facility, the inspector should access the existing industrial inventory facility folder and print out or copy an inspection form and any relevant information for the site, such as previous inspection records. The inspector should review the sheet to determine the site's primary industrial activity, the proximity to CWA 303(d) listed water body segments, the minimum BMPs that it should be implementing, and other relevant information. Any new 303(d) listings shall be addressed with additional BMPs, as appropriate, to ensure that the site does not contribute to the impairment of its 303(d) receiving water. The inspector should also note incomplete portions of the facility's industrial profile so as to attempt to complete the information during the inspection.

### Step 3: The Site Visit

#### ***Approach to the Site***

Before entering the facility grounds, the inspector should make note of the following:

- Nearby conveyances or water bodies.
- Visible discharge points along perimeter of the site.
- Outdoor areas of intensive commercial activity.
- The condition of outdoor trash storage and used oil/grease storage areas, if applicable
- Signs of recent additions or remodels.

## **Inspection Focus**

Clean Water Program personnel initiate patrols to inspect businesses within the City for clean water violations. Inspections focus on outdoor areas and activities, including the following:

- Trash dumpsters and disposal area should be kept clean.
- Dumpster lids must be covered at all times when not in use.
- Grease bins must be covered and have secondary containment.
- Irrigation systems, landscaped areas must be properly maintained to prevent irrigation runoff.
- Buildup of leaves or sediment should be prevented
- BMPs on-site should be checked for proper maintenance and function.
- Discharges to City streets and storm drain system are strictly prohibited.

Inspectors note any deficiency per the City's Municipal Code during the patrol and photodocument the observations. Contact is not initiated with the business owner or property manager unless an active IC/ID is observed, in which case all attempts are made to abate the illegal discharge.

## **Step 4: Record Inspection Findings and Contact Responsible Parties**

At businesses and facilities where no issues are noted, inspectors continue onto the next property or business and no further action is taken. Deficiencies observed during the patrol are logged in the City's database and letters are generated for the industrial business. These letters inform the owners of the following:

- The deficiency observed at their site during the inspection;
- Photos of the deficiency;
- The date the deficiency was observed;
- The requirement that immediate action is necessary to bring the property or business into compliance;
- How the owner/operator can contact the City for assistance in bring about site compliance.

Only inspections where issues are observed are logged into the City's database. If a property is not included in the database during a particular patrol, no issue was observed during the patrolling inspection.

Follow-up should occur within one week to ensure site has been brought into compliance.

## **The Management Office**

After introductions, the inspector can obtain the following information from this initial contact with the facility operator:

- Update of information for the industrial inventory, including changes in ownership or operations
- Verification of SIC code and other facility descriptions
- Clarification of observations noted before entering the facility, (i.e. any changes in activities, materials, or physical structures)
- Other considerations, such as existing pollution prevention plans or an environmental

management system.

### ***Facility Walk-through with Management or Facility Supervisor***

- ~~A site map, if available, should be used to assess areas in which industrial activities and areas are exposed to precipitation, thereby increasing the risk of pollutants entering storm water. Attention should also be paid to run-on and runoff in these areas, as well as pollution prevention measures. From the walk-through, an inspector can assess the following:~~
- ~~Accuracy of site map, industrial activities, materials list, and any existing pollution prevention plan~~
- ~~Confirmation of additions or changes observed while approaching the facility~~
- ~~Evidence of illegal discharges (i.e. on-going leaks or recent spills or connections not authorized under an NPDES permit~~
- ~~Effectiveness of BMP implementation for each area or activity~~
- ~~Any new receiving water 303(d) listings which require additional BMPs, as appropriate, to ensure that the site does not contribute to the impairment of the receiving water.~~

### ***The Inspection Form***

- ~~During or at the conclusion of the inspection the inspector should complete the inspection form while on-site or prepare the necessary notes to complete a letter report to be sent at a later date. If the form is used, a signature on the form should be obtained by the responsible person, or designated responsible person, at the business.~~

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**Appendix 7-G**  
**Commercial Facility Inspection Procedures**

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## City of Del Mar

### ~~Priority stationary~~Stationary commercial facility patrolling inspection procedures

#### Step 1: Initiation

An inspection is initiated as a result of one of the following:

- ~~• As part of the annual schedule for priority commercial sites/sources per Permit requirements~~
- A public or municipal staff reporting of illicit/non-stormwater discharges or related investigation
- As a follow up to a previous inspection, violation, or citation
- In response to a referral by an inspector of a different program or agency
- As part of the City's patrolling property-based inspections, approximately once per month

Patrolling inspections are a proactive way the City can enforce compliance with the Municipal Code, discover and abate trouble areas/hotspots, and better educate commercial and industrial business owners and property managers regarding the City's clean water requirements. The inspectors will conduct a complete inspection of the business through the patrolling inspections, focusing on outdoor areas and not making contact with the owners/operators of the site unless necessary to eliminate an illegal discharge. The inspectors will conduct a complete inspection of the business using the City Commercial Facility Inspection Form (see Attachment 7-G-1) or a comparable form or letter report. In cases of non-routine inspections, the focus of the inspection should be on any issue(s) that were identified during the activity that caused for the initiation of the inspection.

