Section 5
Construction Component

5.1 Introduction

This section provides an introduction to the City's program to comply with the Construction Component.

5.2 Source Characterization

This section provides a general description of the priority pollutants, sources, and activities to be addressed through the City's Construction Component (Permit sections D.2.a(2)(a) and D.2.b, and J.1.a.(3)(d)iv).

Construction sites can pose a threat to receiving water quality through discharges or releases of pollutants to the MS4. The primary pollutant of concern from construction sites, especially those involving grading, is sediment. Other pollutants may include high or low pH discharges (caustic or acid), fertilizers (landscaping), metals and organics (paints, construction materials), etc. The pollutants can originate from construction sites because of the materials used and stored on-site, waste products, cleaning or washing activities, and uncontrolled spills.

Construction sites in Del Mar are required to implement BMPs to control pollutants on-site and prevent their release to the MS4 and the environment.

The Construction Component outlines the measures that the City includes in this program, in accordance with the Permit, to prevent pollution from being discharged from construction sites.

Prioritization and best management practices that will be used are summarized in Sections 5.2.1 and 5.4, respectively. Construction project proponents will be required to implement these measures pursuant to the City's Grading and Storm Water Ordinances, and this section of the JURMP. The City through an inspection program described under Section 5.5.5 will verify implementation of best management practices by construction site permittees. The City will enforce the implementation of these methods pursuant to the Grading and Storm Water Ordinances as described in Section 5.5.6.

The City is required under the Permit to establish priority classifications for each construction site with regard to the potential threat that the site may have on the water quality of urban runoff. The following section defines the project priorities and describes a process used to perform the classification.

5.2.1 Priority and Non-priority Construction Project Definitions

The City of Del Mar classifies construction sites into priority or non-priority threat to water quality with the consideration of many factors including: soil erosion potential, site slope, project size and type, sensitivity of receiving water bodies, proximity to receiving water bodies, non-storm water discharges, and any other relevant factors. The information for determining the project priority will be provided by the individual project proponents and evaluated by City staff as described in the paragraph below.

5.2.1.1 Priority Project Criteria

At minimum, the following conditions define a priority construction project:

- Site is 50 acres or more in size and grading will occur during the wet season;
- Site is 1 acre or more, and tributary to or in the City's WQSA, or within 200 feet of a WQSA;
- The site is determined by the City or recommended by the Regional Board as a significant threat to water quality. In evaluating threat to water quality, the following factors shall be considered:
  - soil erosion potential;
  - site slope;
  - project size and type;
  - sensitivity of receiving water bodies;
  - proximity to receiving water bodies;
  - non-storm water discharges;
  - past record of non-compliance by the operators of the construction site; and
  - any other relevant factors
- Site is required to obtain coverage under the State General Construction Permit

The City will require submittal of a written statement verifying application (notice of intent or NOI) for sites covered by the State General Construction Permit. These projects are considered priority construction sites.

5.2.1.2 Non-priority Project Criteria

Non-priority sites will be limited to sites of one acre or less. In addition, the sites must not be tributary to a Clean Water Act section 303(d) water body impaired for sediment; otherwise they may be classified as priority projects based on criteria listed in the third bullet in Section 5.2.1.1 above, at the City's discretion.

5.2.2 Site Inventory

This section describes how a watershed-based inventory of all construction sites is developed and prepared (Permit sections D.2.b and J.1.a.(1)(d)iv).

The City's inventory was prepared as a sample to show the entries in the spreadsheet that will be used to prepare the monthly inventory and track construction sites. The sample inventory is included in Appendix 5-A and represents sites on February 1, 2008. The City's inventory is fluid since construction project sites are constantly approved, cancelled (permits withdrawn by the applicant, denied by the City, expire, etc.), and completed.

The inventory of active construction projects is based on the City's list of active building permits, to be provided by the City's building department to the Clean Water Program Manager on a monthly basis.

5.2.3 Inventory Updates

This section provides a description of the steps taken to maintain and update monthly a watershed-based inventory of all construction sites (Permit sections D.2.b and J.1.a.(1)(d)v).
The Permit requires the City to develop, and update monthly, a watershed-based inventory of all construction sites within the City's jurisdiction that are subject to storm water regulation and control. The process described below has been developed by the City to facilitate the establishment and upkeep of the required inventory. The results of the inventory are presented in Appendix 5-A.

