U.S. Environmental Protection Agency
Region 9
Water Division
75 Hawthorne Street
San Francisco, CA 94105-3901

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) COMPLIANCE INSPECTION

CITY OF NAPA, CALIFORNIA

INSPECTION REPORT

Inspection Date:
May 25, 2012

Report Date:
July 26, 2012

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Section 1.0 Introduction

On May 25, 2012, the U.S. Environmental Protection Agency's (EPA) contractor, PG Environmental, LLC, on behalf of the San Francisco Bay Regional Water Quality Control Board (RWQCB; hereinafter, collectively, the Inspection Team) conducted an inspection of the City of Napa, California (hereinafter, City), Municipal Separate Storm Sewer System (MS4) Program.

According to the 2010 U.S. Census, the City is approximately 18.1 square miles with a population of 76,915 people. The City is located in Napa County and the primary receiving water for discharges from the MS4 is the Napa River.

According to the City Senior Civil Engineer, in 2004 the City officially entered into a Joint Powers Agreement (JPA) with neighboring municipalities to form a County-wide storm water program. The program is overseen by the Napa County Flood Control District and includes Napa County, the town of Yountville, and cities of Napa, St. Helena, American Canyon, and Calistoga.

Section 1.1 Permit and Storm Water Management Plan

Discharges from the City's MS4 are regulated under California State Water Resources Control Board Order No. 2003–0005–DWQ, National Pollutant Discharge Elimination System (NPDES), General Permit No. CAS000004, *Waste Discharge Requirements for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems* (hereinafter, the Permit), issued April 30, 2003. A copy of the Permit is included as Appendix A. According to City staff, the City obtained coverage under the Permit in 2004 and has been developing its MS4 program since that time.

The Permit authorizes the City to discharge storm water runoff and certain non-storm water discharges from its small MS4 to waters of the United States, under the Permit's terms and conditions. Part D.1 of the Permit requires the City to develop, implement, and enforce an effective storm water management plan (SWMP) designed to reduce the discharge of pollutants from the regulated small MS4 to the maximum extent practicable and to protect water quality.

Pursuant to this requirement, the members of the County-wide storm water program developed and have been operating under the *Napa County Stormwater Management Program* (hereinafter, Napa County SWMP), dated December 12, 2003. A copy of the Napa County SWMP is included as Appendix B.

According to the City Deputy Director of Public Works, in April 2011, the City hired an individual as a Public Works Engineering Assistant and assigned that staff member to fulfill storm water program coordination duties. The City Deputy Director of Public Works explained that this was a significant milestone for the City's MS4 program.

Section 1.2 Purpose of Inspection

The purpose of the inspection was to obtain information that will assist EPA and the RWQCB in assessing the City's compliance with the requirements of the Permit and associated SWMP, as well as the implementation status of the City's current MS4 program.

Section 1.3 Program Areas Evaluated

The inspection included an evaluation of the City's compliance with three of the Minimum Control Measures (MCMs) included in the Permit:

MCM 4	Construction Site Storm Water Runoff Control
MCM 5	Post-Construction Storm Water Management in New Development and Redevelopment
MCM 6	Pollution Prevention/Good Housekeeping for Municipal Operations

The Inspection Team did not evaluate all components of the permittee's MS4 Program. Therefore, the permittee should not consider this inspection report a comprehensive evaluation of all individual program elements.

Section 1.4 Inspection Process

The Inspection Team obtained information through a series of interviews with the representatives from the City's Public Works Department, along with a series of site visits, record reviews, and field verification activities. The EPA contractor representative presented his credentials at the opening meeting of the inspection. Dry weather conditions were experienced throughout the inspection activities. A copy of the tentative agenda distributed prior to the inspection is included as Appendix C.

It should be noted that this inspection report does not attempt to comprehensively describe all aspects of the City's MS4 program, fully document all lines of questioning conducted during personnel interviews, or document all in-field verification activities conducted during the site visits.

A copy of the inspection sign-in sheet is included as Appendix D. The primary representatives involved in the inspection were the following:

City of Napa MS4 Inspection: May 25, 2012	
City of Napa Public Works Department	Eric Whan, Deputy Director of Public Works Gerardo Mendez, Public Works Department Engineering Assistant / Storm Water Program Coordinator Jason Holley, Senior Civil Engineer
EPA Contractor	Bobby Jacobsen, PG Environmental, LLC

Section 2.0 Program Evaluation Observations

This inspection report identifies positive program attributes, program deficiencies, and potential violations, and is not a formal finding of violation. Potential violations are areas not fulfilling requirements of the Permit and/or Napa County SWMP. Program deficiencies are areas of concern for successful program implementation or areas that, unless action is taken, have the potential to result in non-compliance in the future. Positive attributes indicate overall progress or success in implementing the program. This report also provides recommendations for improved program implementation included with associated findings. Additional overall program area recommendations not associated with a specific finding are located at the end of each applicable subsection.

During the evaluation, the Inspection Team obtained documentation and other supporting evidence regarding compliance with the Permit and associated SWMP. The Napa County SWMP contains a number of best management practices (BMPs), objectives, and implementation timetables with implementation details, measurable goals and schedules.

Referenced documentation used as supporting evidence is provided in Appendix E, the Exhibit Log, and photo documentation is provided in Appendix F, the Photograph Log.

Section 2.1 Construction Site Storm Water Runoff Control

As stated in Part D.2.d of the Permit, the City must "develop, implement, and enforce a program to reduce pollutants in any storm water runoff to the Small MS4 from construction activities that result in a land disturbance of greater than or equal to one acre." The program must include, at a minimum, the specific requirements in Part D.2.d (1)–(6) of the Permit.

The Inspection Team held discussions with City staff regarding the implementation status and documentation of its program for construction site storm water runoff control. In addition, the Inspection Team visited two active private construction sites—Southern Century Theater Construction Project (WDID No. 2 28C358511) and Kaiser Permanente Office Building Expansion (WDID No. 2 28C361144). No specific site deficiencies were noted during the visits to the construction sites, therefore, individual write-ups and photographs of the site visits are not included in this inspection report.

Positive Attributes:

2.1.1 The City's methods of oversight for private construction projects including the inventory of active sites were effective. The City Storm Water Program Coordinator explained that the City maintains an inventory in Microsoft Excel of active construction sites and the dates on which the sites were inspected. The City Storm Water Program Coordinator explained that throughout the year he inspects at least five active construction sites within 48 hours prior to a predicted rainfall event of great than or equal to 0.25 inch. This inspection frequency is identified in BMP No. 3E, *Implement*

inspection program, in Table 5 of the Napa County SWMP. The City Storm Water Program Coordinator further explained that while on-site he completes an inspection report on a carbon copy form, provides the site representatives with a copy of the inspection report, and discusses his observations with the site representatives.

As described above, during the inspection the Inspection Team visited two active private construction sites—Southern Century Theater Construction Project (WDID No. 2 28C358511) and Kaiser Permanente Office Building Expansion (WDID No. 2 28C361144). No specific site deficiencies were noted during the visits to the construction sites. At both sites visited, it appeared that the City Storm Water Program Coordinator had established an effective working relationship with the site representatives.

2.1.2 The City had developed a formal enforcement response plan (ERP) document for addressing issues related to storm water runoff from construction sites. Part D.2.d(6) of the permit requires the City to develop and implement "procedures for site inspection and *enforcement* [emphasis added] of control measures." During the inspection, the Inspection Team discussed the City's enforcement capabilities and procedures for issues related to storm water runoff from construction sites with City staff. The City Storm Water Program Coordinator explained that he has been able to develop effective working relationships with site superintendents in the City and has generally been able to resolve issues without enforcement. He added, however, that the City developed the *City of Napa Storm Water Enforcement Response Plan for Illicit Construction Discharges*, last updated December 2011, in accordance with BMP No. 1C, *Enforcement response plan*, identified in Table 5 of the Napa County SWMP. A copy of the ERP is included as Appendix E, Exhibit 1.

Potential Violations:

2.1.3 The City had not developed formal procedures for site plan review which incorporate consideration of potential water quality impacts. Part D.2.d(4) of the Permit requires that the City develop and implement "procedures for site plan review which incorporate consideration of potential water quality impacts." In addition, BMP No. 2A, *Develop review process*, identified in Table 5 of the Napa County SWMP identifies that the City would develop plan review check lists and instructions (i.e., procedures) during Fiscal Year 2004–2005.

The Inspection Team formally requested copies of construction site plan review procedures and Erosion and Sediment (E&S) Control Plan/SWPPP review checklists. In response, the City provided the "City of Napa Erosion and Sediment Control Plan Review Checklist," dated May 2012, and a draft copy of the "City of Napa Local SWPPP (LSWPPP) Review Sheet Checklist." The City Storm Water Program Coordinator explained the City's process for conducting site plan and storm water pollution prevention plan (SWPPP) reviews, but indicated that formal procedures for conducting the reviews had not yet been developed. He further explained that he was currently in the process of developing these procedures. The Inspection Team did not obtain an anticipated timeline for completion of the procedures.

The City Storm Water Program Coordinator explained that he participates in the site plan review process, and has conducted several reviews of site plans for erosion and sediment controls, inlet protection, and other BMPs since he started in April 2011. He explained that he uses the requirements of the California State Water Resources Control Board Order No. 2009–0009–DWQ, NPDES General Permit No. CAS000002, *General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities* (hereinafter, Construction General Permit), as guidance for conducting the reviews. In addition, The City Storm Water Program Coordinator stated that that he participates in pre-construction meetings for projects greater than one acre, and that he ensures that applicable projects have filed a notice of intent (NOI) for coverage under the Construction General Permit and have received WDID numbers.

The City should complete the development of site plan and SWPPP review checklists and procedures to ensure that City staff conduct site plan and SWPPP reviews consistently.

2.1.3 The City had not developed and implemented formal procedures for receipt and consideration of information submitted by the public regarding construction sites. Part D.2.d(5) of the Permit requires that the City develop and implement "procedures for receipt and consideration of information submitted by the public." During the inspection, the Inspection Team held discussions with City staff regarding the City's process for receiving, documenting, and responding to complaints. City staff explained that generally complaint calls are received by the City Public Works Department and water quality-related calls are directed to the City Storm Water Program Coordinator for follow up. In addition to reporting by telephone, the City has implemented an electronic system called "CRM" (Customer Response Manager) on its Website where citizen can report issues and make formal complaints. The City Storm Water Program Coordinator explained that the City had not developed formal written procedures to document the process of receiving, documenting, and responding to complaints.

The City should develop formal procedures that describe how information submitted by the public regarding construction sites is received and documented by the City. Procedures that reflect how the City receives and documents public complaints should help ensure that complaints are addressed by the appropriate staff members. Furthermore, maintaining a database or other easily-searchable form of documentation should enable the City to readily identify recurring issues.

2.2.3 The City had not developed formal procedures for inspection of construction site storm water runoff control measures. Part D.2.d(6) of the Permit requires that the County develop and implement "procedures for *site inspection* [emphasis added] and enforcement of control measures." The Inspection Team formally requested procedures for conducting inspections of construction sites for storm water runoff control. In response the City provided a copy of its "Stormwater Pollution Prevention Inspection Form," dated February 15, 2012, but did not provide formal procedures for conducting site inspections.

As described above in Section 2.1.1, the City Storm Water Program Coordinator explained the City's inspection frequency and method of documenting the site inspections. During the visits to the two construction sites, the City Storm Water Program Coordinator also explained the process he implements for conducting site inspections, including focus areas for the inspections. It appeared to the Inspection Team that the City Storm Water Program Coordinator had established an effective inspection process; however, the City had not developed formal procedures for the on-site inspection process.

The City should establish formal procedures for inspection of construction site storm water runoff control measures to ensure that inspections are conducted and documented consistently by City staff.

Section 2.2 Post-Construction Storm Water Management in New Development and Redevelopment

As required by Part D.2.e(1) of the Permit, the City must "develop, implement, and enforce a program to address storm water runoff from new development and redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale, that discharge into a Small MS4 by ensuring that controls are in place that would prevent or minimize water quality impacts." Furthermore, Section D.2.e(4) of the Permit requires the City to "ensure adequate long-term operation and maintenance of [post-construction] BMPs."

The Inspection Team held discussions with City staff regarding the implementation status and documentation of its program for post-construction storm water management in new development and redevelopment.

Positive Attribute:

2.2.1 The City had developed an effective program for requiring permanent storm water management controls for construction projects. The City adopted its *Stormwater Runoff Pollution Control Ordinance No. 02044.4* on June 1, 2004 and incorporated it into the City municipal code as Chapter 8.36 (hereinafter, City Storm Water Ordinance). Section 8.36.090, *Reduction of pollutants in stormwater*, of the City Storm Water Ordinance states that the City would "adopt requirements identifying appropriate best management practices to control the volume, rate, and potential pollutant load of stormwater runoff from new development and redevelopment projects as may be appropriate to minimize the generation, transport and discharge of pollutants." Pursuant to this section of the City Storm Water Ordinance, the City adopted a document titled *Post-Construction Stormwater Pollution Prevention Design Standards*, dated June 20, 2006, which became effective June 30, 2006 (hereinafter, Post-Construction Design Standards document). A copy of the Post-Construction Design Standards document is included as Appendix E, Exhibit 2.

The Post-Construction Design Standards document describes the steps which site developers must take to determine whether they are subject to post-construction storm water runoff control requirements (Appendix A to the document) and a BMP selection matrix (Table 5 in the document). Furthermore, Section IV.A.1 of the Post-Construction Design Standards document requires that site developers create an operation and maintenance (O&M) plan and provide a completed maintenance agreement for post-construction BMPs. The City Storm Water Program Coordinator provided the Inspection Team with copies of templates of maintenance agreements for BMPs owned by single owners (e.g., commercial facility), and those owned by multiple people (e.g., homeowners association). The Inspection Team noted that the maintenance agreement templates reference the O&M plans and include additional maintenance requirements in the appendices to the agreements.

The Inspection Team found the development of the Post-Construction Design Standards document to be an especially effective approach, as design standards could be modified by the City without undergoing a formal amendment to the City Storm Water Ordinance. The City Storm Water Program Coordinator explained that the Post-Construction Design Standards document would be updated to reflect permit requirements in the new Phase II MS4 General Permit once it is adopted.

Potential Violation:

2.2.2 The City had not fully developed and implemented its operation and maintenance program for post-construction BMPs as described in the Napa County SWMP. Part D.2.e(4) of the Permit requires that the City "ensure adequate long-term operation and maintenance of [post-construction] BMPs." Pursuant to this requirement, Section 4, *Long-term Maintenance*, in Table 6 of the Napa County SWMP identifies the multiple activities and BMPs for the City's program. During the inspection, the Inspection Team held discussions with City staff regarding the City's program for operation and maintenance of post-construction BMPs.

The following is a list of select BMPs included at Section 4 in Table 6 of the Napa County SWMP and a description of the Inspection Team's related observations:

- BMP No. 4B – Identify all structural controls operated by the Municipality (Fiscal Year 2004–2005)
    - The City provided the Inspection Team with an inventory of privately-owned BMPs and the City Storm Water Program Coordinator explained that the City did not have an inventory of structural controls owned and operated by the City. It was unclear to the Inspection Team whether the inventory of privately-owned BMPs included all privately-owned BMPs within the City or primarily those with established maintenance agreements. There are 20 BMP owners listed on the inventory, with multiple BMPs listed for each owner. A copy of the inventory is included as Appendix E, Exhibit 3.

- BMP No. 4C – Develop inspection and maintenance schedule (Fiscal Year 2005–2006)
    - The City Storm Water Program Coordinator explained that the maintenance agreements include a requirement for the BMP owner to conduct an annual inspection of the BMP and provide an inspection report to the City. The City Storm Water Program Coordinator explained that the City did not have a formal schedule for inspection of the BMPs and the City has not conducted and documented inspections of post-construction BMPs. Based on review of the inventory of privately-owned post-construction BMPs (see Appendix E, Exhibit 3), it appeared to the Inspection Team that only four of the 20 BMP owners identified on the inventory had submitted inspection reports since Fiscal Year 2009–2010. Two of the BMP owners submitted reports for two different years, while two additional BMP owners submitted reports for one year. The City Storm Water Program Coordinator explained that he plans to send an annual letter to BMP owners to remind them of their inspection and maintenance obligations.
- BMP No. 4E – Implement maintenance schedule (Fiscal Years 2005–2006 through 2007–2008)
    - As stated above, the City Storm Water Program Coordinator explained that the City did not have a formal schedule for inspection of the BMPs and the City has not conducted and documented inspections of post-construction BMPs. According to the inventory of privately-owned post-construction BMPs (see Appendix E, Exhibit 3), the City has received about six total post-construction BMP inspection reports from private BMP owners since Fiscal Year 2009–2010. As stated above, two of the BMP owners submitted reports for two different years, while two additional BMP owners submitted reports for one year, for a total of six inspection reports submitted to the City.

The City must develop and implement a program to ensure adequate long-term operation and maintenance of post-construction BMPs. As described in the Napa County SWMP, the program should include a complete inventory of post-construction BMPs (both public and private), and an inspection and maintenance schedule. If the City decides to rely on private post-construction BMP owners for inspection and maintenance of privately-owned BMPs, the Inspection Team recommends that the City conduct its own quality assurance inspections of a portion of the privately-owned BMPs on an annual basis. These inspections should help ensure that the results of the inspection reports submitted by BMP owners are consistent with the City's expectations for BMP inspection and maintenance.

Recommendation:

2.2.3 Incorporate individual post-construction BMPs into the City's geographic information system (GIS)-based map and computerized maintenance management

system. During the inspection, the Inspection Team held discussions regarding the City's mapping of its storm sewer system and post-construction BMPs, and the City's management of work orders for storm sewer system maintenance. City staff explained that the City has developed a GIS-based mapping system which includes storm sewer system components, such as outfalls, storm sewer pipe, and parcels which have post-construction BMPs. Because a parcel of land may have more than one post-construction BMP, the Inspection Team recommends that the City map the location of each post-construction BMP within the parcels rather than only denoting that a particular parcel has post-construction BMPs.