#### Step 2: Pre-Inspection Preparation

Before visiting a facility, the inspector should access the existing commercial inventory facility folder and print out or copy an inspection form and any relevant information for the site, such as previous inspection records. The inspector should review the sheet to determine the site's primary commercial activity, the proximity to CWA 303(d) listed water body segments, the minimum BMPs that it should be implementing, and other relevant information. Any new 303(d) listings shall be addressed with additional BMPs, as appropriate, to ensure that the site does not contribute to the impairment of its 303(d) receiving water.

#### Step 3: The Site Visit

##### ***Approach to the Site***

Before entering the facility grounds, the inspector should make note of the following:

- Nearby conveyances or water bodies.
- Visible discharge points along perimeter of the site.
- Outdoor areas of intensive commercial activity.
- The condition of outdoor trash storage and used oil/grease storage areas, if applicable
- Signs of recent additions or remodels.

## **Inspection Focus**

Clean Water Program personnel initiate patrols to inspect businesses within the City for clean water violations. Inspections focus on outdoor areas and activities, including the following:

- Trash dumpsters and disposal area should be kept clean.
- Dumpster lids must be covered at all times when not in use.
- Grease bins must be covered and have secondary containment.
- Irrigation systems, landscaped areas must be properly maintained to prevent irrigation runoff.
- Buildup of leaves or sediment should be prevented
- BMPs on-site should be checked for proper maintenance and function.
- Discharges to City streets and storm drain system are strictly prohibited.

Inspectors note any deficiency per the City's Municipal Code during the patrol and photodocument the observations. Contact is not initiated with the business owner or property manager unless an active IC/ID is observed, in which case all attempts are made to abate the illegal discharge.

## **Step 4: Record Inspection Findings and Contact Responsible Parties**

At businesses and facilities where no issues are noted, inspectors continue onto the next property or business and no further action is taken. Deficiencies observed during the patrol are logged in the City's database and letters are generated for the commercial business. These letters inform the owners of the following:

- The deficiency observed at their site during the inspection;
- Photos of the deficiency;
- The date the deficiency was observed;
- The requirement that immediate action is necessary to bring the property or business into compliance;
- How the owner/operator can contact the City for assistance in bring about site compliance.

Only inspections where issues are observed are logged into the City's database. If a property is not included in the database during a particular patrol, no issue was observed during the patrolling inspection.

Follow-up should occur within one week to ensure site has been brought into compliance.

## **The Management Office**

After introductions, the inspector can obtain the following information from this initial contact with the facility operator:

- Update of information for the industrial inventory, including changes in ownership or operations
- Verification of SIC code and other facility descriptions
- Clarification of observations noted before entering the facility, (i.e. any changes in activities, materials, or physical structures)
- Other considerations, such as existing pollution prevention plans or an environmental

management system.

### ***Facility Walk-through with Management or Facility Supervisor***

A site map, if available, should be used to access areas in which industrial activities and areas are exposed to precipitation, thereby increasing the risk of pollutants entering storm water. Attention should also be paid to run-on and runoff in these areas, as well as pollution prevention measures. From the walk-through, an inspector can assess the following:

- Accuracy of site map, industrial activities, materials list, and any existing pollution prevention plan
- Confirmation of additions or changes observed while approaching the facility
- Evidence of illegal discharges (i.e. on-going leaks or recent spills or connections not authorized under an NPDES permit)
- Effectiveness of BMP implementation for each area or activity
- Any new receiving water 303(d) listings which require additional BMPs, as appropriate, to ensure that the site does not contribute to the impairment of its 303(d) receiving water.

### ***The Inspection Form***

Once the inspection is completed the inspector should complete the inspection form while on-site (see Attachment 7-G-1) or prepare the necessary notes to complete a letter report to be sent at a later date. In all cases, the inspector should collect the necessary information to revise the inventory, as necessary. A signature on the form should be obtained by the responsible person, or designated responsible person, at the business.

# Section 9

## Illicit Discharge Detection and Elimination Component

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The City of Del Mar will implement the following Illicit Discharge Detection and Elimination program which meets the requirements of sections D.4.a and J.1(h) of the Permit to actively seek and eliminate illicit discharges.

### 9.1 Introduction

The City's program to actively seek and eliminate illicit discharges to the MS4 is comprised of several programs participated in and implemented by the City. In general, illicit discharges to the MS4 are any discharges not composed entirely of storm water (for example: storm water containing pollutant or non-stormwater discharges) unless they are authorized under an NPDES Permit or specifically permitted by the City (see Section 3, Non-Stormwater Discharges). For the most part, the programs that the City implements to detect and eliminate illicit discharges are part of the City's JURMP. Programs such as those that relate to the inspection and enforcement of municipal, industrial, commercial, residential, and construction activities all contribute to the identification of illicit discharges and their elimination. These programs are crucial components of an illicit discharge detection and elimination program because they are focused on the sources of illicit discharges. Often, when an illicit discharge is detected during one of these programs, it can be eliminated before it affects receiving water.