The inventory will be updated by the Clean Water Program Manager and distributed to the City's Planners and Code Enforcement staff to conduct the minimum required inspections of construction sites according to Section 5.5.5.

The monthly inventory will also be used to track the minimum number of inspections and verify that they are conducted as required in the Permit.

The Clean Water Program Manager is responsible for overseeing the upkeep of the required inventory of construction sites. The City has developed a database to facilitate the inventory of regulated construction sites within the City's jurisdiction. The database is used to generate the sample inventory shown in Appendix 5-A.

The inventory will include all construction projects, including capital improvement projects that are currently in progress within the City's jurisdiction and are subject to stormwater regulations. New entries to the database are recorded with information provided to the City as part of the construction permit application process described in Section 5.5.2. Periodically, the database is cross-referenced with the City's various construction project tracking systems to ensure the completeness of the database. Completed construction sites are removed from the database when the City closes the permit.

Watersheds are assigned to construction sites through one of two methods: 1) the location of the construction site is manually located on a map and the watershed identified and recorded; or 2) the construction site address is cross-referenced with a GIS-based database to return the watershed of the site's location.

5.3 Ordinance Updates

This section provides any updates to the grading ordinance and other applicable ordinances (Permit sections D.2.a.(1) and J.1.a.(1)(d)i).

The City is required by the Permit to review and update its grading ordinance as necessary for compliance with the Permit.

The City of Del Mar has several ordinances in place that combined offer comprehensive coverage to enforce construction site activities related to grading and stormwater quality. The three sections of the Del Mar Municipal Code (DMMC) relevant to construction site activities are:

- Chapter 11.30 – Stormwater Management and Discharge

- Chapter 23.32 – Excavation and Grading Permit
- Chapter 23.33 - Land Conservation and Permit

The Stormwater Management and Discharge section of the DMMC includes the minimum requirements for non-stormwater discharges, BMPs, and other general requirements to protect runoff water quality. The Excavation and Grading Permit section of the DMMC outlines the requirements for any excavation and grading activities in the City and the permitting requirements that authorize the City's oversight of these activities and imposing any additional measure necessary. It incorporates by reference additional provisions from the County of San Diego Code related to grading found in Section 87.101. The County's Code also incorporates by reference the state General Permit for Construction Activities Associated With Construction Activities (SWRCB Order 99-08-DWQ, NPDES General Permit No. CAS000002 and subsequent amendments.

The City's Stormwater Ordinance (DMMC Chapter 11.30) has been reviewed and amended to incorporate the new requirements of SDRWQCB Order NO. R9-2007-0001 and NPDES No. CAS0108758.

5.4 Best Management Practice Requirements

This section provides any updated construction and grading project requirements and BMPs, including at least the following:

5.4.1 Updated BMP Requirements

This section includes a list and description of minimum BMPs that will be implemented, or required to be implemented, including pollution prevention (Permit sections D.2.c and J.1.a.(1)(d)iii and vi). In the City of Del Mar the majority of the non-priority construction projects involve rebuilding or remodeling/additions of existing single family residences. Minimum construction BMP categories include the following:

- Non-stormwater discharge prevention and control
- Materials and waste handling and storage
- Erosion and Sediment Control
- Spill prevention and handling
- Employee training

Depending on the specific site conditions and the project's plan, additional or more specific BMPs will be included in the construction drawings as required by the Engineering Department. Also, if conditions in the field are identified that have a potential or have been observed to be releasing pollutants (sediment) to the MS4 or the receiving waters, additional BMPs may be required by the Building Inspector, Code Enforcement or Clean Water Program staff.

Minimum BMPs for priority construction sites are selected to be site-specific, but should include at minimum evaluation of the following two sets of BMPs.