At the time of the inspection, the City did not have a formal computerized maintenance management system (CMMS); however, City staff explained that the City was in the process of considering various CMMS options and working on a plan to move forward. The Inspection Team recommended that when the City implements a CMMS, that post-construction BMPs be incorporated into the system. The system could be used to schedule routine inspection of post-construction BMPs and maintain a record of inspection and maintenance activities that have been performed for BMPs.

Section 2.3 Pollution Prevention/Good Housekeeping for Municipal Operations

As stated at Part D.2.f of the Permit, the City must "develop and implement an operation and maintenance program that includes a training component and has the ultimate goal of preventing or reducing pollutant runoff from municipal operations."

During the inspection, the Inspection Team, along with City Staff, visited the City's Public Works Corporation Yard, and two fire stations. Several observations regarding pollution prevention and good housekeeping were noted during the site visits and are included below. In addition to the site visits, the Inspection Team held discussions with City staff regarding the implementation status and documentation of its program for pollution prevention/good housekeeping for municipal operations.

<u>Positive Attribute</u>:

2.3.1 The City had developed a program for training municipal staff on issues regarding pollution prevention and good housekeeping. During the inspection, the City Storm Water Program Coordinator described the City's program for providing pollution prevention and good housekeeping to municipal staff. Several of the highlights from his description of the training program and training events are included below:

- In June 2011, the City Storm Water Program Coordinator met with supervisors in various departments at the City Public Works Corporation Yard, distributed binders of BMPs for implementation at the facility, and went through the facility SWPP document with the supervisors. Subsequently, the supervisors held meetings with their own staff to disseminate information discussed with the City Storm Water Program Coordinator.

- The City Storm Water Program Coordinator conducted pollution prevention/good housekeeping training for City Fire Department staff in May 2011.
- The City Storm Water Program Coordinator was planning on conducting hazardous material training including storm water components with City Fire Department staff and additional staff that work at the City Corporation Yard in June 2012.

Program Deficiency:

2.3.2 The Inspection Team observed issues related to the storage of street sweeper waste and accumulated sediment on impervious areas during a site visit to the City Corporation Yard.

Site Visit: City Corporation Yard – 770 Jackson Street, Napa, California

The City's Corporation Yard is used by various City departments, including public works, highways, fleet maintenance, and parks and recreation. According to the City Storm Water Program Coordinator, the City developed a SWPPP for the facility in 2007 or 2008, and he reviewed and updated the SWPP after he started with the City in April 2011. The overall SWPPP is managed by the Fleet Maintenance Department Manager, and duties have been delegated to representatives in the various departments which use the facility. City staff explained that at least four formal storm water inspections are conducted at the facility throughout the year and weekly inspections are conducted of the chemical storage area.

The Inspection Team observed the following issues related to pollution prevention and good housekeeping at the facility:

1. The waste bin used for storing street sweeper waste near the center of the facility was not secured tightly and fluid had leaked onto the adjacent impervious ground surface (see Appendix F, Photographs 1 and 2).
2. There were several locations at the facility where sediment had accumulated on the impervious ground surface (see Appendix F, Photographs 3 and 4)

The Inspection Team observed the following practices which had been implemented for pollution prevention and good housekeeping at the facility:

1. Storm drain inlets at the facility had filter fabric inserts for inlet protection (see Appendix F, Photographs 5 through 8).
2. Metal parts and other materials were stored on wooden pallets, reducing the potential for contact in standing storm water, in several locations at the facility (see Appendix F, Photographs 9, 10, and 11)
3. The facility had a materials storage area with permanent overhead coverage (see Appendix F, Photographs 12 and 13)
4. The facility had a covered vehicle wash bay that facility representatives stated was piped to the sanitary sewer system (see Appendix F, Photographs 14 and 15)

5. The City modified the Southside Enclosure storage area about 4 years ago to make the storage area include a containment berm and have enough volume capacity to contain spills from the stored materials (see Appendix F, Photographs 16, 17, and 18).

Recommendation:

2.3.3 Conduct assessments of fire stations within the City for pollution prevention / good housekeeping. The Inspection Team, along with City staff, visited two of the City's fire stations during the inspection—Fire Station No. 1 and Fire Station No. 4. During the site visit to Fire Station No. 1 (930 Seminary Street, Napa, California), the Inspection Team spoke with a fire department representative who showed the Inspection Team where fluids were stored on-site. The fire department representative explained that vehicle washing is conducted along the side of the fire station along Seminary Street. He stated that soap is normally used in the washing process.

During the site visit to Fire Station No. 4 (251 Gasser Drive, Napa, California), the Inspection Team Spoke with fire department representatives who showed the inspection team the area in the back of the fire station used for vehicle washing. They explained that there is a flow diversion device that is engaged prior to washing activities which directs flow to the sanitary sewer rather than the storm sewer (see Appendix F, Photographs 19 through 25). The City Storm Water Program Coordinator was not familiar with the device, but explained that this fire station was the newest in the City and had been specifically designed with this flow diversion feature. The fire department representatives present during the site visit were uncertain of maintenance requirements for the system or when it had been last maintained.

The Inspection Team recommends that the City conduct formal assessments of the City fire stations to identify potential pollutant sources, ensure that existing BMPs are properly implemented and maintained, and to determine whether additional BMPs should be implemented to prevent the contribution of pollutants to storm water runoff.

California Regional Water Quality Control Board
San Francisco Bay Region

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Edmund G. Brown, Jr.
Governor

CIWQS Place ID 241755 (STL)

Also emailed to city.manager@newark.org

Mr. John Becker
City Manager
City of Newark
37101 Newark Boulevard
Newark, California 94560

Subject: Transmittal of Stormwater Compliance Inspection Report

Dear Mr. Becker:

In response to a complaint against the City of Newark's Corporation Yard/Maintenance Facility, we conducted an onsite investigation on January 25, 2011. Subsequent to this investigation, we decided to call this investigation a stormwater program compliance inspection because Water Board staff used the requirements in the City of Newark's Municipal Regional Stormwater NPDES Permit Number CAS612008, Order R2-2009-0074 to investigate the complaint.

Please refer to the attached Stormwater Inspection Report for a detailed discussion of the inspection findings, identified deficiencies, and required corrective actions for improving the City's Stormwater Program. **You are required to respond in writing within 20 days of the date of this letter. Your response must include a time schedule for completing all Required Actions in the attached Stormwater Inspection Report that have not already been noted as Correction Actions implemented.**

We look forward to your cooperation in this matter. If you have questions, please call Selina Louie at (510) 622-2383 or via email at slouie@waterboards.ca.gov.

Sincerely,

Dale Bowyer

Digitally signed by Dale Bowyer
DN: cn=Dale Bowyer, o=S.F. Bay Water Quality Control Board, ou=Watershed Division, email=dbowyer@waterboards.ca.gov, c=US
Date: 2011.07.25 17:04:27 -07'00'

Shin-Roei Lee, Chief
Watershed Management Division

Enclosure: Stormwater Inspection Report

cc: Soren Fajeau, City of Newark
Robert McKinney, City of Newark
Jim Scanlin, Alameda County Clean Water Program

City of Newark
Stormwater Inspection Report

1.0 Introduction

1.1 Inspection Purpose

The purpose of the inspection was to investigate a complaint against the City of Newark's Corporation Yard/Maintenance Facility located at 37440 Filbert Street. After a thorough inspection of the Corporation Yard/Maintenance Facility, Board staff completed a storm water program compliance inspection using the requirements in the City of Newark's Municipal Regional Stormwater NPDES Permit Number CAS612008, Order R2-2009-0074.

1.2 Program Areas Evaluated And Preliminary Findings Communication

The inspection focused only on Provision C.2.f. – Corporation Yard BMP Implementation.

Throughout the inspection, preliminary findings were discussed with City of Newark (City) and preliminary findings and required actions were emailed to the City on January 31, 2011 (Attachment 1). In an email dated March 3, 2011(Attachment 2), City staff summarized the corrective actions already taken to address the preliminary issues addressed in Water Board staff's email dated January 31, 2011.

1.3 Program Areas Not Inspected

The following areas were not evaluated as part of the inspection:

- Municipal Operations, with the exception of Provision C.2.f.
- New Development and Redevelopment
- Industrial and Commercial Site Controls
- Illicit Discharge Detection and Elimination
- Construction Site Control
- Public Information and Outreach
- Water Quality Monitoring
- Pesticides Toxicity Control
- Trash Load Reduction
- Mercury Controls
- Polychlorinated Biphenyls Controls
- Copper Controls
- Polybrominated Diphenyl Ethers, Legacy Pesticides and Selenium
- Other NPDES permit coverage issued to the City (e.g., industrial or construction NPDES stormwater permits).
- Inspection reports, plan review reports, and other relevant files. Water Board staff did not conduct a detailed file review to verify that all elements of the areas being inspected were being implemented as described and documented accordingly. Instead, observations by Water Board staff, statements from City's representatives, and detailed review of the Stormwater Pollution Prevention Plan were used to assess

compliance with permit requirements. A detailed file review of specific program areas could be included in subsequent inspections.

1.4 Inspection Attendees

Selina Louie – Water Board
Soren Fajeau and Robert McKinney – City of Newark

1.5 Inspection Preparation

Before conducting the on-site investigation on January 25, 2011, Water Board staff reviewed the following materials:

- Complaint
- Municipal Regional Stormwater NPDES Permit Number CAS612008, Order R2-2009-007 (MRP)
- Alameda Countywide NPDES Municipal Stormwater Permit Number CAS0029831, Order R2-2003-0021 (Previous Permit)
- Stormwater Quality Management Plan, Alameda Countywide Clean Water Program, July 2001 – June 2008

1.6 Permit History

- Municipal Regional Stormwater NPDES Permit Number CAS612008, Order R2-2009-0074, adopted October 14, 2009
- Alameda Countywide NPDES Municipal Stormwater Permit Number CAS0029831, Order R2-2003-0021, adopted February 19, 2003
  - Alameda Countywide NPDES Municipal Stormwater Permit Number CAS0029831, Order R2-2007-0025, adopted March 14, 2007 – amendment to R2-2003-0021
- Alameda Countywide NPDES Municipal Stormwater Permit Number CAS0029831, Order No. 97-030, adopted February 19, 1997
  - Alameda Countywide NPDES Municipal Stormwater Permit Number CAS0029831, Order No. 99-049, adopted July 21, 1999 – modifications to Order No. 97-030
- Alameda Countywide NPDES Municipal Stormwater Permit Number CAS0029831, Order No. 91-146, adopted October 16, 1991

2.0 Inspection Results

This inspection report identifies Required Actions. **Required Actions** have been included to ensure adequate implementation of the MRP. Since the inspection on January 25, 2011, the City has implemented the corrective actions for the issues mentioned during the inspection and in Water Board's staff email dated January 31, 2011. These implemented corrective actions are acknowledged in this report.

2.1 Corporation Yard BMP Implementation

Water Board staff evaluated all of Provision C.2.f.

Findings

Corporation Yard/Maintenance Facility Inspection

a. The front portion, where the buildings are located, is paved but there are no storm drains in the paved area. Rather, shallow concrete ditches collect water from the paved areas and transport it to the front of the Corporation Yard/Maintenance Facility, where the water flows onto Filbert Street and then flows to the storm drain.
b. The fueling station is located near Filbert Street at the front of the property. No spill kits were evident in the area, including the booth. City staff said that there is a spill kit inside the booth and that people know it is there if they need it.

Required Action #1: The City must clearly label the spill kit located inside the booth.

Corrective Action for #1: The City has demonstrated implementation of Required Action #1 with a picture in its email dated March 3, 2011.

Required Action #2: The City must also put signs on the windows of the booth to clearly identify the location of the spill kit.

Findings Continued

c. The Corporation Yard/Maintenance Facility provides certain City vehicles and equipment covered parking. The paved areas appeared to be free of spills and oil drips.
d. The City maintains its vehicles and equipment inside a building at the Corporation Yard/Maintenance Facility. City staff stated that all vehicle repair work is done inside the building. All used oil and used filter containers are stored inside. When these containers are full, City staff calls for a recycling pick-up. No spills or oil drips were evident outside the vehicle repair building. Spill kits are located inside the building but they were not clearly labeled.

Required Action #3: The City must clearly label the spill kits located in the building.

Corrective Action for #3: The City has demonstrated implementation of Required Action #3 in its email dated March 3, 2011. The City states in this email that the spill response kits in the vehicle service area have been updated and clearly labeled. The email also states that additional mobile response spill kits have been ordered.

Findings Continued

e. There were a number of open 5-gallon buckets sitting outside buildings with "liquid" materials, including paint, stored in them. The buckets were not stored with any Best Management Practices (BMPs).

Required Action #4: The City must store all open buckets of materials with appropriate BMPs and provide training to its staff that use the Corporation Yard/Maintenance Facility on the appropriate BMPs to implement for open buckets of materials.

Corrective Action for #4: The City has demonstrated implementation of Required Action #4 with its email dated March 3, 2011. The City states in this email that the paint buckets at various locations were all removed and staff, including its graffiti abatement volunteers, were instructed not to leave buckets outdoors and exposed to stormwater.

Findings Continued

f. The back portion of the Corporation Yard/Maintenance Facility is unpaved. The paved area ends and the unpaved area begins. This unpaved area houses a number of open dumpsters for materials to be recycled and for trash (all dumpsters are picked up a couple of times each week), piles of sand, and piles of materials used for landscaping. City vehicles drive in and out of the unpaved area all day unloading trash and materials for recycling. Other City vehicles also drive in and out of the unpaved area to load materials for landscaping. Dirt, mud, and landscaping materials are dragged out onto the paved area, where it may eventually get washed into the open shallow ditches and into the storm drain (See Attachment 3, Page 7).

Required Action #5: The City must implement and maintain appropriate BMPs to minimize the drag out of dirt and mud from the unpaved area to the paved area. These BMPs must also be incorporated into the City's Stormwater Pollution Prevention Plan (SWPPP).

Findings Continued

g. In the unpaved area, the City has "fenced" off an area with orange plastic netting for City trucks to dump trash. The area is rectangular and only three sides have the orange plastic netting (See Attachment 3, Pages 9-10). At the end of the day, the trash collected in this area is transferred into a trash dumpster. However, wind blows light trash, such as plastic bags, paper, and styrofoam containers, outside of this temporary trash storage area (See Attachment 3, Pages 9-10). Trash is littered along the back fence. A length of orange plastic netting runs parallel to the southeast property line of the unpaved area to protect the two storm drain inlets located between the orange plastic netting and the Corporation Yard/Maintenance Facility's property fence from pollution. One storm drain inlet is located on the eastern part of the dirt area and the other storm drain inlet is located on the southern part of the dirt area. City staff states that the orange plastic netting serves as a net to keep trash out of the storm drains. But trash is littered on the orange net and inside the fenced off area where the storm drains are located. It is unclear if trash ever enters the storm drains or blows off the property.

h. The two storm drain inlets located in the unpaved area are about 6 inches above the dirt surface and surrounded by two rows of fiber rolls. Between the two rows of fiber rolls is a trench about 6 inches deep and 6 inches wide, all the way around. Even though the top of the outer fiber roll is flushed with the ground surface and the top of the inner fiber roll is flushed with the storm drain inlet, it would be difficult for polluted runoff to pond high enough to enter the storm drains. There is, however, trash in the trenches.

Required Action #6: The City must clean up the trash littered throughout the back, unpaved area of the Corporation Yard/Maintenance Facility.

Corrective Action for #6: The City has demonstrated implementation of Required Action #6 with its email dated March 3, 2011. The City states in this email that the trash seen littered around the unpaved area during the inspection had been cleaned up and that the City cleans up the blown around debris on a more regular basis.

Findings Continued

i. The Corporation Yard/Maintenance Facility has a wash pad. City staff states that the wash water discharges to Union Sanitary District after it has been pretreated in the oil/water separator.

j. Near the dumpsters in the unpaved portion, there was a pile of asphalt grindings, partially covered by a tarp. The tarp was being held down by old tires. The tarp had blown partially off and rain water had collected in the asphalt grindings. City staff states that asphalt grindings are not intended to be a waste material in the Corporation Yard/Maintenance Facility.

Required Action #7: The City must properly dispose of the asphalt grindings.

Corrective Action for #7: The City has demonstrated implementation of Required Action #7 with a picture in its email dated March 3, 2011.

Findings Continued

Stormwater Pollution Prevention Plan

k. Water Board staff was provided a copy of the Corporation Yard/Maintenance Facility's Stormwater Pollution Prevention Plan (SWPPP).
l. On Page 2 of the SWPPP, it states that the facility map shows the "stormwater collection and conveyance system including the direction of stormwater drainage to storm drain inlets at the facility and the locations of any BMPs that prevent stormwater pollution, treat stormwater runoff, or recycle washwaters for discharge to the sanitary sewer". The facility map does not show the two storm drain inlets in the unpaved area nor the BMPs used on those two storm drain inlets. The paved portion of the Corporation Yard/Maintenance Facility does not have

any storm drain inlets. But the facility map should identify the shallow concrete ditches and the direction of stormwater flow out to the street storm drains.

Required Action #8: The City must update the facility map in its SWPPP to show the (a) two storm drain inlets in the unpaved area, (b) the BMPs used on those two storm drain inlets, (c) the shallow concrete ditches that collects the stormwater from the paved areas of the Corporation Yard/Maintenance Facility to the storm drains on the streets, and (d) the direction of stormwater flow from the paved areas out to the street storm drains.

Required Action #9: The City must update the facility map in its SWPPP to show the location of all the spill response kits.

Findings Continued

m. The SWPPP states that appropriate staff has been given training for the General Good Housekeeping BMPs and for each of the six specific activities: (1) vehicle and equipment washing, (2) vehicle and equipment maintenance and repair, (3) fuel dispensing, (4) municipal vehicle, (5) heavy equipment, and (6)employee parking. It also states that refresher training occurs on a regular basis. Water Board staff did not request to review training records associated with the SWPPP.