In a comprehensive approach to the problem of illicit discharges, the City also participates in and conducts programs to detect illicit discharge within the MS4 and at the receiving waters. The City participates in a regional receiving water monitoring program required by the Permit and detailed in the Copermittees' San Diego Region Receiving Waters Monitoring Program. The City will also participate in the MS4 Outfall Monitoring and Source Identification Monitoring programs implemented at the regional level and conduct a Dry Weather Monitoring program. Each of these programs is focused on the identification of non-storm water illicit discharges.

Also extremely important to the detection of illicit discharges are the municipal staff and public reporting hotlines. The programs are directly supported by a very informed and engaged public and city staff familiar with urban runoff discharges and they serve as the best source for the timely detection of illicit discharges.

Monitoring programs, inspections, public reporting and city staff reporting are good detectors of illicit discharges. However in some cases the sources of the discharges are not evident and, therefore, elimination can be difficult. The City implements investigational source identification procedures in conjunction with the monitoring and notification programs in order to track down the sources and eliminate the discharge.

In almost all cases of illicit discharges, elimination of the discharge requires some level of enforcement and/or abatement action. Specifications in the Del Mar Municipal Code grant the City the powers to enforce its regulations pertaining to illicit discharges. In addition, the Municipal Code provides the City the ability to require a responsible party to conduct abatement activities required to eliminate an illicit discharge or for the City to conduct those activities itself and recover the cost from the responsible party.

Of the greatest importance to the long-term elimination of illicit discharges in the City are those programs that it employs to prevent and avoid illicit discharges. City regulations and supporting

outreach materials prepared by the City prohibit illicit discharges and provide guidance to residences and businesses to avoid illicit discharge. Maintaining up-to-date measures to comply with the City's regulations and educating those that are regulated by the City will lead to compliance and reduce illicit discharges. The land development and redevelopment project planning and review program conducted by the City is another proactive program that the City implements to prevent and avoid illicit discharges. The program informs applicants of regulations and helps prevent illicit discharges in new projects through review and inspection during the planning and construction phases, respectively.

The programs conducted by the City as part of its illicit discharge detection and elimination effort are described in various sections within this document. The following sections discuss some of those programs that are not described within the other sections of this document.

## **9.2 Public Reporting of Illicit Discharges and Connections**

As required by section D.4.h and J.1(h)ix of the Permit, the City will promote, publicize and facilitate the reporting of illicit dischargers or water quality impacts associated with discharges into or from MS4.

The City of Del Mar relies on the regional hotline, the local City departmental phone numbers, and the City's main number to receive storm water complaints from the public. The regional hotline is answered during business hours by County staff. Bilingual staff is available to handle calls by Spanish speakers. Callers with emergencies are notified to call other appropriate numbers such as those for the police and fire dispatcher, or the call is forwarded. Any calls to the County hotline for incidences in the City of Del Mar are forwarded to Del Mar Clean Water Program staff. Appendix 9-A is a Public Hotline Tracking Form and Mobilization Guide that will be used when calls are referred to and followed up by City staff.

Locally, Del Mar residents are encouraged to contact the City's main line to file complaints including storm water or illicit discharges. All City receptionists, including the receptionist for the City's main line, are trained to answer and forward illicit discharge or water quality related calls to the appropriate staff member using the Hotline Tracking Form and Mobilization Guide. Calls may also be received by other City departments including Public Works or Community Services.

The regional public hotline and local City department phone numbers are publicized in various periodicals, on various web sites (including City of Del Mar and County of San Diego websites), and at local community events and meetings where literature is distributed. Most urban runoff related handouts and educational materials include the hotline number. In addition, public education stresses the importance of reporting and describes the critical role that the public plays in the identification and elimination of urban runoff pollution related problems.

The number of reported hot line calls and a summary will be provided in the City's JURMP Annual Report as described in Section 9.6.

## **9.3 Spill Reporting, Response, and Prevention**

As required by sections D.4.g and J.1(h)vii. of the Permit, the City of Del Mar will prevent, respond to, contain and clean up sewage and other spills that may discharge into its MS4 from any source. The following section describes the City's approach to spill prevention, notification

and response. Additional details regarding spill prevention and response can be found in Chapter 6, Municipal Component of the JURMP.

### **9.3.1 Spill Prevention**

#### **9.3.1.1 City Sanitary Sewers**

The City's preventive and corrective sewer maintenance programs are conducted in accordance with the City's Sanitary Sewer Overflow Prevention Plan and consist of a variety of activities for the effective operation, maintenance, repair and replacement of sewer mains, manholes and pump stations. The plan provides for the routine monitoring, inspection, cleaning and related maintenance of the sanitary sewer collection system in order to reduce the potential of sanitary sewer overflows (SSO's) and other structural failures. Potential problems are noted and maintenance schedules adjusted accordingly. If necessary, repairs are initiated by City Public Works maintenance crews. Larger, more complex projects are referred for inclusion in the Capital Improvement Project process for planning, design and construction.