5.4.1.1 General Site Management

a. Pollution prevention, where appropriate.
b. Development and implementation of a storm water management plan.

c. Minimization of areas that are cleared and graded to only the portion of the site that is necessary for construction;
d. Minimization of exposure time of disturbed soil areas;
e. Minimization of grading during the wet season and correlation of grading with seasonal dry weather periods to the extent feasible.
f. Limitation of grading to a maximum disturbed area as determined by the City before either temporary or permanent erosion controls are implemented to prevent storm water pollution. The City has the option of temporarily increasing the size of disturbed soil areas by a set amount beyond the maximum, if the individual site is in compliance with applicable storm water regulations and the site has adequate control practices implemented to prevent storm water pollution.
g. Temporary stabilization and reseeding of disturbed soil areas as rapidly as feasible;
h. Preservation of natural hydrologic features where feasible;
i. Preservation of riparian buffers and corridors where feasible;
j. Maintenance of all BMPs, until removed; and
k. Retention, reduction, and proper management of all pollutant discharges on site to the MEP standard.

5.4.1.2 Erosion and Sediment Controls

a. Erosion prevention, to be used as the most important measure for keeping sediment on site during construction, but never as the single method;
b. Sediment controls, to be used as a supplement to erosion prevention for keeping sediment on-site during construction;
c. Slope stabilization on all inactive slopes during the rainy season and during rain events in the dry season;
d. Slope stabilization on all active slopes during rain events regardless of the season; and
e. Permanent re-vegetation or landscaping as early as feasible.

5.4.2 Additional Controls for Construction Sites

This section describes any additional controls the City will implement or require implementation of for construction sites tributary to CWA section 303(d) water body segments impaired for sediment, or for sites within, adjacent to, or discharging directly to coastal lagoons or other receiving waters within the water quality sensitive areas (Permit section D.2.c.(4)).
As noted above in Section 5.2.1.1, priority projects include those that are within or tributary to the City's Water Quality Sensitive Areas (WQSA) and will include BMPs for the site that are monitored closely to address the discharge potential to the WQSA. The City's WQSA map is provided in Figure 1.1.2.

5.4.3 Maximum Disturbed Area for Erosion Controls

This section identifies the maximum disturbed area that the City will allow to be graded before either temporary or permanent erosion controls are required (Permit sections D.2.c.(1)(a)vi and J.1.a.(1)(d)vii).

The City will only allow a maximum disturbed area of up to one acre to be graded before temporary or permanent erosion controls are required with prior approval and at the discretion of the Clean Water Program Manager.

5.4.4 Advanced Treatment Methods

This section identifies the construction site conditions that will require the use of advanced treatment methods (Permit sections D.2.c.2 and J.1.a.(1)(d)viii). The City of Del Mar does not anticipate having projects that would require advance treatment methods to control sediment levels at project sites. The City's project sites are typically single family or single parcel projects which rarely exceed one acre in total size. Nevertheless, should such a project arise and advanced treatment be deemed necessary because the project has an exceptionally high potential to discharge sediment, or advanced treatment is deemed a feasible alternative to traditional BMPs (Section 5.4.1) then the project and the treatment method should be evaluated using at minimum the following factors:

a. Soil erosion potential or soil type;
b. The site's slopes;
c. Project size and type;
d. Sensitivity of receiving water bodies;
e. Proximity to receiving water bodies;
f. Non-storm water discharges;
g. Ineffectiveness of other BMPs; and
h. Any other relevant factors.

5.5 Program Implementation

This section includes a description of the steps taken to require and verify the implementation of the designated BMPs at all construction sites (Permit sections D.2.c.(1)(3), D.2.d-f, and J.1.a.(1)(d)ix-xiv). The detailed content and organization of this section reflects the specific processes used by the City of Del Mar.

5.5.1 Education and Staff Training

General education to construction project applicants is provided by various departments including Planning, Building, Code Enforcement and Clean Water. Educational materials include handouts, quick reference cards or trifolds, memoradums, comments directly provided on the submittal documents. The City also updates information on its website.

City of Del Mar employees receive annual training on storm water regulations and JURMP program implementation strategies. Training is provided by Clean Water Program staff or a knowledgeable manager or supervisor for that area or activity.

Employees also receive job-specific training which is described in each Municipal component area or activity as appropriate.

More detailed information on the City's stormwater education program is provided in Section 10 of this JURMP.

5.5.2 Construction and Grading Permit Approval Process

In accordance with the Permit, all priority construction projects (as defined in Section 5.2.1.1) that involve the disturbance of soil or pose a significant threat to urban runoff water quality must prepare an erosion control plan and implement minimum BMPs.