Required Action #10: The City must keep records on when SWPPP trainings occur, topics discussed, and who on staff was trained. Records do not need to be submitted for this response. In a future inspection, Water Board staff will examine the records.

Findings Continued

n. The SWPPP states under the General Good Housekeeping BMPs that the Corporation Yard/Maintenance Facility is inspected weekly. With an email dated March 3, 2011, the City submitted a copy of the February 15, 2011 inspection form used for the inspection of the Corporation Yard/Maintenance Facility. This inspection was conducted by City staff outside of the Corporation Yard/Maintenance Facility. However, it is unclear whether Corporation Yard/Maintenance Facility staff uses an inspection form that guides it through its SWPPP for its weekly inspections.

Required Action #11: The City must keep records/inspection forms from its weekly inspections. Records do not need to be submitted for this response. In a future inspection, Water Board staff will examine the records.

Findings Continued

o. The SWPPP does not address BMPs to minimize the amount of trash that gets blown outside of the temporary trash storage area. As noted in Finding g., trash from the temporary trash storage area is littered in the back portion of this unpaved area. In the City's inspection form dated February 15, 2011, the inspector noted that loose garbage is picked up twice a day as

required. It is unclear who is requiring the twice a day trash pick up of loose garbage. But this could be one of the BMPs implemented to minimize the amount of trash that gets blown outside of the temporary trash storage area.

Required Action #12: The City must develop and implement BMPs to minimize the amount of trash that gets blown outside of the temporary trash storage area. These BMPs must be incorporated into the City's SWPPP.

Findings Continued

p. The two storm drains in the unpaved area are each surrounded by two rows of fiber rolls. All the fiber rolls were in functional condition. The City's inspection report dated February 15, 2011 required the installation of filter fabric in both of the storm drains. However, the fiber rolls and the filter fabric do need to be maintained to serve their functions.

Required Action #13: The City must incorporate these BMPs into the City's SWPPP, along with BMPs for their maintenance.

Attachment 1

From: Selina Louie
To: soren.fajeau@newark.org
CC: Dale Bowyer; Shin-Roei Lee; jims@acpwa.mail.co.alameda.ca.us; robert....
Date: 1/31/2011 10:56 AM
Subject: Follow -up to Voicemail

Hi Soren,
This is a follow-up to my voicemail regarding my investigation of a complaint against the City of Newark's Corporation Yard. After discussions with management, we are going to call the investigation a program inspection of the City of Newark's municipal stormwater program. The formal inspection report will only focus on my field inspection of the City's Corporation Yard, my review of the Stormwater Pollution Prevention Plan (SWPPP), and the City's overall implementation of C.2.f. of the Municipal Stormwater Permit, Order No. R2-2009-0074 (MRP).

On Tuesday, January 25, 2011, you and Robert McKinney accompanied me during my inspection of the City of Newark's Corporation Yard. Again, this inspection was conducted in response to a complaint against the City of Newark's Corporation Yard. The complaint cited uncovered dumpsters, uncovered piles of dirts, and a partially covered pile of asphalt.

At the conclusion of the inspection, I provided you and Robert the following issues: (1) The trash dumping area that allows trash to blow all over the Yard, (2) the fueling area and vehicle service area needed to have more prominent spill response kits, and (3) the buckets with stuff here and there. The City needs to address these issues immediately and these issues will show up with Required Actions in the formal inspection report.

The formal inspection report will contain the issues listed in the previous paragraph. In addition, it will include additional findings of the inspection and findings on the Corp Yard's SWPPP. The formal inspection report will most likely contain Required Actions with regards to the SWPPP. I have also been having discussions with other staff regarding the partially covered pile of asphalt.

I anticipate on getting the City's inspection report written within two to three months. In the meantime, please submit any filled out Corporation Yard Inspection forms the City may have and any other information you may want me have on the City's implementation of C.2.f. of the MRP. Additional information may include discussions and pictures showing resolution or proposed resolutions for the discussed issues.

It is unlikely that Board staff will conduct a program inspection this fiscal year of any other elements of the City of Newark's municipal stormwater program to assess it compliance with the MRP and the previous permits, Order No. R2-2003-0021 and Order R2-2007-0025.

A big thank you to you and Robert McKinney for accompanying me during the Corp Yard inspection on a very short notice.

Should you have questions, please email or call.

Sincerely,
Selina

Selina T. Louie
SF Bay Regional Water Quality Control Board
slouie@waterboards.ca.gov
(510) 622-2383

Attachment 2

From: SOREN FAJEAU <soren.fajeau@newark.org>
To: Selina Louie <slouie@waterboards.ca.gov>
Date: 3/3/2011 2:45 PM
Subject: RE: City of Newark Corp Yard Visit
Attachments: Paved area pick-up.pdf; Spill Kit modification.pdf; Trash Area - after.pdf; February 15 Inspection Form.pdf; AC grindings - after.pdf

Hi Selina,

The issues identified during your January 25, 2011 visit to the City's Corporation Yard (Newark Service Center) were generally resolved over the course of the next week. To summarize, the following actions were taken:

1. The temporary trash storage area and general vicinity of the rear part of the Service Center was cleaned-up and continues to be cleaned of any loose debris on a more regular basis. The most recent photo taken of the area was on February 15th (attached).

2. The spill response kits for the fueling area and vehicle service area were updated and clearly labeled. Additional mobile response kits were ordered. A picture of the fueling area kit is attached.

3. Paint buckets at various locations were all removed and various personnel, including our graffiti abatement volunteers, were instructed not to leave these buckets outdoors and exposed to stormwater. Items of this nature are to be placed under our overhang.

4. The asphalt concrete grindings pile was removed. Stormwater is no longer accumulating on a tarp at this location (before and after pictures are attached).

Engineering Division staff followed-up with an inspection on February 15th. A copy of this inspection form is also attached.

My understanding from you was that this inspection was the result of a complaint made by SFPUC personnel. However, I did learn that SFPUC personnel were instructed by RWQCB staff to take photos of the area in question and to forward those photos to Board staff. There may have been an internal miscommunication among RWQCB staff regarding the origin of the complaint, but I believe it should be noted in your file that the complaint was in fact generated by the RWQCB staff member who has oversight on the SFPUC (Hetch-Hetchy) project in Newark-Fremont rather than from an outside source.

Please let me know if you need anything else from us and we will look forward to your formal inspection report. I am sending additional photos in a separate email due to potential space limitations.

Best,

Soren

_____

From: Selina Louie [mailto:slouie@waterboards.ca.gov]
Sent: Monday, January 31, 2011 10:56 AM
To: SOREN FAJEAU
Cc: jims@acpwa.mail.co.alameda.ca.us; ROBERT MCKINNEY; Dale Bowyer; Shin-Roei Lee
Subject: Follow -up to Voicemail

Hi Soren,

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The formal inspection report will contain the issues listed in the previous paragraph. In addition, it will include additional findings of the inspection and findings on the Corp Yard's SWPPP. The formal inspection report will most likely contain Required Actions with regards to the SWPPP. I have also been having discussions with other staff regarding the partially covered pile of asphalt.

I anticipate on getting the City's inspection report written within two to three months. In the meantime, please submit any filled out Corporation Yard Inspection forms the City may have and any other information you may want me have on the City's implementation of C.2.f. of the MRP. Additional information may include discussions and pictures showing resolution or proposed resolutions for the discussed issues.

It is unlikely that Board staff will conduct a program inspection this fiscal year of any other elements of the City of Newark's municipal stormwater program to assess it compliance with the MRP and the previous permits, Order No. R2-2003-0021 and Order R2-2007-0025.

A big thank you to you and Robert McKinney for accompanying me during the Corp Yard inspection on a very short notice.

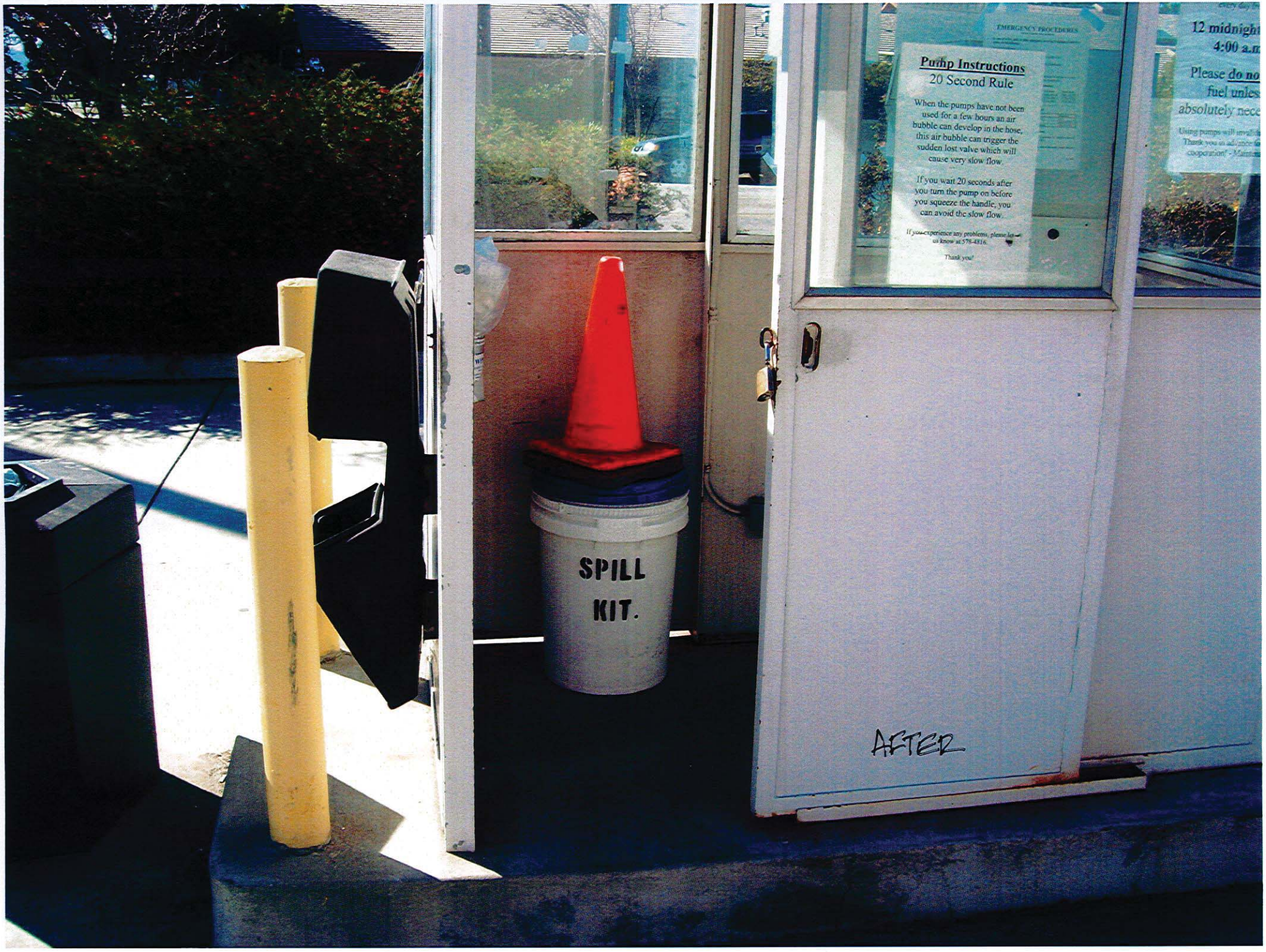
Should you have questions, please email or call.

Sincerely,

Selina

Selina T. Louie
SF Bay Regional Water Quality Control Board
slouie@waterboards.ca.gov
(510) 622-2383

AFTER


EMERGENCY PROCEDURES
Pump Instructions
20 Second Rule
When the pumps have not been used for a few hours an air bubble can develop in the hose, this air bubble can trigger the sudden lost valve which will cause very slow flow.
If you wait 20 seconds after you turn the pump on before you squeeze the handle, you can avoid the slow flow.
If you experience any problems, please let us know at 578-4816.
Thank you!
12 midnight
4:00 a.m
Please do no
fuel unles
absolutely nece
SPILL
KIT.
AFTER

AFTER

Alameda Countywide
Clean Water Program
Standard Stormwater Facility Inspection Report Form

Municipality: CITY OF NEWARK
Date: 2/15/41 Time:
☐ Facility has closed ☐ Facility information has changed

Reason for Inspection: ☐ First Inspection ☐ Routine Inspection ☐ Response to Complaint ☒ Follow-up | Follow-up Inspection Due:

NAME OF FACILITY: CITY OF NEWARK SERVICE CENTER
SITE ADDRESS: 37740 FILBERT STREET

CONTACT NAME: ROBERT McKINNEY / SUSIE WOODSTOCK | PHONE: 510 578 4802 | BUSINESS TYPE/ACTIVITY: CORP YARD | SIC:

Is the property owner different than the facility owner? ☐ yes ☐ no If yes, complete the following: ☐ High Priority Facility
NAME PHONE
MAILING ADDRESS

Is the facility covered under any other programs or permits? (Check all that apply.) ☐ None ☐ Sanitary sewer
☐ Air quality ☐ Hazmat business plan ☐ Underground storage tanks ☐ Aboveground storage tanks
☐ Fire department(hazmat storage) ☐ Hazmat waste generator ☐ Retail food facility ☐ Other

Is the facility covered under a storm water permit? ☐ Does not need Coverage ☒ No, but may need to be (Refer to Water Board)
☐ Individual ☐ General: Does the facility have a SWPPP? ☒ yes ☐ no

N/A = Not Applicable; PTNL = POTENTIAL for Pollutant Discharge: 1 = low potential, 2 = medium potential, 3 = high potential
BMP effectiveness: 0 = BMPs are effective, 1 = BMPs are fairly/almost effective, 2 = BMPs are not effective, 3 = No BMPs are implemented
NSW = Non-Stormwater Discharge

AREAS OF ACTIVITY	N/A	Potential PTNL	Effect-iveness BMP	Actual Discharge NSW	REMARKS: Describe recommendations, requirements, and time to implement. Check box if remark is a requirement
A. Outdoor Process/Manufacturing Areas	/				☐
OK B. Outdoor Material Storage Areas		1	3		☒ SEE #1 BELOW (COMMENT ADDRESSED) TO BE MONITORED.
OK C. Outdoor Waste Storage/Disposal Areas		2	3		☒ SEE #2 BELOW (COMMENT ADDRESSED)
D. Outdoor Vehicle and Heavy Equipment Storage, Maintenance Areas		2	0		☒
E. Outdoor Parking Areas and Access Roads		1	0		☒
F. Outdoor Wash Areas		2	0		☒
G. Rooftop Equipment	/				☐
H. Outdoor Drainage from Indoor Areas	/				☐
I. Other (describe):		3	1		☒ FILTER FABRIC REQ'd IN CBs

COMMENTS/REMARKS/REQUIREMENTS Structural Control present ☐ Maintenance required in storm drain system ☐ yes ☐ no

OK 1. CRUSHED GRAVEL, DRAIN ROCK, SAND PILES, AND MULCH APPEAR TO BE STABILIZED. NO EVIDENCE OF EROSION BY WIND OR RUNOFF. STAFF WILL MONITOR.

OK 2. LOOSE GARBAGE PICKED UP 2X/DAY OR AS REQ'd. GARBAGE WILL CONTINUE TO BE PILED ON PAD. AT THE END OF EACH WORKING DAY, ALL GARBAGE WILL BE PLACED IN CONTAINERS FOR PICK UP BY WASTE MANAGEMENT. STAFF WILL MONITOR CLOSELY.

STILL APPLIES 3. PLACE FILTER FABRIC IN BOTH CATCH BASINS. PICK UP LOOSE GARBAGE AROUND CBs

Number of BMP brochures distributed? ☐ Describe: ☐ See attached for more comments.

PRIORITY FOR RE-INSPECTION: ☐ 1; First ☐ 2; Second ☐ 3; Third | ☐ Referred to; Details:

ENFORCEMENT: ☐ None ☐ Verbal Notice ☐ Administrative Action ☐ Administrative Action w/ Penalty &/or Cost Recovery ☐ Legal Action
☐ Warning Notice

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Facility Representative: ROBERT McKINNEY Inspector: MICHAEL CARMEN

AFTER

Attachment 3

Newark Corporation Yard Inspection

January 25, 2011

The portions of the Corp Yard that have concrete and asphalt do not have storm drains. Shallow concrete ditches collect water from these areas and transport them to the front of the property, on Filbert Street, where the water enters the street and flows to the storm drain.

Fueling area is located at the front of Newark's Corporation Yard. The spill kit is inside the booth but it is not readily evident.

Wash pad drains to Union Sanitary District.

Beyond the vehicle storage area, the Corp Yard is not paved. It is dirt.

The dirt area stores the recycling and trash dumpsters, landscape materials and sand. Dumpsters are emptied regularly during the week.

The materials used for landscaping are sitting in the dirt area but they gets dragged out onto the paved area, into the open shallow, where water could carry the landscaping materials into the storm drain on the street. The white “Y” barrier is being used to keep the materials from migrating to the left of the orange “fence” material, where there are two storm drains.

Concrete grindings are partially covered by a tarp on the dirt area. The tarp is being held down by tires.

The area inside the orange “fence” material is used by staff to dump trash throughout the day. Once a day, the trash gets scooped into the trash dumpster. The orange “fence” is used by the City to keep trash contained in the fenced area. However, trash has blown outside of the fenced area. The left picture shows the back fence of the Corp Yard littered with trash.

More orange “fencing” spans one side of the dirt area where two storm drains are located. Staff states that the “fencing” is used to keep out trash. But trash is littered inside the fenced off area. It is unclear if any trash makes it into the storm drain inlets. Both storm drains are about 6 inches above the ground surface and surrounded by two rows of fiber rolls. It would be difficult for polluted runoff to pond high enough to enter the storm drains.