When system malfunctions do occur, such as SSO's, main stoppages, electrical outages, and mechanical breakdowns, the cause of the problem is investigated and analyzed to prevent its reoccurrence. Maintenance schedules are then adjusted as necessary. If appropriate, the infrastructure component is referred for repair or replacement by maintenance crews. As an additional educational measure, when a main stoppage occurs, the Public Works Department mails out a bright yellow postcard to all residents served by the sewer main. The yellow postcard explains the sanitary sewer problems that can occur from pouring grease into the sanitary sewer. This and other similar educational efforts will continue in the future.

A revised sewer main cleaning strategy was implemented several years ago, but more importantly, cleaning schedules are analyzed and adjusted for proper maintenance and operation of the system. However, based on the cause of the blockage different preventive measures are undertaken, for example, in 2006 the City implemented City root herbicide program to treat invasive roots in the sanitary sewer system and reduce the risk of overflows and stoppages. This type of measure and others may be used in the future to address specific problems in a timely manner.

#### **9.3.1.2 Private Sewer Laterals and Septic Systems**

The City requires that private sewer laterals and septic systems be designed and operate in accordance to industry standards. The City also requires the proper maintenance of these facilities in order to avoid spills, breakages, and failures. Refer to Section 8, Residential (Existing Development) Component, for other BMPs related to private laterals and septic systems.

The City responds to all sewer spills to assess the risk to human health and the environment, and requires private sewer lateral and septic system failures and spills to be contained and cleaned by the responsible party. Private lateral spills and septic system failures that discharge into the City's MS4 are logged and reported by the City. In the event that a private sewer lateral spill or septic system failure poses a risk or the discharge has entered the MS4 or the receiving waters, the City will initiate containment and clean-up procedures to minimize the impact.

### **9.3.1.3 Other Spills**

The City prevents other spills containing or suspected to contain pollutants through the implementation of BMPs, secondary containment, and other mechanisms to prevent and avoid discharges to the receiving waters (through the MS4 or directly). Spills from private businesses and residents are reduced through required BMPs, education, and enforcement of relevant regulations for the storage and usage of hazardous materials. Other non-hazardous spills are investigated and enforcement action led by the Clean Water Program and Code Enforcement. Hazardous waste or materials spills are referred to Fire Department and/or the County's Hazardous Materials Response team.

### **9.3.2 Spill Notification**

The City operates a notification hotline under its Public Works Department to receive notification of spills during business hours. After hours and on weekends, these calls are answered through the Del Mar Fire Dispatch. Sanitary sewer spills are immediately reported to the San Diego County Department of Environmental Health by Public Works staff.

### **9.3.3 Spill Response**

Responses to sewer spills are conducted in accordance to the City's Sanitary Sewer Overflow Response Plan. The City has on-call Public Works duty personnel 24 hours a day, 7 days a week that respond upon notification through the dispatcher. The Public Works Director, Maintenance Supervisor and back up are notified immediately when a spill occurs. Implementation of the spill response plan will prevent entry of spills into the MS4 and contamination of receiving waters to the maximum extent practicable. If a sewage spill is discharging or has the potential to discharge into the City's MS4 from any source (including private laterals or failing septic tanks) Public Works staff immediately takes action to contain and clean up the spill. The Public Works Department SSO response plan and reporting procedures are summarized in a "quick reference" guide as shown in Appendix 9-B.

Responses to other spills are conducted by the Fire Department or qualified personnel in the Public Works Department, as appropriate to the situation.

## **9.4 Urban Runoff Monitoring**

### **9.4.1 MS4 Outfall Monitoring**

In accordance with Permit Sections D.4.c and J.1.(h)iii, and Section B.1 of Receiving Waters Monitoring and Reporting Program No. R9-2007-0001, the Copermitttees jointly developed a monitoring program to characterize pollutant discharges from MS4 outfalls in each watershed during wet and dry weather. The program includes a rationale and criteria for selection of outfalls to be monitored. The program also includes collection of samples for those pollutants causing or contributing to violations of water quality standards within the watershed. This monitoring program will be implemented within each watershed and will begin within the 2007-2008 monitoring year.

The monitoring design is based on a combination of both random and targeted sampling of MS4 outfalls that drain into receiving waters. Random sampling will be conducted to assess

countywide conditions of MS4 outfall water quality. Targeted sampling will be conducted to assess the relative contribution of particular MS4 outfalls. The targeted approach focuses monitoring efforts on those MS4 outfalls that are most likely to contribute to receiving water problems. Both random and targeted sampling will be implemented during wet and dry weather periods.

A detailed description of the MS4 Outfall Monitoring program that will be implemented by the Copermittees will be included when completed in July 2008 and placed in Appendix 9-C.

#### **9.4.2 Source Identification Monitoring**

In accordance with Permit sections D.4.c and J.1.(h)iii, and Section B.2 of Receiving Waters Monitoring and Reporting Program No. R9-2007-0001, the Copermittees developed a monitoring program designed to identify sources of discharges of pollutants causing the priority water quality problems within each watershed. The monitoring program includes focused monitoring which moves upstream into each watershed as necessary to identify sources. The monitoring program uses source inventories and "Threat to Water Quality" analysis to guide monitoring efforts. This program will be implemented within each watershed and will begin no later than the 2008-2009 monitoring year.