Proposed priority projects requiring grading and drainage plans are subject to Engineering Department review and approval prior to the issuance of building permits. The City's standard submittal requirements for construction projects require the proponent to assess the threat that the project poses to the quality of urban runoff, and prepare an applicable erosion control plan. All engineering drawings are required to provide standard stormwater protection and erosion control notes, and to include an erosion control plan to address the placement of sandbags, silt fences, fiber rolls and other BMPs sufficient to prevent the migration of sediment from the project site. Additional water quality technical documents to address the construction and the selection of post-construction BMPs are also subject to Engineering Department review and approval prior to the issuance of building permits.

In addition to the SWPPP, projects subject to the Statewide General Construction Permit must provide proof of coverage under that permit and submit a Storm Water Pollution Prevention Plan prepared in accordance with the Caltrans, Storm Water Pollution Prevention Plan and Water Pollution Control Program Preparation Manual, or equivalent acceptable to the City Engineer.

5.5.3 Administrative Controls

The City's BMPs and procedures, as described in this section, are strictly followed by employees assigned to any of the duties related to areas or activities in this Construction component. Employees are trained prior to performing these assignments and must adhere to these procedures in order to receive acceptable employee performance ratings. Newly hired or promoted employees are subject to probationary periods and performance evaluations that include performing their job functions according to established city processes and procedures. Employee performance policies are followed by all departments.

5.5.4 Direct Implementation of BMPs

The BMPs required for Construction sites in the City of Del Mar are directly implemented by the project's contractor, who is responsible for maintenance of adequate stormwater protection measures throughout all phases of the construction project.

The Permit requires the City to select minimum BMPs for all construction projects. The Construction Urban Runoff Requirements Manual presents the minimum BMPs that must be incorporated into the project storm water pollution prevention plan and implemented on the site. The manual references the Caltrans, Storm Water Quality Handbooks, Construction Site Best Management Practices Manual, and the City will use this manual as the standard by which BMPs are constructed and maintained. Through the City's storm water ordinance, and as presented in the Construction Urban Runoff Requirements Manual, each project proponent will be required to implement the minimum BMPs outlined for the project.

In addition to the standard minimum BMPs specified in the Construction Urban Runoff Requirements Manual, the City will, through the grading ordinance, and as called out in the manual, reserve the right to require any additional BMPs that the City determines necessary to adequately comply with the Permit. Also if a standard minimum BMP is infeasible at a specific site, the project proponent will be required to implement an alternative BMP that is the equivalent, or more stringent than the BMP being substituted for. The particular BMPs are included in Table 5-1 of the Construction Urban Runoff Requirements Manual.

5.5.5 Inspection of Construction Sites

The Permit requires that the City revise and implement the construction inspection program to insure that each construction site properly complies with the City's relevant ordinances outlining erosion control and stormwater runoff management, and to verify that the project stormwater pollution prevention plan or BMPs have been properly implemented and maintained. The City has a program in accordance with section D.2.d of the Permit.

5.5.5.1 Construction Site Inspection Frequencies

The Permit requires that the City conduct construction site inspections for compliance with its local ordinances (grading, storm water, etc.), permits (construction, grading, etc.), and the Permit at established minimum frequencies as described in Permit section D.2.d.

Initial inspection of priority construction sites will be conducted immediately following the commencement of work, and at least every two weeks during the wet season (October 1 through April 30) and as needed during the dry season.

Non-priority construction sites will be initially inspected immediately following commencement of work, and as needed during the dry and wet season.

Based upon site inspection findings, the City conducts follow-up inspections as determined by the inspector to verify compliance with the requirements outlined in the Permit, ordinances, City issued permits, and the JURMP, as described below.

5.5.5.2 Typical Construction Site Inspection Steps

The City's inspections of construction sites may include several educational and compliance verification activities. The inspection will include a verification of the items required in section D.2.d.(6) of the Permit, which at minimum includes:

a. Check for coverage under the General Construction Permit (Notice of Intent (NOI) and/or Waste Discharge Identification No.) during initial inspection. The project file should include the verification letter submitted to the City;
b. Assessment of compliance with the City's ordinances and permits related to urban runoff, including the implementation and maintenance of designated minimum BMPs as approved by the City in the projects documents (drawings, SWPPP, etc.);
c. Assessment of BMP effectiveness;
d. Visual observations for non-storm water discharges, potential illicit connections, and potential discharge of pollutants in storm water runoff;
e. Education and outreach on storm water pollution prevention, as needed; and
f. Creation of a written or electronic inspection report using the City's inspection form.