California Regional Water Quality Control Board
Santa Ana Region

Linda S. Adams
Secretary for Environmental Protection

3737 Main Street, Suite 500, Riverside, California 92501-3348
Phone (951) 782-4130 • FAX (951) 781-6288
www.waterboards.ca.gov/santaana

Arnold Schwarzenegger
Governor

October 28, 2010

John Kappeler
City of Newport Beach
PO Box 1768
Newport Beach, CA 92658

RESULTS OF THE CITY OF NEWPORT BEACH STORM WATER PROGRAM AUDIT – EXISTING DEVELOPMENT ELEMENT – SEPTEMBER 16, 2010

Dear Mr. Kappeler:

This letter summarizes Regional Board staff conclusions regarding the Existing Development Element of the City of Newport Beach ("City") Storm Water Program following an audit on September 16, 2010. These conclusions are based on information gathered by Regional Board staff during the audit, as well as information previously submitted as part of the Annual Progress Report in the form of the City's Program Effectiveness Assessment ("PEA") and the City's July 2003 Local Implementation Plan.

The principal purpose of the audit was to evaluate the City's compliance with the conditions and requirements of the Orange County Municipal Separate Storm Sewer System ("MS4") Permit, Order Nos. R8-2009-0030 and R8-2002-0010, NPDES Permit No. CAS618030. Both Order Nos. R8-2009-0030 and R8-2002-0010 were considered because the City activities that were reviewed during the audit occurred during the periods when each of these orders were in effect. Regional Board staff's observations and conclusions are as follows:

The City's storm water inspection programs are integrated with its traditional inspection programs. City staff has adapted many of its existing resources to address the requirements of the MS4 Permits. The City's adaptations include organizational changes that integrate water quality with its more traditional code enforcement activities. Notable is that the organizational changes are explicit – a City division has been named "Code and Water Quality Enforcement". City staff has also adapted its information management systems and code enforcement inspection procedures to incorporate storm water issues into inspections.

City staff enjoys relatively strong managerial support for its storm water inspections programs. This support is evidenced by the name of the Code and Water Quality Enforcement Division, which provides a strong statement to the public of its purpose and priorities. This support is also evidenced by the City's organizational structure,

where the Code and Water Quality Enforcement Division answers directly to the Assistant City Manager, rather than being a smaller group within Public Works or another division.

City staff is subject to public oversight by an engaged constituency. The City has accommodated public oversight by forming a citizen's advisory group that provides input into the City's Storm Water Program. City staff is also regularly engaged by non-governmental organizations. This public oversight influences City priorities, including how City staff prioritizes its businesses for inspection, and appears to influence the attitudes and actions of local business owners.

City staff was unable to readily demonstrate that the appropriate personnel had received adequate training to implement the City's Existing Development Element. City staff was able to provide records of training, but those records were not organized in a way that allowed Regional Board staff to readily conclude that adequate training is being provided.

The City's business inventory is complicated by an inclusive definition of 'doing business' and "vanity" business addresses. In some cases, businesses operate in other local municipalities but use an address, usually a PO Box, in Newport Beach for marketing purposes. In other cases, a business may operate elsewhere but have job sites in Newport Beach, necessitating their inclusion in the City's business inventory according to the municipal code. As a consequence, the City's inventory of businesses subject to commercial or industrial inspections is a small subset of businesses 'doing business' within the City; roughly less than 2 percent of all businesses doing business within the City are part of its inspection inventory. City staff uses database screening, field inspections, and other methods to separate its inspection inventory from the City's business inventory.

City staff does not systematically track its response to referrals from Orange County Health Care Agency ("OCHCA") from inspections of eating and drinking establishments. Section C-6 of the 2003 DAMP commits the permittees to conduct follow-up inspections at businesses where OCHCA staff find water quality issues during their inspections. City staff asserts that they routinely receive referrals from OCHCA and that the referrals are followed up on. However, City staff does not appear to have a mechanism in place to demonstrate that they follow-up on these referrals.

The City has recently deployed a relatively advanced relational database which cannot be directly transmitted to the Regional Board as part of the Annual Report. City staff expects that the database places them in position to comply with the inspection requirements of Order No. R8-2009-0030. However, because the database is developed from specialized licensed software which the Regional Board does not have, the database cannot be transmitted directly to the Regional Board as part of the Annual

Report. City staff will be able to transmit the contents of the database using common software, but not its functionality. It is not clear whether the City will be able to meet the Permit requirements for inspection reporting.

Regional Board staff did not find any violations of the conditions and requirements of Order Nos. R8-2009-0030 and R8-2002-0010 during the audit. However, as indicated above, we did find deficiencies in record keeping for staff training, for follow-up inspections for OCHCA referrals and a possible deficiency in the capability to fully report inspection results. By November 19, 2010, please submit to this office a response letter, identifying the steps that have been/will be taken by the City to address the deficiencies noted in this audit report. If you have any questions, please contact Adam Fischer at afischer@waterboards.ca.gov or at (951) 320-6363.

Sincerely,

Mark E. Smythe
Section Chief
Coastal Storm Water Unit

cc: County of Orange – Richard Boon

California Regional Water Qu
Santa Ana Regic

Linda S. Adams
Secretary for Environmental Protection

3737 Main Street, Suite 500, Riverside, Calif
Phone (951) 782-4130 • FAX (951) 781-6288 •
www.waterboards.ca.gov/santa

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Total Postage & Fees	$

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7008 1140 0002 4103 2070

Sent To: Bill Thompson PW Dir
Street, Apt. No.; or PO Box No.: City of Norco 2870 Clark Ave.
City, State, ZIP+4: Norco, CA 92860

PS Form 3800, August 2006 See Reverse for Instructions

June 30, 2010

Mr. Bill Thompson, Public Works Director
City of Norco
2870 Clark Ave.
Norco, CA 92860

RETU

NOTICE OF VIOLATION OF THE AREAWIDE URBAN STORM WATER PERMIT FOR RIVERSIDE COUNTY AND THE INCORPORATED CITIES, NPDES PERMIT NO. CAS618033, ORDER NO. R8-2010-0033 (MS4 PERMIT)

Dear Mr. Thompson:

On May 27, 2010, we conducted a focused program evaluation of the City of Norco's storm water program. Michael Roth, Nam Nguyen and Keith Elliott of this office met with Bill Thompson, Lori Askew and Ken Swank from the City at the Norco City Hall. The purpose of the evaluation was to assess the City's new horse manure collection program and review some aspects of the New Development program including the review, approval and implementation of Water Quality Management Plans (WQMP). We also discussed horse trail erosion control issues and inspected two sites with approved WQMPs.

It appears that the City is implementing a horse manure control program that manages most of the horse manure generated within the City. The City also has a program that addresses several drainage issues that cause erosion of the horse trails. The WQMPs are being regularly developed for new developments in the City. However, the City does not ensure that the post-construction BMPs specified in the WQMPs are always fully implemented, as described below.

We found the following violations with respect to post-construction BMP implementation:

The City did not comply with Section XII.A.8 of the MS4 Permit by failing to verify the implementation of project-specific WQMPs prior to issuance of certificates of occupancy as described in Section 2.2 of the WQMP Guidance[1]. We reviewed the WQMP for a Bob's Big Boy, a restaurant, which is currently occupied. The WQMP stated that one of the post-construction BMPs for the site is an inlet filter on each of the parking lot inlets. We could not locate this BMP during our inspection. Runoff from the parking lot flows into the inlet, but no filters were installed in the inlets. During the Notice of Termination inspection for the site in September of 2009, we discussed getting inlet filters installed with the

[1] Riverside County Water Quality Management Plan for Urban Runoff

developer's engineer. We also contacted City staff to inquire about the approved post-construction BMPs for the site. But City staff did not verify the post-construction BMPs at the site. During the 2006 MS4 audit, we found a similar situation at the Walgreens Store location that was occupied, prior to implementing the post-construction BMPs. The City's failure to fully implement the WQMP requirements at the Bob's Big Boy Restaurant appears to be a recurring violation.

Section XII.I of the MS4 Permit requires the City to conduct a verification inspection of post-construction BMPs specified in approved WQMPs. This is the second time that we found that post-construction BMPs were not installed as specified in the approved WQMP. It is critical that the City fully implement the WQMP requirements and ensure that the post-construction BMPs in the approved WQMPs are installed and are operational.

We have the following additional comments and recommendations to improve the City's WQMP approval process and the City's horse manure and horse trails programs:

A. It was not clear when the Public Works Department gets involved in the review of the WQMP. We suggest that they get involved in the early stages of a project to ensure successful implementation of low impact development (LID) BMPs such as disconnection of impervious surfaces.

B. We noted that the WQMPs did not clearly indicate where the structural post-construction BMPs were going to be located. We recommend that the City require future WQMPs to include a site layout that identifies the location of the post-construction BMPs, description of maintenance activities and other applicable information identified in Section 4.6 of the WQMP Guidance.

C. The WQMP for the Norco Retail Center on 6th Street listed that trash & debris were expected, but they were not listed as pollutant sources. Even though trash is not a 303(d) listed pollutant in the downstream water body, the WQMP should have specified control measures for that pollutant since it was expected. However, in this case, it appears that the City agreed to no treatment controls since the WQMP also listed weekly parking lot sweeping and monthly cleaning of the detention basin. In addition, several fossil filters were shown on the plan for the inlets at the site. The WQMPs should explain how the BMPs selected control the expected pollutants.

D. The City has an active program for horse manure management. Houses with horses, but without manure pickup are identified by the Code Enforcement Unit. The City's residents are generally cooperative and two City staff each spends about 2 hours per week talking to people about manure pick-up requirements. Sites with manure stockpiles have been required to clean-up. We noted that one site had approximately 10 feet of manure. We recommend that the City periodically evaluate this program to determine its effectiveness and to determine if changes need to be made.

E. The City is implementing improvements to the 121 miles of horse trails to help minimize erosion. Curb and gutters are being installed to prevent street runoff from eroding the horse trails. Old "mountain" inlets are being repositioned to fit in the gutter instead of in the trail. Some locations are installing chevrons in the trails made out of paving bricks. Some areas are having pilot polymer installations done, e.g. 5th Street between Corydon and the state prison. The City is implementing $383,000 of improvements to the trails this year. As in D above, we recommend that the City periodically evaluate the performance of these erosion control measures.

Please submit a schedule and program to us by July 30, 2010 indicating the actions that have been, or will be taken to bring the City into full compliance with the terms and conditions of the MS4 Permit. Failure to submit the above requested information or comply with the requested actions may result in further enforcement action.

If you have any question, please contact Michael Roth at (951) 320-2027, or Milasol Gaslan at (951)782-4419.

Sincerely,

Michael J. Adackapara
Division Chief

Cc: Lori Askew, City of Norco, laskew@ci.norco.ca.us
Jason Uhley, Riverside County Flood Control District NPDES Coordinator, juhley@co.riverside.ca.us

California Regional Water Quality Control Board
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Arnold Schwarzenegger
Governor

August 2, 2010

Chris Crompton
Orange County Public Works
300 North Flower Street
Santa Ana, CA 92702-4048

RESULTS OF THE COUNTY OF ORANGE STORM WATER PROGRAM AUDIT – PUBLIC EDUCATION ELEMENT, MAY 27, 2010

Dear Mr. Crompton:

This letter summarizes Regional Board staff conclusions regarding the Public Education Element of the Orange County ("County") Storm Water Program following an audit on May 27, 2010. The audit focus was on the County's role as the Principal Permittee. These conclusions are based on information gathered by Regional Board staff during the audit, as well as information previously submitted as part of the Annual Progress Report in the form of the County's Program Effectiveness Assessment ("PEA") and the 2003 Drainage Area Management Plan ("DAMP").

The principal purpose of the audit was to evaluate the County's compliance with the conditions and requirements of the Orange County Municipal Separate Storm Sewer System ("MS4") Permit, Order No. R8-2009-0030, NPDES Permit No. CAS618030 ("Order No. R8-2009-0030"). In addition, Regional Board staff attempted to evaluate the effectiveness of the permittee's Public Education efforts as administered by the County. The permittees are required to prepare PEAs and, as part of that effort, develop appropriate metrics. Since a complete set of metrics has not been developed by any of the permittees, Regional Board staff is only able to provide the following conclusions based upon our own subjective criteria:

The Public Education program is dynamic, involving redirection of resources to different media outlets in order to take advantage of changing market conditions. These changes can provide opportunities for the permittees to receive discounts and other incentives that otherwise would make expenditures in a particular media outlet unattractive. Market changes occur in the short term and are not always planned for in the annual work plan and cannot be anticipated in the DAMP over its 5-plus year planning horizon. Consequently, making relatively long-term commitments of resources to specific media outlets in the DAMP is disadvantageous to the program.

Decisions to expend public education resources are driven in some part by a need to provide their equitable distribution among the various permittees' jurisdictions. There is no evidence that this objective currently conflicts with Permit requirements, but there is the

potential for the permittees to forego highly beneficial public education opportunities if it would cause some permittees' jurisdictions to be disproportionately neglected.

The County does not aggressively assure the integrity of Public Education data provided in the Annual Report. County staff provides bi-annual training to permittee staff which includes how to count impressions from various media. Related literature is made available to the permittees' staff prior to submittal of Annual Report data. County staff also provides counts of impressions to permittees by jurisdiction in order to allow them to self-evaluate their data in relation to others. But County staff does not review the permittees' underlying calculations or challenge suspect data.

It should be noted that the Permit does indirectly require that the County assure the integrity of data submitted by others through Provision IV.1. of the Permit, which requires that the principal permittee sign "progress reports and proposed strategies and plans" under penalty of perjury. Permittees are also required to submit data to the principal permittee, signed under penalty of perjury, pursuant to Provision IV.3. of the Monitoring and Reporting Plan. Updates to the DAMP should include a description of measures that the permittees will implement to assure the integrity of data (i.e. use of standardized accounting methods, routine training and resource availability, comparative reporting, and collection of signatures).

The County's program with its Health Care Agency ("HCA") appears to have been neglected. The permittees' outreach to eating and drinking establishments relies heavily on HCA's inspection program to inspect and educate owners and operators of these businesses. The PEAs document very little overlap between inspections by HCA staff and permittees' staff. The DAMP indicates that outreach to eating and drinking establishments would occur through "intensive training" of HCA staff with educational materials distributed by those staff during inspections. Discussion with County staff during the audit indicates that HCA staff has been equipped with four areas of water quality that they will inspect as part of completion of inspection report forms. If a water quality concern is discovered, the matter is to be referred to the local municipality for further follow-up.

The DAMP omits this referral step in the inspection process. The 2008-2009 PEA indicates that 25,027 inspections of 12,915 facilities occurred with 2,096 "stormwater management issues" noted. The unified PEA does not indicate that referrals occurred; what the response rate was to those referrals by the permittees; or that any enforcement occurred by the permittees. The reporting loop, as it would describe the permittees' practices, is incomplete. In addition, "intensive training" occurred sometime in 2002-2003 with speculation by County staff that one follow-up training event occurred. But it is possible that follow-up training and training of new HCA employees has not occurred for the last 7 years.

The County's public education program has evolved significantly since the July 1, 2003 DAMP was finalized and substantial updates, beyond those needed to reflect the recent adoption of the Permit, will be necessary in order for it to fully reflect the program as it is practiced. County staff recognizes that the current DAMP is in need of an update and a

draft was provided in 2007 with the permittees' submittal of a report of waste discharge. However, with the changes to the program requirements that were adopted as part of the 2009 Permit, an update to that 2007 draft DAMP needs to be performed (part of which includes the Model Water Quality Management Plan (MWQMP) that is in the process of being revised.) County staff appears to have independently made various minor, but important, process improvements in the program that are not reflected in the current DAMP. As a result, the program is not entirely transparent and readily monitored; strict enforcement of the DAMP could also potentially require County staff to revert to ineffective processes that they have abandoned.

The July 1, 2003 DAMP does not fully describe all considerations made by the permittees in allocating their public education resources. As noted above, equitable resource distribution among the jurisdictions is one consideration that is not described in the July 1, 2003 DAMP. The permittees also re-allocate resources based on trends in use rates of various media. In addition, the use of statistically-valid surveys, conducted approximately every 2 to 3 years, to guide allocation decisions is not fully described and is barely given passing notice in the current DAMP. In order for the DAMP to be transparent to Board staff for compliance monitoring and transparent to the public, updates to the DAMP will need to fully reflect current best program management practices and decision-making considerations.

By September 2, 2010, please submit to this office a response letter, identifying the steps that have been/will be taken by the County to address the deficiencies noted in this audit report. If you have any questions, please contact Adam Fischer at afischer@waterboards.ca.gov or at (951) 320-6363.

Sincerely,

Mark E. Smythe
Section Chief
Coastal Storm Water Unit

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) CONSTRUCTION PROGRAM COMPLIANCE INSPECTION

REPORT DATE:
February 22, 2010

EVALUATION CONDUCTED:
November 30, 2009 – December 3, 2009

CITY OF OXNARD, CALIFORNIA

United States Environmental Protection Agency
Region 9
75 Hawthorne Street
San Francisco, CA 94105-3901

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Section 1.0 Introduction

PG Environmental, LLC, a U.S. Environmental Protection Agency (EPA) contractor (hereafter, EPA Contract Inspector), conducted an inspection of the City of Oxnard's Municipal Separate Storm Sewer System (MS4) Construction Program on November 30, 2009 – December 3, 2009. Discharges from the MS4 are regulated under the *National Pollutant Discharge Elimination System (NPDES) Permit No. CAS004002, Regional Board Order No. R4-2009-0057* (hereafter, the Permit), adopted on May 7, 2009 by the California Regional Water Quality Control Board, Los Angeles Region (hereafter, Regional Board). The purpose of the inspection was to assess the City of Oxnard's (hereafter, City) compliance with the construction-related requirements of the Permit. A copy of the Permit is included as Appendix B.