The monitoring design is based on a combination of both specific activity sampling and targeted sampling of flows within MS4 conveyances. If adequate information already exists on pollutant sources within an MS4 drainage, sampling will focus on those sources or specific activities. However, if water quality problems are identified by other monitoring programs and insufficient information exists that indicate the specific sources of the problem; sampling will be conducted at these targeted locations.

A detailed description of the Source Identification Monitoring program that will be implemented by the Copermittees in July 2008 will be included in Appendix 9-D.

#### **9.4.3 Dry Weather Field Screening and Analytical Monitoring**

This section incorporates and describes the City's Dry Weather Field Screening and Analytical Monitoring Program to be conducted in accordance with the requirements of Permit sections D.4 and J.1.(3)(h)iii, and Section B.3 of Receiving Waters Monitoring and Reporting Program No. R9-2007-0001. At a minimum, the updated program includes the following:

- Selection of dry weather field screening and analytical monitoring stations
- A complete, updated MS4 map (including locations of the MS4, dry weather field screening and analytical monitoring sites, and watersheds; Permit sections D.4.b and J.1.(3)(h)ii)
- Dry weather field screening and analytical monitoring procedures

In accordance with the requirements of Permit sections D.4 and J.1.(3)(h)iii, and Section B.3 of Receiving Waters Monitoring and Reporting Program No. R9-2007-0001, the City has updated its Dry Weather Field Screening and Analytical Monitoring Program. Dry weather monitoring program consists of (1) field observations; (2) field screening monitoring; and (3) analytical monitoring at selected stations. The program is designed to detect and eliminate illicit connections and illegal discharges to the MS4 using frequent, geographically widespread dry weather discharge monitoring and follow-up investigations.

The Dry Weather Field Screening and Analytical Laboratory Monitoring program consists of annual and other routine inspections of the City's MS4 at established dry weather monitoring stations. Annual inspections consist of visual observations at each station, field screening for a specific set of analytes at stations which have flowing or ponded water, and collecting water samples at 25 percent of the sites which have flowing or ponded water. Water samples are sent to a laboratory for analysis of an additional set of analytes. If any field screening or laboratory analysis result exceeds predetermined action levels follow-up testing will be conducted at that station within two business days. If follow-up sampling confirms the exceedance or if investigating personnel observes suspicious flow during the initial or follow-up site visit, Clean Water Program staff will conduct a source investigation.

The Dry Weather Monitoring Program is described in more detail in Appendix 9-E. The Appendix includes a list of the specific analytes which will be monitored and their respective action levels. The updated program will be implemented beginning May 1, 2008.

#### 9.4.4 Coastal Storm Drain Monitoring

The Coastal Storm Drain Monitoring (CSDM) Program is designed and implemented as part of the Receiving Waters Monitoring Program, described in section II.A.6. of the Receiving Waters Monitoring and Reporting Program No. R9-2007-0001. Although this program is a component of the Receiving Water Monitoring Program, the results and frequent inspection of coastal storm drain outlets allow Clean Water Program staff frequent opportunity to inspect and observe a large portion of the City's MS4. The majority of the City's MS4 system drains directly to the Pacific Ocean. Therefore visiting and sampling all of the City's coastal storm drains on a monthly basis provides the City with frequent opportunity to detect illicit discharges. Any discharges suspected of containing harmful levels pollutants when observed during coastal monitoring will be investigated using the source investigation and follow-up procedures described in Section 9.5 of this JURMP.

The CSDM program consists of monthly inspections ~~of all the of~~ selected coastal storm drains outfalls which discharge into the Pacific Ocean. Of the seven (7) coastal outfalls discharging directly to the Pacific Ocean, four (4) are monitored on a monthly basis. Three (3) outfalls are monitored on a bimonthly basis per the Municipal Permit's Sampling Frequency Reduction (SFRC) criteria, which allows for outfalls meeting strict indicator bacteria criteria to be monitored every other month. As of September 2012, this qualifies three outfalls under the SFRC criteria. Per the Permit, all outfalls will be reevaluated at the end of the CSDM program year for eligibility to participate under the SFRC. If samples from any of the three outfalls or receiving waters at the outfalls exceed the SFRC during routine monitoring, the outfall will return to being monitored on a monthly basis. Visual observations are documented during each site visit. If water is flowing from the storm drain at the time of inspection the investigator will collect paired storm drain and receiving water samples for laboratory analysis for the following bacteria analytes: Total Coliform, Fecal Coliform, and Enterococcus. Re-sampling is implemented at a site if both storm drain and receiving water samples exceed AB 411 or basin plan standards for any bacterial indicator or if the storm drain exceeds the 95th percentile observations of the previous year's data for any bacterial indicator.