The following steps describe the typical construction inspection by City staff.

Step 1: Pre-inspection Preparation

Each inspector becomes familiarized with the storm water pollution prevention plan (SWPPP), the project construction drawings, project erosion control plan, and other supporting technical documents as applicable. During the review of the plan, the inspector reviews the proper installation and maintenance procedures for each of the BMPs to be used on the site. The inspector also prepares a storm water quality inspection form for the site. The storm water quality inspection form is the inspection record, and an erosion control site plan depicts the location of each required physical BMP.

Step 2: Initial or Routine Site Inspection

Immediately following the commencement of work, the assigned inspector visits the project site and meets with the designated water pollution control manager. The inspector reviews the SWPPP and/or erosion control plan with the designated water pollution control manager or construction site manager, and verifies that the manager has a complete and thorough knowledge of the requirements and procedures outlined in the plan. The inspector and manager will then perform an inspection of the site to confirm that the required BMPs have been properly installed, and review the maintenance schedule and procedures for each BMP. At the conclusion of the inspection the inspector notes the condition and installation of each BMP on the inspection record.

Step 3: Follow Up Inspections

Follow up inspections are conducted as noted by the inspector based on the results of the initial or routine site inspection. During each follow up inspection the inspector reviews the SWPPP and/or erosion control plan with the water pollution control manager or construction site manager and verifies that the scheduled installation and/or maintenance of the required BMPs is being adhered to. The inspector will also evaluate the effectiveness of the BMPs, and verify that additional BMPs are not necessary to insure that pollutants have been reduced to the maximum extent practicable. The inspector will note each BMP inspected and the condition of those BMPs on the inspection record for the site. The inspector will then review the inspection record with the storm water quality manager and inform the manager of any discrepancies or deficiencies found during the inspection.

5.5.6 Enforcement Measures for Construction Sites

The City is required to enforce its ordinances at all construction sites. Currently, if an inspector determines that a construction site is out of compliance with applicable ordinances, and enforcement actions are warranted, the inspector contacts the Code Enforcement Department and a Code Enforcement officer visits the site and issues the proper enforcement mechanism as described below. An enforcement action would typically occur as a result of an inspection or in response to a public or municipal staff reporting. 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 Code Enforcement officer with consideration of relevant circumstances regarding the violation. The general process for applying enforcement to construction sites for urban runoff related violations is described in Section 2.2.2 – Enforcement and also in the City's municipal code.

5.5.7 RWQCB Notification

If a construction site is determined to be non-compliant, and to pose and immediate threat to human health or the environment, the Clean Water Program Manager will notify the RWQCB 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."

5.6 Annual Reporting

The Permit requires that the City submit an Annual Report describing all the activities conducted by the City to meet the requirements in section D.2 (for Construction). In order to facilitate preparation of the Annual Report, the City will track the number of inspections for the inventoried construction sites throughout the reporting period (July 1 through June 30) to verify that the sites are inspected at the minimum frequencies required and that all other requirements are met.
The Annual Report section on construction component implementation is to include:

- Confirmation that all construction sites were required to undergo the City's construction urban runoff approval process and meet the applicable construction requirements, including a description of how this information was tracked.
- Confirmation that a regularly updated construction site inventory was maintained, including a description of how the inventory was managed.
- A description of modifications made to the construction and grading ordinances and approval processes.
- Confirmation that the designated BMPs were implemented, or required to be implemented, for all construction sites.
- Confirmation that a maximum disturbed area for grading was applied to all applicable construction sites.
- A listing of all construction sites with conditions requiring advanced treatment, together with confirmation that advanced treatment was required at such construction sites.

- For each construction site within the priority and non-priority category, 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.
- A description of the general results of the inspections.
- Confirmation that the inspections conducted addressed all the required inspection steps to determine full compliance.
- 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.
- A description of notable activities conducted to manage urban runoff from construction sites.