The inspection focused specifically on construction-related components of the City's MS4 Program (e.g., construction site tracking, inspections, site plan review process, enforcement activities, and training). As such, the inspection was not intended to be a comprehensive evaluation of all components and requirements associated with the entire MS4 program.

The City's MS4 program was evaluated with regard to the following areas of the Permit:

- **Part 3.A.1** – "Each Permittee shall, at a minimum, adopt and implement applicable terms of this Order within its jurisdictional boundary….This Order shall be implemented no later than August 5, 2009, unless a later date has been specified for a particular provision in this Order and provided the Regional Administrator of the U.S. EPA has no objections."
- **Part 4.F.(I)** – "Each Permittee shall implement a construction program that prevents illicit construction-related discharges of pollutants into the MS4, implements and maintains structural and non-structural BMPs to reduce pollutants in storm water runoff from construction sites, reduces construction site discharges of pollutants from the MS4 to the MEP [Maximum Extent Practicable], and prevents construction site discharges from the MS4 from causing or contributing to a violation of water quality standards."
- **Part 4.F.(I)1.(a)** – BMP Implementation - Construction Sites Less Than One Acre. "Each Permittee shall require the implementation of an effective combination of erosion and sediment control BMPs from Table 6 to prevent erosion and sediment loss, and the discharge of construction wastes."[1]
- **Part 4.F.(I)2.(a)** – BMP Implementation - Construction Sites One Acre but Less than 5 acres. "Each Permittee shall require the implementation of an effective combination of appropriate erosion and sediment control BMPs from Table 7 in

[1] The BMPs are taken from the *California BMP Handbook, Construction, January 2003* and the *Caltrans Stormwater Quality Handbooks, Construction Site Best Management Practices (BMPs) Manual, March 2003*, and addenda.

addition to the ones identified in Table 6 to prevent erosion and sediment loss, and the discharge of construction wastes."

- **Part 4.F.(I)3.(a)** – BMP Implementation - Construction Sites 5 acres and Greater. "Each Permittee shall require the implementation of an effective combination of the following BMPs in Table 8 (BMPs at Construction sites 5 acres or greater) in addition to the ones identified in Table 6 (BMPs at Construction sites less than 1 acre) and Table 7 (BMPs at Construction sites 1acre or greater but less than 5 acres) at all construction sites 5 acres and greater to prevent erosion and sediment loss, and the discharge of construction wastes. Erosion control BMPs shall be preferred to sediment control BMPs."
- **Part 4.F.(I)4** – Enhanced Construction BMP Implementation.
- **Part 4.F.(I)5** – Local Agency Requirements.
- **Part 4.F.(I)7** – Electronic Site Tracking System – "Each Permittee shall use an electronic system to track grading permits, encroachment permits, demolition permits, building permits, or construction permits (and any other municipal authorization to move soil and/or construct or destruct that involves land disturbance) issued by the Permittee."
- **Part 4.F.(I)8** – Inspections.
- **Part 4.F.(I)9** – State Conformity Requirements.
- **Part 4.F.(I)10** – Interagency Coordination.
- **Part 4.G.(I)1** – Public Construction Activities Management.

As a means of assessing compliance, the EPA Contract Inspector conducted five individual inspections of facilities located in the jurisdictional boundaries of the City's MS4. All of the facility's were construction sites where the owner or operator had obtained coverage under the *California State Water Resources Control Board (SWRCB) Order No. 99-08-DWQ, NPDES General Permit No. CAS000002 for Discharges of Storm Water Runoff Associated with Construction Activity*, adopted on August 19, 1999 (hereafter, Construction General Permit). The purposes of the Construction General Permit inspections were to (1) assess the adequacy, appropriateness, and maintenance of best management practices (BMPs) employed for construction activities to prevent and reduce storm water pollution, and (2) gauge the overall effectiveness of the City's construction oversight activities. Individual reports for the Construction General Permit inspections are provided in Appendix C. The EPA Contract Inspector also visited several additional construction sites that appeared to have been abandoned and facility representatives were not available onsite. Full inspections were not conducted at these sites and therefore individual inspection reports were not generated for these site visits. The site visits are discussed in further detail below in Section 2.1. Table 1 provides a list of the facilities at which Construction General Permit inspections were conducted.

Table 1. Construction General Permit Inspections Conducted November 30–December 2, 2009

Waste Discharge Identification (WDID) No.	Facility Name	Facility Location	Inspection Date / Date Visited	Construction General Permit Inspection No.[2]
4 56C355187	Bartolo Square N. St. & Utility Improvement Project Phase I	1279 J St., Oxnard	12/1/2009	1
4 56C351460	Homewood Suites	1950 Solar Dr., Oxnard	12/1/2009	2
4 56C351359	Rose Oxnard Center	Rose Ave. & Channel Islands Blvd., Oxnard	11/30/2009	3
4 56C346953	St Pauls Baptist Church	Statham & Pacific Emerson, Oxnard	11/30/2009	4
4 56C352304	Destination	Myrtle Ave, Oxnard	12/2/2009	5

Pursuant to Regional Board direction, the EPA Contract Inspector assessed the adequacy of the City's construction oversight activities for small construction sites[3], in consideration of the potential to recognize the City's municipal construction program as a qualifying local program. The five Construction General Permit inspections were all conducted within the City's MS4 permit area at facility's that qualify as small construction sites.

In addition to the Construction General Permit inspections, the EPA Contract Inspector also evaluated compliance through an interview session with representatives from the City's Public Works Department and Water Resources Department, as well as a series of records requests and reviews. The sign-in sheet for the December 3, 2009 meeting with the City representatives is presented in Appendix A. The primary representatives involved in the inspection were the following:

City of Oxnard: Mark Pumford, Technical Storm Water Manager
Nora Reyes, Senior Storm Water Inspector
David Harper, Development Services Inspector
Paul Wendt, Supervising Civil Engineer

EPA Contract Inspector: Jared Richardson, PG Environmental, LLC

[2] The Construction General Permit Inspection Number corresponds to the inspection report included in Appendix C.

[3] Storm water discharge associated with small construction activity means the discharge of storm water from construction activities that result in land disturbance of equal to or greater than one acre and less than five acres. Small construction activity also includes the disturbance of less than one acre of total land area that is part of a larger common plan of development or sale, if the larger common plan will ultimately disturb equal to or greater than one and less than five acres.

Dry weather conditions were experienced throughout the inspection. Weather history reports[4] indicated that no precipitation fell in the City of Oxnard area during the week prior to the inspection activities. In addition, weather history reports indicated about 1.65 inches of precipitation fell in the City of Oxnard area December 7-12, 2009, during the week following the inspection.

[4] Weather history reports for the City of Oxnard obtained from the National Weather Service Web site (http://www.weather.gov/climate/index.php?wfo)

Section 2.0 Permit Compliance Review

The EPA Contract Inspector conducted an evaluation of the City's MS4 Development Construction Program to assess compliance with the requirements of the Permit. The Permit has an adoption date of May 7, 2009, and as required by Part 3.A.1 of the Permit, "This Order shall be implemented no later than August 5, 2009,…" It should be noted that this implementation date was confirmed through communication between the EPA Contract Inspector and the Los Angeles Regional Water Quality Control Board following the inspection.

The EPA Contract Inspector identified several deficiencies (hereafter, inspection findings) regarding compliance with the Permit. The presentation of inspection findings in this section of the report does not constitute a formal compliance determination or violation. Additionally, this section of the report provides recommendations for how the City might improve the design and implementation of its current Storm Water Quality Management Program and also identifies program deficiencies that represent areas of concern for effective program implementation. All referenced documentation used as supporting evidence is provided in Appendices C and D. For clarity, items that require response are <u>underlined</u> while recommendations are presented in *italic*.

Section 2.1 Development Construction Component

Part 4.F.(I) of the Permit requires the City to "implement a construction program that prevents illicit construction-related discharges of pollutants into the MS4, implements and maintains structural and non-structural BMPs to reduce pollutants in stormwater runoff from construction sites, reduce construction site discharges of pollutants from the MS4 to the MEP, and prevents construction site discharges from the MS4 from causing or contributing to a violation of water quality standards."

As a component of the inspection, the EPA Contract Inspector conducted five individual inspections of facilities located in the jurisdictional boundaries of the City and/or served by the City's MS4 to assess compliance with the Construction General Permit. Four of the sites were private development projects while one of the sites was a public project administered by the City. The EPA Contract Inspector also visited sixteen additional construction sites that appeared to have been abandoned or stabilized. Full inspections were not conducted at these sites; however, observations made at select sites are included in the discussion below.

A number of site deficiencies were identified during the Construction General Permit inspections and summary observations pertaining to these sites are presented below in Section 2.0, as it relates to the City's oversight obligations under its MS4 permit. Note that the summaries below do not necessarily describe all findings presented in the associated inspection reports. See Appendix C for the detailed Construction General Permit inspection reports and associated photo- documentation.

Following the individual construction site assessments, additional observations are presented which directly pertain to the City's programmatic oversight obligations under its MS4 permit.

Public Project: Bartolo Square N Street & Utility Improvement Project Phase I located mostly on J Street, Oxnard, CA

The construction project was administered by the City and they were the Permittee under the Construction General Permit. The project included the re-construction of J Street from Wooley Road to Hemlock Street, repave/overlay Hill Street, and remove existing CIP water pipe and replace with new PVC water pipe on Hill Street and J Street. The total disturbed area of the project was approximately 2 acres. As described by the Facility Representative present for the inspection, the City's Construction Inspector and the general contractor's inspector conduct inspections of the site to ensure compliance with the Construction General Permit. Several deficiencies were noted during the site inspection, as described below. The Construction General Permit inspection report for this site is included as Appendix C, Inspection No. 1.

A visible discharge of sediment to the City of Oxnard's MS4 was observed during the inspection as described below. Specifically, an excavation for a waterline connection at the intersection of Hill Street and Ventura Boulevard was being dewatered via a sump pump and hose to the Hill Street and S. Ventura service road crosspan which drains to a nearby storm drain inlet. No BMPs were implemented in the disturbed excavation area, on the impervious surfaces, or at the end of hose discharge point (see Appendix C, Inspection No. 1, Finding 4, Photograph 1). As a result, a sediment-laden discharge was observed to the storm drain inlet, a component of the City of Oxnard's MS4, located on the S. Ventura service road at the Hill Street intersection (see Appendix C, Inspection No. 1, Finding 4, Photographs 2 through 6). In addition, appropriate BMPs for storm drain inlet protection were not implemented. For example, the SWPPP stated that the California StormWater Quality Association (CASQA) - Storm Water BMP Handbook for Construction SE-10 "Storm Drain Inlet Protection" BMP would be utilized for all storm drain inlets; however, this had not been implemented in the field. Several gravel bags and a piece of geotextile fabric draped over the curb inlet had been implemented instead of the CASQA SE-10 BMP (see Appendix C, Inspection No. 1, Finding 4, Photographs 3 through 6). This was further contributing to an active sediment-laden discharge, and sediment and debris accumulation within the inlet (see Appendix C, Inspection No. 1, Finding 4, Photograph 6).

BMPs were not implemented to prevent the transport of sediment into Hill Street and S. Ventura service road from the disturbed waterline excavation area (see Appendix C, Inspection No. 1, Finding 5, Photograph 1). BMPs were not implemented for perimeter control around the disturbed excavation area and sediment accumulation was visible in Hill Street and S. Ventura service road (see Appendix C, Inspection No. 1, Finding 5, Photographs 7, 8, and 9). The facility's Storm Water Pollution Prevention Plan (SWPPP) stated that the CASQA SE-7 "Street Sweeping and Vacuuming" BMP would be

implemented if sediment was tracked/transported onto the roadways; however, this had not been implemented in the field. As a result, there was a release of sediment to the Hill Street roadway and adjacent sidewalk, and there was a potential for the discharge of sediment to the adjacent storm drain inlet, which is connected to the City of Oxnard MS4.

Adequate BMPs were not implemented to prevent the discharge of sediment from the sand/soil stockpile located east of the Hill Street and J Street intersection (see Appendix C, Inspection No. 1, Finding 6, Photographs 10, 11, and 12). The fiber roll BMPs were not properly installed (e.g., not properly staked, entrenched in the ground, or tightly abutting) as specified by the CASQA BMP "SE-5 Fiber Roll" detail described in the facility's SWPPP. Furthermore, the fiber roll BMP did not encompass the entire sand/soil stockpile to prevent the discharge of sand/sediment to the adjacent sidewalk, roadway, and curb and gutter flowline. As a result, there was a potential for the discharge of sand/sediment to Hill Street and subsequent City of Oxnard storm drain system.

Adequate BMPs were not implemented or maintained to prevent the discharge of sediment to the storm drain inlets located near the intersection of Hemlock Street and J Street (see Appendix C, Inspection No. 1, Finding 7, Photographs 13 and 14). Sediment and debris accumulation was visible adjacent to the inlets (see Appendix C, Inspection No. 1, Finding 7, Photographs 13 and 14). Furthermore, the facility's SWPPP indicated that the CASQA BMP "SE-10 Storm Drain Inlet Protection" would be implemented for all storm drain inlets; however, this particular BMP configuration was not implemented in the field. As a result, there was a potential for the discharge of sediment to the City of Oxnard MS4.

Adequate BMPs for waste handling and disposal of construction materials and construction waste were not implemented to prevent the contribution of pollutants to storm water runoff. Specifically, concrete waste, asphalt premix, and trash and debris were observed uncovered and uncontained at the construction yard/storage area located at the southeast corner of Wooley Road and G Street (see Appendix C, Inspection No. 1, Finding 8, Photographs 15, 16, and 17). The facility's SWPPP stated that CASQA BMPs "WM-3 Stockpile Management, WM-5 Solid Waste Management, and WM-8 Concrete Waste Management" would be implemented for waste management and disposal; however, these BMPs were not implemented in the field. As a result, there was a potential for the contribution of pollutants to storm water runoff and potential for the discharge of pollutants offsite from the construction yard/storage area. The City must require the implementation of an effective combination of the BMPs specified in the MS4 permit to prevent erosion and sediment loss, the discharge of construction wastes, and illicit construction-related discharges of pollutants into the City's MS4.

The City's SWPPP was not signed and dated by the landowner (discharger) and/or a duly authorized representative. Section 100 of the SWPPP titled "Certifications and Approval" was included in the SWPPP with the applicable certification statement; however, it had not been signed and dated at the time of the inspection (see Appendix C, Inspection No. 1, Finding 2.c). The City must require that all SWPPP's contain a

certification statement signed by the property owner or owner's representative/designee, as required by Part 4.F.(I)5(a)(1) of the Permit.

Private Project: Homewood Suites located at 1950 Solar Drive, Oxnard, CA

The construction project was a private development project that included the construction of a multi-story hotel complex. The total disturbed area of the project was approximately 4 acres. Several deficiencies were noted during the site inspection. The Construction General Permit inspection report for this site is included as Appendix C, Inspection No. 2.

BMPs were not implemented to prevent the discharge of sediment to the storm drain inlets located in the north central portion of the site (see Appendix C, Inspection No. 2, Finding 4, Photograph 1). As provided by the Facility Representative, the storm drain is connected and flows to the City of Oxnard's MS4. Sediment-laden runoff from a leaking hose bib and disturbed parking lot island area was actively draining to the storm drain inlet (see Appendix C, Inspection No. 2, Finding 4, Photographs 1 through 3). Furthermore, sediment and debris accumulation was in the storm drain inlet (see Appendix C, Inspection No. 2, Finding 4, Photographs 4 and 5). As a result, an active discharge of sediment-laden runoff and sediment and debris accumulation was occurring during the inspection at the storm drain inlet, which is connected to the City of Oxnard's MS4.

BMPs were not adequately installed and maintained at the vehicle tracking control pad, located at construction site entrance off of Solar Drive. Sediment and debris accumulation was visible in the Solar Drive roadway (see Appendix C, Inspection No. 2, Finding 5, Photograph 8). The facility's SWPPP section 500.3.6 titled, "Tracking Control," indicated that the Caltrans BMP "TC-1 Stabilized Construction Entrance/Exit" and "SE-7 Street Sweeping and Vacuuming" would be utilized. It should be noted that the vehicle tracking control pad implemented on-site was not installed or maintained in accordance with the facility's SWPPP or the Caltrans BMP details and specifications. Specifically, the aggregate size utilized was approximately 3/4 inch (see Appendix C, Inspection No. 2, Finding 5, Photographs 6 and 7) and not the 3-inch minimum, and the corrugated steel panels did not extend the entire width of the construction entrance to accommodate anticipated traffic. As a result, there was a release of sediment offsite to Solar Drive.

BMPs for storm drain inlet protection were not implemented to prevent the discharge of sediment and pollutants to the storm drain inlet located in the southeast corner of the site (see Appendix C, Inspection No. 2, Finding 6, Photographs 9 and 10). No BMPs were implemented for inlet protection and the area surrounding the inlet was disturbed, including an uncontained/unstabilized soil/sand stockpile and visible plaster waste was on the ground surface directly adjacent to the storm drain inlet. Furthermore, storm drain inlet protection was not adequately implemented or maintained in the northeast portion of the site (see Appendix C, Inspection No. 2, Finding 7, Photographs 13 through 17). The

facility's SWPPP section 500.3.5 titled, "Sediment Control," indicated that the CASQA BMP "SE-10 Storm Drain Inlet Protection" would be implemented for all storm drain inlets; however, this was not observed in the field (see Appendix C, Inspection No. 2, Finding 7, Photographs 13 through 17). As provided by the Facility Representative, the storm drains are connected and flow to the City of Oxnard's MS4. As a result, there was a potential for the discharge of sediment and pollutants to the storm drain inlets and subsequent City of Oxnard MS4.