If re-sampling exhibits continued exceedances of AB411 or Basin Plan standards in either the storm drain or receiving water, investigations of sources of bacterial contamination commence within one business day of receipt of analytical results. Investigations of source of bacterial contamination occur immediately if evidence of abnormally high flows, sewage releases, restaurant discharges, or similar evidence is observed.

The Coastal Monitoring Program is a regional program cooperatively implemented by all Copermittees that have storm drains which discharge into coastal waters. The CSDM program is described in detail in the Receiving Waters and Urban Runoff Monitoring document.

## **9.5 Follow-up and Enforcement**

This section provides a description of the City's follow-up investigation and inspection procedures for dry weather monitoring results above the established regional action levels or other information which indicate potential for illicit discharges, illicit connections or other sources of non-storm water (Permit sections D.4.d and J.1(h)iv). This section also includes procedures for eliminating detected illicit discharges and connections, a description of enforcement mechanisms and how they are implemented (Permit sections D.4.d-f and J.1(h)v-vi).

### **9.5.1 Source Investigation**

The City conducts source investigations when an illicit discharge is detected or suspected and the source of the illicit discharge is not readily identifiable. The purpose of source investigations is to locate the source of an illicit discharge so that all necessary measures to eliminate it can be implemented.

#### **9.5.1.1 Initiation**

Source investigations are initiated when appropriate information suggests a reasonable potential for the presence of an illicit discharge. Such instances may include the following:

- A public citizen or City staff reports the observation of a possible illicit discharge.
- Results from one of the Receiving Waters Monitoring programs indicate the possibility of an illicit discharge.
- Dry weather monitoring identifies pollutant levels that exceed the action level.
- Professional judgment by monitoring personnel determines that there is a reasonable potential for an illicit discharge to exist due to visual observations or measurements.

In accordance with section D.4.d.(2) of the Permit, if dry weather field screening or laboratory analytical results meet or exceed action criteria, the City will initiate source investigation within two business days of receipt of the monitoring results or provide a rationale for why the discharge does not pose a threat to water quality and does not need further investigation.

In some cases, just the existence of flows in a portion of the MS4 or the noticeable increase in dry weather flows at a certain location may trigger a source investigation. The City's monitoring personnel will use their judgment and experience in making such a decision based on site specific observations. Visually obvious illicit discharges (i.e. color, odor, or significant exceedances of field screening action levels) will be investigated immediately.

#### **9.5.1.2 Source Investigation Procedures**

The Dry Weather Monitoring personnel will typically conduct source investigations. In some cases a Code Enforcement officer or other City personnel may conduct a source investigation. When conducting a source investigation, the staff member should be equipped with the set of

equipment listed in the Dry Weather Monitoring Program Field Manual that is included as part of the Dry Weather Monitoring Program (Appendix 9-E).

**Step 1 – Location of Observation:** Source investigations begin at the location where the observations were made which initiated the investigation. If someone made the observations other than the person or persons conducting the investigation (the investigators) or if the observations were made more than several hours prior to the initiation of the source investigation, the source investigation should begin with a thorough visual inspection of the location. If flows exist, samples should be collected for field screening and laboratory analysis as deemed appropriate by the investigators. If the illicit discharge is still occurring and it poses a substantial threat to human health or the environment actions should be taken immediately by the City to prevent or minimize the discharge from entering the receiving waters.

**Step 2 – Source Tracking Determination:** While at the observation location, the investigator should consult various resources such as MS4, drainage basin, and land use maps to determine the characteristics of the tributary areas and upstream sources. In some instances, the investigator may be able to identify probable sources of the illicit discharge based on the expected activities of upstream sites or the results of previous investigations. If this is the case, the investigator may choose to go directly to these potential sources to investigate if they are the source of the illicit discharge.

If visits to potential sources do not reveal the cause of the illicit discharge, if potential sources are too numerous, or if potential sources cannot be identified while at the observation location, the investigator should track the discharge upstream through the MS4.

If the discharge has ceased it may be impossible to track the source. In these circumstances, the investigator should document that the discharge has ceased and cannot be tracked. A brief drive- or walk-through survey of the tributary area should be conducted and documented to verify that there is no obvious source. In some cases, although a discharge has ceased, the sources may still be identified by evidence of a discharge (wet pavement, discoloration, etc.) at the site or further upstream. For example, if a sediment laden discharge was reported, an upstream site may reveal signs of sediment discharge such as deposits along curbs or in inlets, signs of eroded slopes, or exposed soils lacking required BMPs.

**Step 3 – Source Tracking:** If source tracking is determined appropriate, the investigator should use MS4 maps, drainage basin maps and other resources to aid in the tracking. Any traceable characteristic of the illicit discharge (color, constituents, odor, quantity, etc.) should also be noted, as these will aid the investigator in making decisions during tracking and identifying sources. The City's strategy for source tracking is not necessarily to immediately find the discharge directly to its source, but instead, to follow the discharge upstream, thereby reducing the tributary area and potential sources. Once the set of possible sources has been reduced to a manageable set, the investigator may choose to end the source tracking and to continue the investigation by inspecting the various potential sources. However, if none of these can be identified as the source of the discharge, or if the investigator cannot identify any potential sources, tracking may be required to be conducted all the way up the drainage area.