5.7 Construction Activities Effectiveness Assessment

JURMP Section 13.0 addresses the effectiveness assessment requirements of Permit sections I.1 and J.1.(3)(l).

5.8 Program Review and Modification

JURMP Section 14.0 will address any changes made to the JURMP to meet the requirements of the Permit.

Appendix 5-A
Sample Construction Inventory

Sample Construction Inventory

						Potential Pollutants											
Del Mar Account Number	**Facility Name**	**Number**	**Street**	**Hydrologic Area**	**Description of Area/Activity (Principle Products / Services)**	**Bacteria**	**Gross Pollutants**	**Metals**	**Nutrients**	**Oil & Grease**	**Organics**	**Pesticides**	**Sediment**	**Trash**	**Receiving Water Body**	**303(d) Listed Water Body**	**High Priority/ Non-Priority**
DRB-05-39	Buck	260	23rd St	San Dieguito	NSFR (FPOZ)					Yes			Yes	Yes	San Dieguito Lagoon	Yes, Bacteria	
CUP 02-03/ DRB 02-08	Secret Garden B&B	1140	Camino del Mar	San Dieguito	New Bed and Breakfast					Yes			Yes	Yes	Pacific Ocean	No	
DRB-06-11	Engel	701	Hoska Dr	San Dieguito	NSFR					Yes			Yes	Yes	Pacific Ocean	No	
DRB 01-13	Walker	340	Serpentine Dr	San Dieguito	Major Remodel					Yes			Yes	Yes	Pacific Ocean	No	
DRB-06-24	Waite/Harnley	134	11th St	San Dieguito	Addition					Yes			Yes	Yes	Pacific Ocean	No	
DRB-06-04	Matthews	267	24th St	San Dieguito	NSFR (FPOZ)					Yes			Yes	Yes	San Dieguito Lagoon		
DRB-03-19	Wrightland Property/ Bill Davidson	420	Avenida Primavera	San Dieguito	Addition and Remodel of Historic Property					Yes			Yes	Yes	Pacific Ocean	No	
DRB-04-54	Nicholas	1344	Ocean Ave	San Dieguito	NSFR					Yes			Yes	Yes	Pacific Ocean	No	
DRB -05-01	Papciak	152	7th St	San Dieguito	Detached Duplex					Yes			Yes	Yes	Pacific Ocean	No	
DRB-05-33	Hoen	730	Kalamath Dr	San Dieguito	NSFR					Yes			Yes	Yes	Pacific Ocean	No	
DRB-05-09	En Fuego (Wingate)	1342	Camino del Mar	San Dieguito	New Dining Room Roof, new Alley façade					Yes			Yes	Yes	Pacific Ocean	No	
DRB-04-18	Maysent	342	10th St	San Dieguito	Two NSFR's					Yes			Yes	Yes	Pacific Ocean	No	
DRB-05-06/ CDP-05-05-06	Gloy Residences	111	4th St		Two SFRs					Yes			Yes	Yes			
DRB-05-02	Begent	1905	Santa Fe Ave	San Dieguito	NSFR					Yes			Yes	Yes	Pacific Ocean	No	
DRB-03-39	Del Mar Charrette (Groundhouse)	1928	Balboa		NSFR					Yes			Yes	Yes			
DRB-04-45	Hagestad	2720	Ocean Front	San Dieguito	NSFR					Yes			Yes	Yes	Pacific Ocean	No	
DRB-06-29	Beach Village Villas (BatterKay)	139-171	13th St	San Dieguito	Two NSFR's					Yes			Yes	Yes	Pacific Ocean	No	
DRB-06-05	Zupan	610	Kalamath Dr	San Dieguito	NSFR with basement					Yes			Yes	Yes	Pacific Ocean	No	
DRB-06-25	Wegner	333	13th St	San Dieguito	One-Story/basement addition					Yes			Yes	Yes	Pacific Ocean	No	
DRB-06-13	Hall	335	El Amigo Rd	Los Peñasquitos	Entryway; Interior Remodel; Spa; Garage Remodel					Yes			Yes	Yes	Pacific Ocean	No	
DRB-04-52	Schneider/Louie	350	Hidden Pines Rd	Los Peñasquitos	NSFR					Yes			Yes	Yes	Pacific Ocean	No	
DRB 98-32 Mod.	Bakker	335	La Amatista Rd	San Dieguito	SFR Addition and Remodel					Yes			Yes	Yes	Pacific Ocean	No	
DRB-05-08	Grant	445/439	9th St	San Dieguito	NSFR					Yes			Yes	Yes	Pacific Ocean	No	
DRB-05-19	Countryman	400	Ocean View Ave	Los Peñasquitos	NSFR					Yes			Yes	Yes	Los Peñasquitos Lagoon	Yes, Phoshpate, TSS	
DRB-03-17	Jones	123	8th St	San Dieguito	NSFR					Yes			Yes	Yes	Pacific Ocean	No	
DRB 01-04	Williams Vetrinary Clinic	2132	Jimmy Durante Blvd	San Dieguito	Addition & Remodel					Yes			Yes	Yes	San Dieguito Lagoon	Yes, Bacteria	
DRB-02-18	Costello	147	12th St	San Dieguito	Roof deck and minor remodel to condo					Yes			Yes	Yes	Pacific Ocean	No	
DRB-05-26	Ludlow	750	Hoska Dr	San Dieguito	Stairs; Decks; Remodeling					Yes			Yes	Yes	Pacific Ocean	No	
DRB-07-10	LaFlamme	1210	Stratford Ct	San Dieguito	Fireplace; Outdoor Barbeque; Trellis; Etc					Yes			Yes	Yes	Pacific Ocean	No	