Adequate BMPs were not implemented to prevent the discharge of sediment from several soil stockpiles. Specifically, BMPs were not implemented for coverage of the soil stockpiles located at the northeast corner of the site (see Appendix C, Inspection No. 2, Finding 8, Photograph 19), at the southwest portion of the site ((see Appendix C, Inspection No. 2, Finding 8, Photographs 21 and 24), and at the north central portion of the site (see Appendix C, Inspection No. 2, Finding 8, Photograph 25). In addition, no perimeter control BMPs were implemented for the soil stockpile located at the southwest portion of the site (see Appendix C, Inspection No. 2, Finding 8, Photograph 24). The facility's SWPPP section 500.3.9 titled "Waste Management and Materials Control" stated that all stockpiles were to have plastic covers and perimeter control BMPs implemented in accordance with CASQA BMP "WM-3 Stockpile Management"; however, this had not been implemented in the field. Furthermore, perimeter control BMPs did not encompass the entire soil stockpile located in the northeast of the site, resulting in the discharge of sediment and debris offsite to the north (see Appendix C, Inspection No. 2, Finding 8, Photograph 20).

BMPs were not adequately installed and inspected to prevent the discharge of sediment from the area of disturbance located at the southwest portion of the site adjacent to Solar Drive roadway. Specifically, the silt fence BMP was not entrenched in the ground to retain sediment and was installed backwards (i.e., stakes on improper side for the direction of flow) (see Appendix C, Inspection No. 2, Finding 12, Photographs 33 through 35). The silt fence BMP was not installed in accordance with the CASQA BMP "SE-1 Silt Fence." As a result, there was a potential for the discharge of sediment from the area of disturbance to Solar Drive, a public roadway, and into the associated curb and gutter flowline. The City must require the implementation of an effective combination of the BMPs specified in the MS4 permit to prevent erosion and sediment loss, the discharge of construction wastes, and illicit construction-related discharges of pollutants into the City's MS4.

Private Project: Rose Oxnard Center located at Rose Avenue and Channel Islands Boulevard, Oxnard, CA

BMPs had not been implemented for disturbed lots located adjacent to Rose Avenue (see Appendix C, Inspection No. 3, Finding 2, Photographs 1, 2 and 3) and at the southwest corner of the project adjacent to Raiders Way roadway (see Appendix C, Inspection No. 3, Finding 2, Photograph 4). No erosion and sediment control BMPs had been implemented for the areas of disturbance. As a result, there was a potential for the

discharge of sediment from the areas of disturbance offsite to the storm drain system and subsequent City of Oxnard's MS4. The City must require the implementation of an effective combination of the BMPs specified in the MS4 permit to prevent erosion and sediment loss, the discharge of construction wastes, and illicit construction-related discharges of pollutants into the City's MS4.

2.1.1 Failure to Require the Implementation of an Effective Combination of the Erosion and Sediment Control BMPs Specified in the Permit.

As required by Part 4.F.(I)1 through Part 4.F.(I)4 of the Permit, the City must require the implementation of an effective combination of erosion and sediment control BMPs for construction sites based on the following disturbance thresholds: disturbing less than 1 acre (see Appendix B, Table 6); 1 acre or greater to less than 5 acres (see Appendix B, Table 7); 5 acres or greater (see Appendix B, Table 8); and for "high risk sites" [e.g., construction sites on hillsides, sites adjacent to a CWA § 303 (d) listed waterbody for siltation or sediment, or sites within or directly adjacent to an Environmentally Sensitive Area (ESA)] (see Appendix B, Table 9).

The City had not adequately required the implementation of the minimum sets of erosion and sediment control BMPs for both public and private projects as outlined in Table 6 to Table 9 of the Permit. As stated by the City's Senior Storm Water Inspector, the City does not currently require or inspect for minimum BMP requirements in the Permit and often will accept equivalent BMPs from those reviewed and approved in the individual site SWPPPs. No specifications or details for minimum BMPs requirements, or for equivalent BMPs are maintained by the City. Moreover, during the Construction General Permit inspections (see Appendix C) most of the facility operators had identified an effective combination of the minimum erosion and sediment control BMPs in their respective SWPPPs, as required by Part 4.F.(I)1 through Part 4.F.(I)4 of the Permit; however, based on field observations these practices had not been adequately implemented and maintained on the sites. For example, at the Bartolo Square N Street & Utility Improvement Project Phase I (see site summary above and attached Appendix C, Inspection No. 1), a public project administered by the City, the CASQA BMP "SE-10 Storm Drain Inlet Protection" was specified in the SWPPP to be implemented for all storm drain inlets; however, this had not been accomplished in the field (see attached Appendix C, Inspection No. 1, Finding 4 and 7, Photographs 2 through 6, 13 and 14) and resulted in a discharge of sediment-laden water to the City's MS4. It should also be noted that the City Storm Water Inspector conducted an inspection of this facility on December 2, 2009 just one day following the inspection by the EPA Contract Inspector. During the City's inspection, deficiencies pertaining to the adequacy, implementation, and maintenance of the required CASQA BMP "SE-10 Storm Drain Inlet Protection" were not identified in the inspection report (see attached Appendix D, Exhibit 1). For example, the City inspector did not identify any BMP installation and maintenance deficiencies on the checklist, and commented that "accumulated organic material, trash, debris, and sediment in front and back of the straw wattles at each catch basin inlet

should be gathered and disposed of". Straw wattles and geotextile fabric are not a component of the installation specifications and details associated with the CASQA BMP "SE-10 Storm Drain Inlet Protection", which is a minimum BMP as required by the Permit. This may indicate a lack of knowledge and training by the City's inspectors and their ability to identify adequate installation and maintenance of BMPs. It should be noted that the EPA Contract Inspector identified numerous additional BMP installation and maintenance issues during the Construction General Permit Inspections (see attached Appendix C) not in accordance with the individual facility SWPPPs and the CASQA BMP handbook.

While conducting the Construction General Permit inspections, the EPA Contract Inspector observed several construction sites which appeared to have been abandoned. Site representatives were not present at the facilities at the time of the site visits and SWPPPs were not stored at the project areas. The EPA Contract Inspector based his location on the addresses and global positioning system (GPS) data provided on the NOIs submitted by the respective permittees. Based on this information, the EPA Contract Inspector visited the Rose Oxnard Center construction site (WDID No. 4 56C351359) and the St. Paul's Baptist Church construction site (WDID No. 4 56C346953). Both sites appeared to have been graded and abandoned in a state of disturbance. Adequate BMPs for erosion or sediment control were not implemented or maintained at either site. For example, at the Rose Oxnard Center, a private project, perimeter silt fence BMPs had not been installed, inspected, and maintained in accordance with the minimum BMP requirements outlined in Table 6 of the Permit. Specifically, the silt fence BMP was not installed according to the CASQA BMP "SE-1 Silt Fence" detail required by Table 6 of the Permit (see Appendix C, Inspection No. 3, Finding 3, Photographs 5, 6, 9, and 10). In addition, adequate BMPs were not implemented for the disturbed lots located adjacent to Rose Avenue and Raider Way roadways (see Appendix C, Inspection No. 3, Finding 2, Photographs 1 through 4). Furthermore, the disturbed lots were located directly adjacent to an unprotected storm drain inlet (see Appendix C, Inspection No. 3, Photographs 7 and 14), a component of the City of Oxnard's MS4.

At the St. Paul's Baptist Church, a private project, no stabilized construction entrance/exit BMPs had been implemented at the site as specified by the CASQA BMP "TR-1 Stabilized Contraction Entrance/Exit" detail as required by Table 7 of the Permit (see Appendix C, Inspection No. 4, Finding 2, Photograph 1). Construction General Permit inspection findings and photo documentation of the site conditions at these two abandoned construction sites is included in the Appendix C, Inspections No. 3 and No. 4. As evidenced by the site conditions and lack of erosion and sediment control, abandoned construction sites constitute ongoing pollutant sources.

The City must implement a construction program that requires each discharger to implement an effective combination of erosion and sediment control BMPs for construction sites based on the following disturbance thresholds: disturbing less than 1 acre (see Appendix B, Table 6); 1 acre or greater to less than 5 acres (see Appendix B, Table 7); 5 acres or greater (see Appendix B, Table 8); and for "high risk sites" [e.g., construction sites on hillsides, sites adjacent to a CWA § 303 (d) listed waterbody for

siltation or sediment, or sites within or directly adjacent to an Environmentally Sensitive Area (ESA)] (see Appendix B, Table 9). *The EPA Contract Inspector also strongly recommends that these minimum BMPs be incorporated into the SWPPP review and approval process (e.g., rationale for selecting or rejecting BMPs) and in the City's oversight inspection procedures. Furthermore, it is recommended that City inspectors are adequately trained for the minimum BMP requirements specified in the Permit.*

2.1.2 Failure to Conduct Adequate Inspections of Private Construction Projects

As required by Part 4.F.(I)8 of the Permit, the City "shall inspect all construction sites for the implementation of storm water quality controls a minimum of once during the wet season."

As described above in Section 2.1 and Sections 2.14 and 2.15, the EPA Contract Inspector conducted inspections of two private projects (i.e., Rose Oxnard Center and St. Paul's Baptist Church) to assess compliance with the Construction General Permit. Several site deficiencies were noted during the inspections (refer to Appendix C, Inspections No. 3 and No. 4). These projects were not identified by the City on the "Development Project List" (see Appendix D, Exhibit 2), and discussions with City representatives indicated that the City was unaware (i.e., not conducting inspections) of these apparently abandoned construction sites with disturbance areas. The abandoned construction sites exhibited a lack of adequate erosion and sediment controls and potential pollutant sources which should be adequately monitored and inspected by the City. For example, at the Rose Oxnard Center project adequate BMPs were not implemented for the disturbed lots located adjacent to Rose Avenue and Raider Way roadways (see Appendix C, Inspection No. 3, Finding 2, Photographs 1 through 4). Furthermore, the disturbed lots were located directly adjacent to an unprotected storm drain inlet (see Appendix C, Inspection No. 3, Photographs 7 and 14), a component of the City of Oxnard's MS4. In addition, at the St. Paul's Baptist Church project adequate BMPs were not implemented to prevent the discharge and transport of sediment from disturbed areas of the project offsite to the north (see Appendix C, Inspection No. 4, Finding No. 2 and No. 3, Photographs 1 through 4).

As described above, several site deficiencies were noted during the site inspections of these two private projects, which suggests that the level of storm water inspection oversight by the City was not sufficient to assure compliance with the Construction General Permit and City of Oxnard's MS4 Permit.

The City must conduct and document adequate inspections of all construction sites to ensure compliance with Part 4.F.(I)8 of the Permit. *It is recommended that the City re-evaluate its current protocols for developing a comprehensive list of all disturbed public and private construction sites including abandoned sites within the City to aid in tracking and prioritizing inspections of these sites that are potential pollutant sources (see Section 2.14 and Section 2.15).*

2.1.3 Need to Conduct and Document Adequate Site Plan and SWPPP Reviews.

The EPA Contract Inspector held a series of discussions with the City Supervising Civil Engineer and Senior Storm Water Inspector regarding procedures for incorporating the minimum erosion and sediment control BMPs into the site plan review and approval process. As explained by the City Supervising Civil Engineer, institutional knowledge and Best Professional Judgment (BPJ) are utilized in the City's plan review and approval process. The City's Public Works Department conducts a review of the site plans and SWPPPs for private projects, whereas the Storm Water Group conducts the reviews of public capital improvement projects prior to the commencement of construction. Furthermore, the submittal of a Notice of Intent (NOI) for coverage under the Construction General Permit is a condition of approval for all projects. The City Supervising Civil Engineer stated that a Caltrans checklist for conducting site plan and SWPPP reviews is available but often not used by City staff during this process. Whether the checklist is used as a mental guide or if it is physically completed and maintained as documentation of the review was unclear to the EPA Contract Inspector. Furthermore, the occurrence of the review is not formally documented.

As a component of the individual Construction General Permit inspections, the EPA Contract Inspector reviewed the SWPPPs for one public project and four private projects to assess compliance with the requirements of the Construction General Permit. It should be noted that though the SWPPPs had been reviewed by the City, numerous deficiencies were noted with regard to required information that was not included in the SWPPPs (see attached Appendix C, Inspections No. 1 and No. 2). The City's site planning procedures and Caltrans checklist do not provide an adequate means of documenting that minimum erosion and sediment control BMPs had been evaluated and selected as required by Part 4.F.(I)1 to Part 4.F.(I)4 of the Permit.

It is recommended that the City re-evaluate its submittal, review, and approval of SWPPPs for both public and private development projects to ensure compliance with the minimum BMP local agency requirements of the Permit.

2.1.4 Need to Develop a Comprehensive Inventory of Disturbed Construction Sites.

As required by Part 4.F.(I).7 of the Permit, the City must utilize an electronic system to track City-issued grading permits, encroachment permits, demolition permits, building permits, or construction permits, and any other municipal authorization to move soil and/ or construct or destruct that involves land disturbance. In order for the City to conduct adequate inspections of construction sites to ensure compliance with local ordinances, as required by Part 4.F.(I)8 of the Permit, the City must have knowledge of the location and status of active private and public construction projects within the City.

The EPA Contract Inspector requested a current inventory of active construction sites within the City, including public and private projects, during the course of the inspection. The City provided a list of construction projects titled, "Development Project List" (see attached Appendix D, Exhibit 2). Upon further review, the EPA Contract Inspector determined that this list did not include all active and/or disturbed public and private projects. Specifically, two projects evaluated for Construction General Permit inspection by the EPA Contract Inspector in the City of Oxnard jurisdictional area were not included on the list. These two projects were the Rose Oxnard Center located at Rose Avenue and Channel Islands Boulevard (see attached Appendix C, Inspection No. 3), and St. Paul's Baptist Church located at Statham Boulevard and Pacific Avenue (see attached Appendix C, Inspection No. 4). It is possible that these projects were not included on the list because they were not under an active City-issued permit. Further discussion with City representatives, indicated that the City was unaware of these projects having areas of disturbance or the potential for the discharge of pollutants to the City's MS4. It should be noted that the "Development Project List" (see attached Appendix D, Exhibit 2) indicated a Baptist Church project located at the northwest corner of Raiders Way and Rose Avenue had been approved by the City (see attached Appendix D, Exhibit 2, Industrial Project List, ID No. 4) and this appeared to be the same location as the Rose Oxnard Center project. This highlights the concern that the City does not have a comprehensive list of construction sites to be used for prioritizing and tracking inspections and construction site status.

It is recommended that the City develop and maintain a comprehensive list of all disturbed public and private construction sites within the City to aid in tracking and prioritizing inspections of the sites, and to ensure compliance with local storm water ordinances.

U.S. Environmental Protection Agency
Region 9
Water Division
75 Hawthorne Street
San Francisco, CA 94105-3901

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PHASE 1 COMPLIANCE INSPECTION

CITY OF PALM SPRINGS, CALIFORNIA
WDID 7A332001M12

FINAL INSPECTION REPORT

Inspection Date:
June 6-7, 2012

Final Report Date:
August 21, 2012

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Section 1.0 Introduction

On June 6-7, 2012, the U.S. Environmental Protection Agency's (EPA) contractor, PG Environmental, LLC, and staff from the Colorado River Basin Regional Water Quality Control Board (RWQCB; hereinafter, collectively, the Inspection Team) conducted an inspection of the City of Palm Springs, California (hereinafter, City), Municipal Separate Storm Sewer System (MS4) Program.

According to the 2010 U.S. Census, the City had a population of 44,552 people with approximately 30,000 more people living in the City during the tourist season (winter months). The City is located in Riverside County within the Coachella Valley at an elevation of 487 feet. Mt. San Jacinto is located directly west of the City at an elevation of 10,831 feet. As described by City staff, the Whitewater River flows along the eastern side of the City and is the City's primary receiving water.

Section 1.1 Permit and Storm Water Management Plan

Discharges from the City's MS4 are regulated under California Regional Water Resources Control Board Order No. R7-2008-0001, National Pollutant Discharge Elimination System (NPDES), Permit No. CAS617002, *Waste Discharge Requirements for Discharges from the Municipal Separate Storm Sewer Systems (MS4) Within the Whitewater River Watershed Riverside County Flood Control and Water Conservation District, Owner/Operator County of Riverside. Owner/Operator Coachella Valley Water District, Owner/Operator and Incorporated Cities of Riverside County Within the Whitewater River Basin, Owners/Operators* (hereinafter, the Permit), issued May 21, 2008. The City obtained coverage as a co-permittee under the Permit in 2008 and has been developing its MS4 program since that time. The Riverside County Flood Control and Water District (hereinafter, the District) and the County of Riverside (hereinafter, the County) are the Principal Permittees. A copy of the Permit is included as Appendix A.

The Permit authorizes the City to discharge storm water runoff and certain non-storm water discharges from its MS4 to waters of the United States, under the Permit's terms and conditions. Part E.2.d of the Permit requires the City to implement the *Whitewater River Region Storm Water Management Plan* (hereinafter, Regional SWMP) consistent with the Permit.

Pursuant to this requirement, the City has been operating under the Regional SWMP since June 2009. A copy of the Regional SWMP is included as Appendix B. MS4s under the Permit established the NPDES Desert Task Force Advisory Committee (DTF) which meets as needed to coordinate Permittee actions needed to implement the SWMP.

Section 1.2 Purpose of Inspection

The purpose of the inspection was to obtain information that will assist EPA and the RWQCB in assessing the City's compliance with the requirements of the Permit and

associated Regional SWMP, as well as the implementation status of the City's current MS4 program.

Section 1.3 Program Areas Evaluated

The inspection included an evaluation of the City's compliance with the following areas of the Permit:

- IC/ID [Illicit Connection/Illicit Discharge], Litter, Debris, and Trash Control Program;
- Commercial/Industrial Program;
- New Development/Redevelopment and Construction Activities Program;
- Private Construction Activities Program;
- Permittee Construction Activities;
- Permittee Activities Program; and
- Public Education and Outreach Program.