In order to conduct source tracking, the investigator should work his or her way upstream along the main portion of the MS4, ruling out potential tributaries and narrowing the potential source area. When tributary pipes or inlets are encountered while working upstream along the MS4, the investigator should evaluate each for their potential to be the conveyor of the discharge. If the tributary pipe or inlet is dry and the discharge is still occurring along the mainline, it can

automatically be eliminated as the source. If the pipe or inlet is the source of the flow in the main portion of the MS4, then the tracking should continue along that pipe or inlet. If the main portion of the MS4 and the tributary pipe or inlet both contain flow, more detailed observations must be made.

The investigator may be able to rule out one of the conveyances based on simple visual observations and the characteristics of the illicit discharge. Field screening sampling of the flows from the two conveyances may also be appropriate depending on the constituents in the illicit discharge.

Tracking along underground MS4 conveyances is more difficult because observations can only be made at the locations of manholes, outlets, and inlets. The MS4 map will prove the most useful for these investigations, although the underground portions of the MS4 in Del Mar is very limited. Tracking upstream along an underground conveyance usually consists of periodic observations at manholes and other access locations along the MS4. If the map indicates the confluence of two MS4 conveyances, or if an unmapped confluence is suspected, if possible, the investigator should make observations at the point of confluence. Otherwise, the investigator should make observations at the nearest access point upstream along each conveyance. When tracking along underground conveyances, the investigator should be aware that illicit connection or unmapped confluences may exist between observation points that could be the source of the discharge. The investigator should check surrounding inlets if such an instance is suspected.

If the source cannot be located and an illicit connection is suspected, the investigator should check the surrounding area and consult appropriate City personnel or City records for evidence of infrastructure construction or other activities that might have involved the installation of an illicit connection.

In the case of chronic illicit discharges for which a source cannot be identified, the City may choose to conduct dye testing, smoke testing, video monitoring, and/or underground visual inspections using closed circuit televising techniques.

Once the source of a discharge has been identified, if the discharge is still occurring, it must be eliminated. Section 9.5.2 of this JURMP describes the discharge elimination process.

**Step 4 – Damage Assessment:** After the discharge has been terminated, the investigator or Code Enforcement personnel should travel downstream from the discharge to assess the impacts that the discharge caused to downstream resources. Additional remediation may be required of the responsible party if downstream impacts are detected. Monitoring may also be necessary to ensure recovery of downstream areas. Clean Water Program personnel or Code Enforcement may also want to consider the level of downstream impact caused by the illicit discharge, prior to deciding on which level of enforcement action is appropriate for the case.

**Step 5 – Reporting and documentation:** Thorough documentation of a source investigation will be conducted by the investigator. Documentation may include photographs, detailed notes on observations, discussions on decisions made, and other information relevant to the investigation. This information could be useful to future investigations, and possible future resolution of illicit discharges for which sources were unidentified. It is also important because this information supports any enforcement actions. Appendix 9-F is a Source Investigation Record Form which may aid in documenting the investigation. City staff will either use this form or an equivalent method when documenting a source investigation. All documentation and other information relevant to source investigations should be made available to Code

Enforcement once the source is identified, if a citation or other enforcement action is to be considered.

Notifications to the RWQCB shall be in accordance with Permit requirements in Attachment B, Section 5.e.(1) through (3) as quoted below:

*“Twenty-four hour reporting [40 CFR Section 122.41(l)(6)]*

(1) The Copermittee shall report any noncompliance that may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the Copermittee becomes aware of the circumstances. A written submission shall also be provided within five (5) days of the time the Copermittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

(2) The following shall be included as information, which must be reported within 24 hours under this paragraph:

- i) Any unanticipated bypass that exceeds any effluent limitation in the Order (See 40 CFR 122.41(g)).
- ii) Any upset which exceeds any effluent limitation in this Order.

(3) The Regional Board may waive the above-required written report under this provision on a case-by-case basis if the oral report has been received within 24 hours.”

## **9.5.2 Discharge Elimination**

As required by section D.4.e. of the Permit, depending on the type of illicit discharge detected, the City will eliminate the discharge as soon as possible after detection by means of various procedures. As described in detail below, elimination measures will include an escalating series of enforcement actions for those illicit discharges that are not a serious threat to public health or the environment. Illicit discharges that pose a serious threat to public health or the environment will be eliminated immediately.

If the owner or manager of the property where the discharge originates is present at the time of investigation or inspection, the investigator will make their best effort to get the owner or manager to immediately terminate the discharge. The actions required of the responsible party to eliminate the illicit discharge will vary depending on type of illicit discharge. Clean up or remediation actions may also be required of the responsible party.

If the owner or manager is unwilling to cooperate, the investigator should immediately contact Code Enforcement personnel who will issue a citation to the discharger and an order to make the necessary alterations to terminate and clean up the discharge. Depending on the egregiousness of the discharge, the investigator may opt to have the Code Enforcement officer issue a citation even if the responsible party cooperates and terminates the discharge.