Sample Construction Inventory

						Potential Pollutants											
Del Mar Account Number	**Facility Name**	**Number**	**Street**	**Hydrologic Area**	**Description of Area/Activity (Principle Products / Services)**	**Bacteria**	**Gross Pollutants**	**Metals**	**Nutrients**	**Oil & Grease**	**Organics**	**Pesticides**	**Sediment**	**Trash**	**Receiving Water Body**	**303(d) Listed Water Body**	**High Priority/ Non-Priority**
CUP-04-05, DRB-02-34, LC-02-04	Neeley (La Atalaya)	690	Serpentine Dr	San Dieguito	Under construction					Yes			Yes	Yes	Pacific Ocean	No	
DRB-03-45	Halenza	605	15th Street	San Dieguito	Additions to SFR. Under construction					Yes			Yes	Yes	Pacific Ocean	No	
DRB-04-34	Stubbs	1305	Via Alta	San Dieguito	Under construction					Yes			Yes	Yes	Pacific Ocean	No	
DRB-05-24 MOD	Klipstein	415	Torrey Point Rd	Los Peñasquitos	NSFR					Yes			Yes	Yes	Los Peñasquitos Lagoon	Yes, Phoshpate, TSS	
DRB-06-31/ CDP-06-20/ FDP-06-05	Crouch	235	25th St	San Dieguito	NSFR					Yes			Yes	Yes	San Dieguito Lagoon	Yes, Bacteria	
ADR-06-11	Meacham	2131	David Wy	San Dieguito	walls and landscaping (drainage plan)					Yes			Yes	Yes	San Dieguito Lagoon	Yes, Bacteria	
DRB-06-07	Sharp	834	Crest Rd	San Dieguito	addition/ remodel with basement					Yes			Yes	Yes	Pacific Ocean	No	
DRB-06-32	Jaffe	1619	Forest Wy	San Dieguito	addition/ remodel					Yes			Yes	Yes	Pacific Ocean	No	
DRB-06-15/ CDP-06-08	Richardson	2410	Ocean Front	San Dieguito	NSFR with basement					Yes			Yes	Yes	Pacific Ocean	No	
DRB-06-22/ CDP-06-15/ FDP-06-03	Holliday/ Sohn	264	26th St	San Dieguito	NSFR					Yes			Yes	Yes	San Dieguito Lagoon	Yes, Bacteria	
DRB-05-32/ LC-05-15/ CDP-05-20	Bockman	542	Van Dyke Ave	San Dieguito	NSFR with basement					Yes			Yes	Yes	Pacific Ocean	No	
DRB-02-50	Turner	1955	Jimmy Durante Blvd	San Dieguito	NSFR with basement					Yes			Yes	Yes	San Dieguito Lagoon	Yes, Bacteria	