Section 1.4 Inspection Process

The Inspection Team obtained information through a series of interviews with the representatives from the City's Public Works Department, along with a series of site visits, record reviews, and field verification activities. The EPA contractor representative presented her credentials at the opening meeting of the inspection. Dry weather conditions were experienced throughout the inspection activities. A copy of the tentative agenda distributed prior to the inspection is included as Appendix C.

It should be noted that this inspection report does not attempt to comprehensively describe all aspects of the City's MS4 program, fully document all lines of questioning conducted during personnel interviews, or document all in-field verification activities conducted during the site visits.

A copy of the inspection sign-in sheet is included as Appendix D. The primary representatives involved in the inspection were the following:

City of Palm Springs MS4 Inspection: June 6-7, 2012	
Public Works Department	Carol Templeton, NPDES Coordinator Claudia Trembus, Qualified Storm Water Practitioner (QSP)
Sustainability Commission	Michele Mician, Sustainability Coordinator
Riverside County Flood Control and Water Conservation District	Scott Bruckner, MS4 Permit Manager

Riverside County	Mike Shetler, NPDES Program Administrator
Engineering Resources of Southern California, Inc.	Mathew Brudin, City's Consultant
Colorado River Basin Regional Water Quality Control Board	John Carmona, Senior Water Resources Control Engineer Doug Wylie, Senior Water Resources Control Engineer
EPA Contractor	Candice Owen, PG Environmental, LLC

Section 2.0 Program Evaluation Observations

This inspection report identifies positive program attributes and program deficiencies and is not a formal finding of violation. Positive attributes indicate overall progress or success in implementing the program. Program deficiencies are areas of concern for successful program implementation or areas that, unless action is taken, have the potential to result in non-compliance in the future. In addition, this report provides recommendations for improved program implementation at the end of each subsection.

During the evaluation, the Inspection Team obtained documentation and other supporting evidence regarding compliance with the Permit and associated Regional SWMP. The Regional SWMP contains a number of best management practices (BMPs), objectives, and implementation timetables with implementation details, measurable goals, and schedules.

Referenced documentation used as supporting evidence is provided in Appendix E, the Exhibit Log, and photo documentation is provided in Appendix F, the Photograph Log.

Section 2.1 Programmatic Implementation

As stated in Part F of the Permit, "Each permittee shall implement the programs and BMPs to the MEP [Maximum Extent Practicable] as described in the SWMP and this MS4 Permit." These programs and BMPs must include the specific requirements in Part F.1(a)–(f) of the Permit.

Positive Attributes

2.1.1 The City had documentation and standard operating procedures (SOPs) for multiple areas of the p program. City staff had developed written procedures and records for the majority of actions taken to implement the City's storm water program. Some of the documents are not required under the Permit. Additionally, many detailed documents used by the City are located in the Regional SWMP. Examples of documents obtained by the Inspection Team include an inventory list for Water Quality Management Plan (WQMP) projects and multiple written SOPs specific to each program area. Many

of these documents are included as exhibits in Appendix E and are referenced in the sections below.

In summary, the City's written SOPs and record keeping were effective implementation tools and aided the City in facilitating continuity and retention of programmatic knowledge.

Section 2.2 IC/ID, Litter, Debris, and Trash Control Program

As stated at Part E.2.d(iv) of the Permit, the City must implement the Regional SWMP consistent with the Permit to "[e]liminate IC/IDs to the MEP." The program must include, at a minimum, the specific requirements in Part F.1.a (i)–(v) of the Permit.

Recommendations:

2.2.1 The City Public Works Department should consider documenting a schedule for IC/ID inspections and all inspection activities. Part F.a(vi) of the Permit states that the City shall "[c]ontinue to implement and improve routine inspection and monitoring and reporting programs for their MS4s facilities."

Section 2.2.1 of the Regional SWMP states "[d]istrict maintenance staff, Co-Permittee code enforcement of public works staff, and County staff of the Transportation Land Management Agency-Transportation Department, Codes Enforcement Department, Building and Safety Department, Lighting and Landscaping Maintenance Districts, or County Service Areas routinely patrol and inspect the MS4 facilities and infrastructure that they own and operate and report IC/ID incidences."

City staff provided inventories and cleaning frequencies for catch basin inlets and "down-and-unders" in the City (see Appendix E, Exhibits 1 and 2) and explained to the Inspection Team that City staff looked specifically for IC/ID during these activities. In addition, City staff provided an IC/ID Investigation Report that was instigated by observations made by a Codes Enforcement Officer (see Appendix E, Exhibit 3).

The City NPDES Coordinator and City QSP also explained that they frequently inspect areas of the City for IC/ID while conducting their routine compliance activities, but that a set schedule has not been developed for these inspections and they are not formally documented.

The Inspection Team recommends that City staff formalize an inspection schedule for the City Public Works Department's own IC/ID inspections and create an inspection form or checklist to facilitate documenting the occurrence of and findings from inspections.

2.2.2 The City should consider developing SOPs for receipt of IC/ID complaints and for coordination with other City departments. While City staff demonstrated to the Inspection Team that they were responding to IC/ID complaints from the public and coordinating with other City departments with an Illicit Discharges Procedures document

(see Appendix E, Exhibit 4) and the IC/ID Investigation Report referenced in Section 2.2.1, the Inspection Team recommends that the City develop a standard protocol for dealing with illicit discharge incidences. This could include a standard method for the initial receipt and follow-up from phone calls, as well as procedures for coordination with other City departments that might respond to IC/ID such as Fire and Police.

Section 2.3 Commercial/Industrial Program

As stated at Part E.2.d(i) of the Permit, the City must implement the Regional SWMP consistent with the Permit to "[r]educe Potential Pollutants in Urban Runoff from municipal, commercial, industrial, and residential areas to the MEP." The program must include, at a minimum, the specific requirements in Part F.1.b (i)–(vi) of the Permit.

The Inspection Team had no findings regarding the implementation of the Commercial/Industrial Program. The City NPDES Coordinator provided an Inspection and Enforcement procedures document that explains the City's role in the Commercial/Industrial Program (see Appendix E, Exhibit 5). The Riverside County NPDES Coordinator explained that the City works with the County Department of Environmental Health (DEH) to implement a compliance assistance program (CAP) and that the DEH performs detailed stormwater compliance surveys for hazardous material permit facilities and retail food facilities (see Appendix E, Exhibit 6). The Riverside County NPDES Coordinator further explained the City is informed if an issue is identified, and the City NPDES Coordinator follows up with that facility to ensure the issue is resolved. The City NPDES Coordinator stated that she keeps an Industrial/Commercial database to track businesses/industries for which she has conducted follow-up activities.

Section 2.4 New Development/Redevelopment and Construction Activities Program

As stated at Part E.2.d(ii) of the Permit, the City must implement the Regional SWMP consistent with the Permit to "[r]educe Potential Pollutants in Urban Runoff from land development and construction sites to the MEP through the use of Structural and/or Non-Structural BMPs." The program must include, at a minimum, the specific requirements in Part F.1.c (i)–(v) of the Permit.

The City referred to New Development/Redevelopment storm water projects that had storm water controls as WQMP projects. During the inspection, the Inspection Team visited two WQMP project sites: (1) Solar Power Incorporated Solar Field and (2) Palm Springs Animal Shelter. It should be noted that the overall quality of these sites was very good. Observations related to these site visits are detailed below.

Solar Power Incorporated Solar Field — 20th Avenue

The Solar Power Inc. Solar Field site included retention basins that were located on the south side of the site and connected to trapezoidal earthen channels that ran down the center of the site (see Appendix F, Photographs 1, 2, and 3). The City had required a WQMP for the site and the City Consultant explained that the site was graded so storm water would flow into the channels and then to the retention basins. The City Consultant additionally explained that the earthen channels were outside of the mapped sand transport area that ran through the site. The City Consultant further stated that because of the unique site conditions, this WQMP "did not fit the mold" and had prompted much collaboration between him and the site engineers.

Palm Springs Animal Shelter — Mesquite Avenue

The Palm Springs Animal Shelter (see Appendix F, Photograph 4) was operated by the City and included three low impact development (LID) practices: bioswales, a retention basin, and brick pavers (see Appendix F, Photographs 5 through 8). The City had required a WQMP for the site. Bioswales were located on multiple sides of the site with the retention basin located on the east side of the site. Three inlets were connected to the retention basin. One inlet was observed by the Inspection Team to be partially filled with sediment (see Appendix F, Photograph 9). Through discussions with Shelter staff, it was apparent to the Inspection Team that they were aware that maintenance needed to be performed on the LID practices. City Public Works staff had inspected the Palm Springs Animal Shelter WQMP storm water controls in February of 2012 and emailed responsible onsite personnel with maintenance concerns (Appendix E, Exhibit 7).

In addition to the site visits, the Inspection Team held discussions with City staff regarding the implementation status and documentation of its New Development/Redevelopment and Construction Activities Program.

Positive Attributes:

2.4.1 The City had effective SOPs for the implementation of WQMP projects and plan reviews. Part F.1.c(iii)(1) of the Permit states that the City must "[d]evelop and implement BMP strategies, which include a combination of Structural and/or Non-Structural BMPs appropriate for the Whitewater River Region."

City staff explained that Section 4 of the Regional SWMP provides detailed guidance on the development planning and permitting and specifically on the WQMP process implemented by the City, including the template that the City requires all qualifying sites to use for the development of WQMPs. The template is located in Appendix H of the Regional SWMP. Figure 4-2 of the Regional SWMP is a checklist that the City NPDES Coordinator stated she uses to determine if a WQMP is required for a project. The City consultant was knowledgeable about the Permit and Regional SWMP requirements and stated that he had performed multiple reviews of WQMPs for the City using the Project-Specific WQMP Review checklist located in Appendix I of the Regional SWMP. The City NPDES Coordinator also provided the City's Master Conditions of Approval for WQMPs, Drainage, and NPDES Issues (Appendix E, Exhibit 8).

2.4.2 The City had a retention ordinance that required onsite retention of the 100-year rainfall event. City Ordinance 1768 (Appendix E, Exhibit 9) describes regulations "for the purpose of establishing on-site stormwater retention requirements." It requires the retention of the most conservative duration (1-hour, 3-hour, 6-hour, or 24-hour) 100-year storm for qualifying new and redevelopment projects. This requirement is more stringent than the Permit requirement.

Recommendations:

2.4.3 The City should consider implementing mechanisms to ensure that public and private WQMP projects have regular maintenance as dictated in the WQMP. Part F.1.c(iii)(4) of the Permit states that the City must "[e]nsure adequate long-term operation and maintenance of BMPs."

During the inspection, the City NPDES Coordinator provided the Inspection Team with two examples of completed WQMP "Section IV - Operation and Maintenance Responsibility for Treatment Control BMPs" (Appendix E, Exhibit 10). This section of the WQMP details the required maintenance for installed post-construction controls. The City NPDES Coordinator additionally provided two examples of finalized "Covenant and Agreement Regarding Water Quality Management Plan BMP, Consent to Inspect, and Indemnification" documents (Appendix E, Exhibit 11) which require that property owners perform maintenance on storm water controls that have WQMPs.

The City NPDES Coordinator also provided a "WQMP and BMP Inventory" (Appendix E, Exhibit 12) which she explained was used to track installed WQMP projects for maintenance compliance purposes. During discussions onsite, the staff member in charge of BMP maintenance at the Palm Springs Animal Shelter stated that he had not been informed of the requirements for maintenance located in the WQMP. In addition, through discussions with site engineers in reference to the Solar Power Incorporated Solar Field retention basins, it was not evident to the Inspection Team how requirements for basin maintenance had been conveyed to the site owner/operator.

In summary, it was not apparent to the Inspection Team the exact method the City used to ensure that all WQMP projects received the required maintenance. The Inspection Team recommends the City develop a method to verify that maintenance required in WQMPs is being performed. Additionally, the City should consider providing education on the contents of the WQMP to property owners to encourage proper maintenance and awareness of onsite BMPs.

Section 2.5 Private Construction Activities Program

As stated at Part E.2.d(ii) of the Permit, the City must implement the Regional SWMP consistent with the Permit to "[r]educe Potential Pollutants in Urban Runoff from land development and construction sites to the MEP through the use of Structural and/or Non-

Structural BMPs." The program must include, at a minimum, the specific requirements in Part F.1.c (i)–(v) of the Permit.

During the inspection, the Inspection Team visited three private construction sites: (1) Alta Development, (2) The Morrison, and (3) Lloyds Pest Control. No findings were identified at The Morrison construction site. Findings related to the other two construction sites are listed below.

Alta Development Construction Site — Off of South Palm Canyon Drive

The Alta Development construction site was a single family home development (see Appendix F, Photograph 10) that had obtained coverage under the California State Water Resources Control Board Order No. 2009–0009–DWQ, NPDES General Permit No. CAS000002, *General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities* (hereinafter, Construction General Permit). The Inspection Team met with the site contractor and site QSP for the development who stated that the Storm Water Pollution Prevention Plan (SWPPP) was updated as changes were made onsite. The contractor additionally explained that the entire site drains to a retention basin.

The Inspection Team observed the following minor issues with regard to erosion and sediment controls at the private construction site:

1. Sand from an uncovered stockpile had been carried over the curb and onto the road by dust control spray water in two areas (see Appendix F, Photographs 11 through 14). The site contractor and site QSP stated that the SWPPP dictated that the stockpiles had to be either covered or sprayed within seven days of placement. The site contractor indicated that the stockpile had been created within that timeframe.
2. Straw wattle BMPs had been flattened and soiled and were in need of replacement in two areas (see Appendix F, Photographs 15 through 18).

It should be noted that the overall condition of the site was good, and upon discovery of the above findings, the City QSP immediately discussed necessary actions to rectify storm water issues found onsite with the site contractor. Since the entire site drains to a retention basin there was minimal danger to storm water from the site.

Lloyds Pest Control Construction Site — Near Newhall Street and 19th Avenue

The Lloyds Pest Control construction site (see Appendix F, Photograph 19) was less than one acre and was not required to obtain coverage under the Construction General Permit.

The Inspection Team observed the following with regard to erosion and sediment controls at the private construction site:

1. Straw wattle BMPs were not properly staked and entrenched into the ground and were not located in a low-lying area of vulnerability near the site entrance/exit (see Appendix F, Photograph 20).

In addition to the site visits, the Inspection Team held discussions with City staff regarding the implementation status and documentation of its private construction activities program.

Positive Attributes:

2.5.1 The City had extensive oversight of private construction sites to reduce pollutants in any urban runoff to the MS4. As required by Part F.1.d(i)(5) of the Permit, the City must continue to include implementation of, at a minimum,"[p]rocedures for site inspection and enforcement control measures. Each permittee shall continue to conduct construction site inspections for compliance with its ordinances."

During the inspection, the City NPDES Coordinator provided a summary document of the City's Construction Site Inspection procedures and schedule (Appendix E, Exhibit 13). The City QSP stated that she performs inspections at private construction sites using a Stormwater Construction Site Inspection Report (Appendix E, Exhibit 14) at a minimum frequency of one time per week and, if possible, during storms. The City NPDES Coordinator stated that she keeps a tracking list of all private construction sites. She updates this list annually with new sites, after the first construction inspection is conducted onsite (Appendix E, Exhibit 15). The City NPDES Coordinator additionally explained that she prioritizes the sites based on the enforcement response priority levels listed in Table 1-3 in the Regional SWMP.

In summary, the City staff had an effective approach to ensuring proper erosion and sediment controls on private construction sites.

Section 2.6 Permittee Construction Activities

Requirements for permittee construction activities are located in Part F.5.(a)–(f) of the Permit.

During the inspection, the Inspection Team held discussions with City staff regarding the implementation status and documentation of the City's construction activities program. In addition to discussions with City staff, the Inspection Team visited one public construction site: (1) Belardo Road Bridge. Observations related to that visit are below.

Belardo Road Bridge Construction Site — Belardo Road between West Sunny Dunes Road and West Mesquite Avenue

The Belardo Road Bridge project was a City Capital Improvement Project (CIP) (see Appendix F, Photographs 21 and 22) that included the construction of a bridge over Tahquitz Creek. The City QSP stated that she visited the site, but had not conducted any formal inspections of the site. The City QSP also stated that it was the responsibility of the City contractor to implement the SWPPP onsite and that she was not aware of active supervision of the project by the City Public Works Department. The contractor's QSP onsite showed the Inspection Team the site SWPPP and stated that the City QSP had

been out to the site. The site was not required to obtain coverage under the Construction General Permit; however since the site was partially located on Tribal Lands and crossed a stream, it was unclear to the Inspection Team if additional permits, such as U.S. Army Corps of Engineers Section 404 permits, were required or if those permits had been obtained.

The Inspection Team observed the following with regard to erosion and sediment controls at the public construction site:

1. Sediment tracked from the site entrance/exit was present on Mesquite Avenue (see Appendix F, Photographs 23 and 24). The City contractor representative stated that the street is swept weekly.

Potential Deficiency:

2.6.1 The City had not provided adequate oversight of public projects. Part E.5.b of the Permit states "[a] Storm Water Pollution Prevention Plan (SWPPP) shall be developed and implemented for all Permittees' public works construction projects in compliance with the appropriate General Construction Permit. The SWPPP shall be retained on-site during the entire construction period. The Permittees shall be responsible for assuring that the SWPPP is implemented. The SWPPP shall contain the elements required in the appropriate Construction General Permit."

Section 6.2 of the Regional SWMP states "[p]ublic works construction projects monitoring includes site inspections before anticipated storm events and after actual storm events to: Verify SWPPP implementation, Identify areas contributing to discharges of stormwater from the construction site, and determine if adequate BMPs have been properly implemented and maintained, or whether additional BMPs are needed."

City staff stated that one public project was currently underway, but that all of the items under that site SWPPP were being handled by the City's contractor. The City QSP stated that she had visited the public project, but that she did not conduct these visits on a regular schedule and did not complete documentation for them. The City NPDES Coordinator and City QSP explained that the City's contractor had reported directly to the Assistant City Engineer; however that position had very recently become vacant and they were unaware of any specific oversight provided for public projects by the former Assistant City Engineer.