Regardless of whether or not a citation is issued, detection of an illicit discharge or illegal connection will be formally followed up with a Notice of Violation. A Notice of Violation is a form

or letter that is used in the case of a violation of the City's Municipal Code. The City may also opt to issue a citation at the time the Notice of Violation is issued. By issuing these notices, the City requires the person responsible for the illicit discharge to conduct activities necessary to eliminate the illicit discharge at his or her own expense and prevent any further discharges from occurring in the future. The activities necessary for elimination and prevention will be described in the Notice. A deadline for correcting the infraction with the required activities will also be provided in the Notice.

A follow-up inspection may be conducted by City staff to ensure that abatement activities were successfully and adequately implemented. Follow-up investigations will be conducted by the City, if the City issued an order for a responsible party to cease and/or clean-up the discharge. In addition, if the source or activity causing the discharge is identified as possessing high potential for the occurrence of illicit discharges, periodic follow-up visits will be conducted to ensure that future discharges do not take place.

If the discharge poses a serious threat to public health or the environment, or the City determines that the individual responsible for the illicit discharge is incapable of performing such activities by the compliance date, or if the individual chooses not to perform the activities, the City may conduct the necessary activities and recover the resulting costs from the individual.

Illicit discharges that are the City's responsibility will be immediately eliminated by contacting the appropriate supervisor who oversees the activities that are causing in discharge. Action and communications will be documented through internal memorandums, emails, and work orders. Additional information regarding municipal facility storm water or urban runoff discharges can be found in Chapter 6 of this JURMP.

### **9.5.3 Enforce Ordinances**

As required by section D.4.f. of the permit, the City will employ several enforcement mechanisms and penalties to ensure the compliance with its ordinances. The levels of enforcement and associated penalties are typically issued at the discretion of the Clean Water Program Manager and/or the Code Enforcement officer with consideration of relevant circumstances regarding the violation. The general process for applying enforcement to illicit discharge related violations is the same as that described in Section 2.2.2.1 of the JURMP.

## **9.6 Annual Reporting Requirements**

The JURMP annual reports prepared by Del Mar for subsequent inclusion in the unified JURMP Annual Report will comply with the standard reporting requirements outlined Section J.3.a(3)(f) of the Permit. The City will be preparing a Dry Weather Field Screening and Analytical Monitoring Report that will address all the requirements pertaining to that program (as detailed in Appendix 9-E ). The Illicit Discharge Detection and Elimination component includes additional reporting requirements. A summary of the reporting requirements for this component are provided below.

### **9.6.1 Dry Weather Monitoring and IDDE**

- Correction of any inaccuracies in either the MS4 map or the Dry Weather Field Screening and Analytical Stations Map.

- Reporting of all dry weather field screening and analytical monitoring results. The data should be presented in tabular and graphical form. The reporting shall include station locations, all dry weather field screening and analytical monitoring results, identification of sites where results exceeded action levels, follow-up and elimination activities for potential illicit discharges and connections, the rationale for why follow-up investigations were not conducted (within two business days) at sites where field testing or analytical action levels were exceeded, any City or consultant program recommendations/changes resulting from the monitoring, and documentation that these recommendations/changes have been implemented. Dry weather field screening and analytical monitoring reporting shall comply with all monitoring and standard reporting requirements in Attachment B of Order No. R9-2007-0001 and Receiving Waters Monitoring and Reporting Program No. R9-2007-0001.
- Any dry weather field screening and analytical monitoring reports generated (by City or consultant), to be provided as an attachment to the annual report.
- A brief description of any other investigations and follow-up activities for illicit discharges and connections.
- The number and brief description of illicit discharges and connections identified.
- The number of illicit discharges and connections eliminated.

### **9.6.2 Spill Reporting**

- Identification and description of all spills to the MS4 and response to the spills.
- A description of activities implemented to prevent sewage and other spills from entering the MS4.
- A description of the mechanism whereby notification of sewage spills from private laterals and septic systems is received.

### **9.6.3 Hotline Reporting**

- Number of times the hotline was called, as compared to previous reporting periods, and a summary of the calls.
- A description of efforts to publicize and facilitate public reporting of illicit discharges.

### **9.6.4 Enforcement**

- The number of violations and enforcement actions (including types) taken for illicit discharges and connections, including information on any necessary follow-up actions taken. The discussion should exhibit that compliance has been achieved, or describe actions that are being taken to achieve compliance.

### **9.6.5 Notable Activities**

- A description of notable activities conducted to manage illicit discharges and connections.

## **9.7 Illicit Discharge Detection and Elimination Component Effectiveness Assessment (Optional)**

The City of Del Mar will assess the effectiveness if it's Illicit Discharge Detection and Elimination Program. The effectiveness assessment will be based on the established regional effectiveness

assessment guidelines. The assessment of all components of the City's JURMP, including the IDDE component, is discussed in Chapter 13 of this JURMP.

## **9.8 Program Review and Modification**

After each annual assessment of the Illicit Discharge and Elimination Component's effectiveness, any proposed or required modifications to the program will be placed in this section and referred to in Chapter 14.

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