In summary, it was unclear to the Inspection Team the level of oversight the City was providing for public construction projects. The Inspection Team recommends the City develop a formal method to provide oversight for City's public construction activities.

Section 2.7 Permittee Activities Program

As stated at Part E.2.d(iii) of the Permit, the City must implement the Regional SWMP consistent with the Permit to "[r]educe Potential Pollutants in Urban Runoff from

Permittee's maintenance activities to the MEP." Additionally stated in Part E.2.d(v) and (vii), of the Permit, respectively, the City must implement the Regional SWMP consistent with the Permit to "[e]ncourage spill prevention and containment as well as provide appropriate spill response plan for Permittees' maintenance facilities to the MEP;" and "[c]ontinue to provide MS4 Permit compliance related workshops for Permittee's staff to the MEP." The program must include, at a minimum, the specific requirements in Part F.1.e (i)–(vi) of the Permit.

The Inspection Team conducted site visits at three municipal facilities: (1) Public Works Maintenance Yard (hereinafter, the Maintenance Yard), (2) Tahquitz Golf Course Maintenance, and (3) Fire Station Headquarters. No findings were made at the Golf Course or Fire Station Headquarters. Observations from the Maintenance Yard are included in Section 2.7.2 below.

Positive Attributes:

2.7.1 The City had conducted multiple training sessions for City employees and coordinated frequently with municipal facilities. Part E.2.d(vii) of the Permit states the Permittee must "[c]ontinue to provide MS4 Permit compliance related workshops for Permittee's staff to the MEP."

Section 6.5 of the Regional SWMP states "[s]taff involved in implementing a Permittee's maintenance program receive annual training on the following topics: Requirements of the local storm water ordinances, Requirements of the MS4 Permit and SWMP, Source Control BMPs listed in the SWMP Section 6.3.5, Fertilizer and Pesticide Management, Permittee Facilities Pollution Prevention Plans, Other applicable pollution control measures." Section 6.5 additionally states "[p]ermittee streets and roads maintenance staff also periodically conduct tailgate training to review the model fact sheet of BMPs for common road maintenance activities."

The City NPDES Coordinator explained to the Inspection Team that City municipal facilities had Facility-specific Pollution Prevention Plans (FPPPs), and she provided a matrix listing the City's municipal facilities (Appendix E, Exhibit 16) during the inspection. The City NPDES Coordinator additionally explained that the template the City used to generate FPPPs is located in Appendix K of the Regional SWMP. During the site visit to the City Fire Headquarters, the Fire Chief explained that the Fire Department conducts annual training which is coordinated by a designated member of the department. The City NPDES Coordinator presented a write-up of City training activities to the Inspection Team (Appendix E, Exhibit 17) and an example of a tailgate training session conducted by City employees (Appendix E, Exhibit 18). City staff and District MS4 Permit Manager explained that one of the main training sessions City maintenance staff attended each year was provided bi-annually by the District.

Deficiencies Noted:

2.7.2 Site visit to City Maintenance Yard. Part F.1.e(ii)(1)-(2) of the Permit states the Permittee must "[c]ontinue to maintain and implement Permittee's municipal facility/activity Pollution Prevention plans for Permittee maintenance areas; and incorporate the BMPs outlined in the SWMP for new Permittee's municipal facilities/activity Pollution Prevention plans for existing facilities where applicable by June 15, 2009."

Observations related to the Inspection Team's visit to the City's Public Works Maintenance Yard are provided below.

Public Works Maintenance Yard — North Civic Drive

The City's Public Works Maintenance Yard (hereinafter, the Maintenance Yard) included a maintenance building with six bays, fueling area, car wash, and various types of storage. Departments that conducted activities, including storage, at the Maintenance Yard included: fleets, parks, and street maintenance. The Maintenance Yard was not required to have coverage under the California State Water Resources Control Board Order No. 97–03–DWQ, NPDES General Permit No. CAS000001, *Waste Discharge Requirements for Discharges Associated with Industrial Activities Excluding Construction Activities* (hereinafter, Industrial General Permit), but the City had developed a FPPP as required by the Permit.

The Inspection Team observed the following with regard to pollution prevention and good housekeeping at the Maintenance Yard:

1. Petroleum stains were located on the west side of the main maintenance building, in the vehicle storage area, and directly south of the traffic garage unit (see Appendix F, Photographs 25, 26, and 27).
2. Fifty-five-gallon drums and smaller containers of unidentified chemicals were located outside of secondary containment in an outdoor, fenced Streets storage area (see Appendix F, Photographs 28 and 29).
3. The designated paint area located in the south central portion of the site included a bermed concrete area with a circular drain that did not have a shut off valve (see Appendix F, Photographs 30 and 31).

Recommendations:

The Inspection Team made several additional observations and recommendations in relation to the City's Permittee Activities Program during the inspection. Descriptions of these are provided below.

2.7.3 The City should consider conducting documented storm water inspections at frequent intervals at municipal facilities. Section 6.3.5 of the Regional SWMP states "[p]ermittee facilities listed in Table 6-3 are inspected annually with regard to appropriate BMP implementation."

Through discussions with City staff, the Inspection Team learned no additional formalized site inspections for pollution prevention and good housekeeping were conducted at the City's municipal facilities other than annual inspections mentioned in the Regional SWMP.

The Inspection Team recommends that the City develop a more frequent schedule for site inspections and include this schedule and any associated inspection checklists/materials in each facility's FPPP.

2.7.4 The City should consider providing more oversight for the completion of and findings from municipal inspections. Section 6.3.5 of the Regional SWMP states in regard to annual facility inspections "[r]e-inspections and corrective actions are taken where deficiencies are found."

It was unclear to the Inspection Team the process by which the City Public Works Department conducted adequate follow-up and corrective actions for deficiencies found during annual City facility inspections.

The Inspection Team recommends that the City Public Works Department become more involved with this process, conducting timely reviews of facilities' annual inspection reports and coordinating follow-up with facility personnel where deficiencies are noted.

Section 2.8 Public Education and Outreach Program

As stated at Part E.2.d(vi) of the Permit, the City must implement the Regional SWMP consistent with the Permit to "[i]ncrease public awareness to the MEP." The program must include, at a minimum, the specific requirements in Part F.1.e (i)–(viii) of the Permit.

Positive Attribute:

2.8.1 The City had provided extensive outreach to the community on environmental topics including storm water. Part F.1.f(i)(1)-(3) of the Permit states the City must continue to educate/inform the general public "on the impacts of littering, and other improper disposal on Receiving Water quality," "on the impacts of dumping Pollutants into MS4 facilities," "on Receiving Water impacts from leakage or dumping of gasoline, oil and grease, antifreeze and hydraulic fluid from vehicles into the streets," and "about BMPs for residential car washing."

During the inspection, the City's Sustainability Coordinator explained the City's environmental outreach activities and distributed examples of various educational materials the City had provided to its citizens. In addition, the City NPDES Coordinator provided a summary of public education events (Appendix E, Exhibit 19) and a handout of screen shots taken from the public service announcement for storm drain pollution aired on TV channel 121 (Appendix E, Exhibit 20).

In summary, the City was providing extensive education on storm water topics through multiple outreach activities and informational documents.

City of Palm Springs

Department of Public Works and Engineering
3200 E. Tahquitz Canyon Way • Palm Springs, California 92262
Tel: (760) 323-8253 • Fax: (760) 322-8360 • Web: www.palmspringsca.gov

September 20, 2012

Colorado River Basin Regional Water Quality Control Board
73-720 Fred Waring Drive, Suite 100
Palm Desert, CA 92260

Attn: Mr. John Carmona, Senior Water Resources Control Engineer

Re: **ENVIRONMENTAL PROTECTION AGENCY REGION IX COMPLIANCE EVALUATION INSPECTION REPORT FOR THE CITY OF PALM SPRINGS MUNICIPAL SEPARATE STORM SEWER SYSTEM PROGRAM (MS4)**

This letter is in response to the letter and final inspection report sent to the City of Palm Springs (dated August 9, 2012) and initially received electronically by the City on August 22, 2012, regarding the audit conducted at the City of Palm Springs by Candice Owen of PG Environmental, under contract to the Environmental Protection Agency (EPA) Region IX on June 6th through 7th, 2012. The purpose of this letter is to address potential program deficiencies and recommendations noted during the inspection.

Response to Section 2.2.1 Recommendation: The City Public Works Department has formalized a schedule for Illicit Connection/Illegal Discharge (IC/ID) inspections on a monthly basis at a minimum. City personnel will continue to utilize the Investigation Report as provided in Appendix D of the Whitewater Region Stormwater Management Plan (SWMP). We appreciate that no deficiencies have been identified in the City's IC/ID program and will consider the recommendations to have all street maintenance staff, the City's Qualified SWPPP Practitioner (QSP), and any other members of the City staff that conducts inspections of the City's Municipal Separate Storm Sewer System (MS4), carry and fill out IC/ID Investigation Reports for every inspection of the MS4, whether or not an IC/ID has been discovered.

Response to Section 2.2.2 Recommendation: The standard operating procedure for dealing with illegal discharges into the Municipal Separate Storm Sewer System was rewritten on September 4, 2012 covering receipt of Illicit Connection/Illegal Discharge complaint calls and coordination of various City departments involved with NPDES issues (such as engineering, building, police, and fire department). Since the EPA Audit in June of 2012, the NPDES Coordinator has started working closely with the Deputy Fire Marshall on hazardous material spill cases, which are also NPDES illegal discharge cases. This connection between the NPDES Coordinator and the Deputy Fire Marshall has proven to be effective. In addition, the NPDES Coordinator and QSP will be providing building department personnel and code enforcement officers NPDES training in the near future to further enhance their understanding of NPDES issues.

Response to Section 2.4.3 Recommendation: During the EPA Audit of June, 2012, the Inspection Team observed how the owner/operator of the Palm Springs Animal Shelter was not informed of the requirements for maintenance located in the project-specific Final Water Quality Management Plan (WQMP); this problem has been solved by adding the retention basin inlet

maintenance to the Leon's Landscaping & Tree Service, Inc. contract for the Palm Springs Animal Shelter. In addition, a copy of the Final WQMP has been delivered to the Palm Springs Animal Shelter to keep onsite.

In addition, it was not evident to the Inspection Team that the owner's representative at the North Palm Springs Solar Field 4a by Solar Power, Inc., was aware of the retention basin maintenance requirements specified in the project-specific Final WQMP. A new policy has been developed at the City that will go into effect in January of 2013; in January of every calendar year, the City will send out a letter to all owner(s) of completed projects with WQMPs; note that all Final WQMPs in the City of Palm Springs, have a recorded Covenant & Agreement requiring that all maintenance of Best Management Practices (BMPs) be completed by the owner(s) of the project site or owner representative(s). The letter will request that the BMP maintenance be performed at that time and that the owner(s) send back dated information as to what BMPs were maintained and that dated photographs of the maintained BMP's be provided to the City during the first 2 months of each calendar year. Note that this is not yet a requirement of the City's MS4 permit.

Response to Section 2.5 Findings: On June 7, 2012, the Alta Housing Tract was audited by the Inspection Team to determine compliance with the California State Water Resources Control Board Order No. 2009-0009-DWQ, NPDES General Permit No. CAS000002, *General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities* hereinafter, Construction General Permit. The City Qualified Stormwater Pollution Prevention Plan Practitioner (QSP) immediately discussed solutions to the violations observed by the Inspection Team with the developer's QSP at the site on June 7th: sand washed into the street from an uncovered stockpile that had been watered for dust control, must be swept up (dry) and removed from the street surface; the soiled and flattened straw waddle BMP's along the back of curb in two locations on the site, must be replaced immediately.

On June 7, 2012, the Inspection Team inspected the Lloyd's Pest Control project that was less than one acre in size and not required to obtain coverage under the Construction General Permit. Since the Inspection Team was at the site, the City QSP has instructed the contractor to install the straw waddle BMPs correctly by staking, entrenching into the ground, and making certain that the BMP is installed in all needed locations (such as the low-lying area of vulnerability near the site entrance/exit).

Response to Section 2.6 Request for Environmental Permits: The Belardo Road Bridge Project had coverage under two environmental permits: Clean Water Act 401 Certification and the Department of the Army Nationwide Permit Authorization (Permit No. SPL-2005-01303-SCH). Copies of each of these permits are enclosed with this letter.

Response to Section 2.6 Sediment Track-out from Belardo Road Bridge Project: The City QSP inspected the Belardo Road Bridge Project once a week after the EPA audit was completed on June 7, 2012, to make certain that the consultant and contractor did not have NPDES violations. The project is now complete, but not yet open to the public. I have included a picture looking north on Belardo Road from a point just north of Mesquite Avenue, showing a clean street with no dirt in the public roadway.

CITY OF PALM SPRINGS
INCORPORATED 1938
CALIFORNIA

Response to Section 2.6.1 Potential Deficiency: Since the EPA audit, I have added verbiage from Section 6.2 of the Whitewater Region Stormwater Management Plan to the specifications for all City public works projects stating: "Public works construction projects monitoring includes site inspections before anticipated storm events and after actual storm events to verify SWPPP implementation, identify areas contributing to discharges of stormwater from the construction site, and determine if adequate BMPs have been properly implemented and maintained, or whether additional BMPs are needed."

Since the EPA audit in June of 2012, the City Qualified SWPPP Practitioner has conducted weekly NPDES inspections of the Belardo Road Bridge Project site, until its recent completion. Even though current and future public works projects in the City may hire a consultant that is contractually responsible for NPDES site inspections, for filling out inspection forms, and for the submission of findings back to the City for recordkeeping, the City's Project Manager for each specific public works project, will evaluate whether SWPPP BMPs are adequate, perform oversight of the NPDES consultant, making certain that the project and the required NPDES paperwork is in compliance with the MS4 permit. The City's Project Manager will communicate with and direct the applicable consultant on a public works project, to eliminate any NPDES violations observed by the City. On public works projects that do not have a consultant responsible for NPDES site inspection, reporting, and the submission of findings back to the City, the City QSP will inspect and evaluate whether SWPPP BMPs are adequate, record their inspections, and keep the records for a minimum of 5 years, in the same manner as is done for private development projects. The City will inspect public works projects at the frequencies stated in the MS4 Permit and will record those inspections in a manner consistent with the permit.

Response to Section 2.7.2 Deficiencies: The petroleum stains located on the west side of the equipment maintenance building at the City Yard were cleaned up on the afternoon of June 7, 2012. The City QSP and NPDES Coordinator now do monthly inspections of the City Yard, making certain that any petroleum stains have been removed from work surfaces and checking for any other NPDES violations; when violations are found, the staff at the City Yard are notified and remedy the situation as soon as possible.

The fifty-five gallon drums and smaller containers of unidentified chemicals (in the smaller areas of the City Yard surrounded by chain link fence and gates), have been identified and labeled on the containers, since the June, 2012 audit. I have enclosed pictures of how these deficiencies were remedied.

Response to Section 2.7.3 Recommendations: The requirement in the Whitewater River Region Stormwater Management Plan (SWMP) is for one annual inspection, with an update of the Municipal Facility Pollution Prevention Plan (MFPPP), for each of the respective municipal facilities as listed in Table 6-3 of the SWMP. The City policy is that any deficiencies found during the annual inspection of a municipal facility, are followed up on until the deficiency (ies) is abated.

In the future, all outdoor storage vessels will be placed in secondary containment. Petroleum-based stains on the pavement in the City Yard will be cleaned up immediately upon detection. A drain plug for the painting area in the City Yard is being purchased for use at the painting area. The inspection checklists provided in the MFPPP will continue to be used for the inspections at municipal facilities.

Response to Section 2.7.4 Recommendations: In the future, the NPDES Coordinator will assemble and read all annual reports during the first quarter of each calendar year, that were completed in conjunction with the MFPPPs and will follow up on any deficiencies noted in the reports. The City QSP will assist with any necessary follow-up inspections of municipal facilities.

The NPDES staff of the City of Palm Springs would like to sincerely thank the Inspection Team for the EPA audit and for all of your recommendations and suggestions for correction of deficiencies observed during the audit. We realize that by undergoing this audit, that our NPDES Stormwater program is a better and stronger program.

If you have any questions, I can be reached at (760) 323-8253, extension 8741.

Sincerely,

Carol Templeton

Carol Templeton
NPDES Coordinator
Engineering Associate

Attachments:

1) Standard Operating Procedure For Dealing With Illegal Discharges Into the Municipal Separate Storm Sewer System (MS4) Or Public Streets (dated September 4, 2012)
2) Clean Water Act 401 Certification for Belardo Road Bridge Project (dated August 30, 2010)
3) Department of the Army Nationwide Permit Authorization (dated August 31, 2010)
4) Photograph of Cleaned up petroleum stains in City Yard (dated September 10, 2012)
5) Photograph of labeled drum stored outside with secondary containment apparatus in City Yard (dated September 10, 2012)
6) Photograph of plug purchased since EPA Audit for Painting Area in City Yard (dated September 10, 2012)

cc: John Carmona of the CRBRWQCB via email; Doug Wylie of the CRBRWQCB via email; Anders Wistrom of the CRBRWQCB via email; David Ready, City Manager; EPA Audit file

CITY OF PALM SPRINGS
INCORPORATED 1938
CALIFORNIA

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105-3901

AUG 30 2010

City of Palm Springs
Public Works and Engineering
Palm Springs, CA 92262
ATTN: Marcus Fuller

Re: Clean Water Act § 401 certification for "Belardo Road Bridge," Riverside Co., CA. ; EPA file no. 0348

Dear Mr. Fuller:

We have reviewed your request for Clean Water Act (CWA) § 401 certification for the proposed Belardo Road Bridge and Roadway project over Tahquitz Creek, a tributary of the Whitewater River in the City of Palm Springs, California. The project lies within Agua Caliente Indian Reservation lands and within the Tribal Habitat Conservation Plan area. The project involves constructing a two-lane bridge on Belardo Road to connect the noncontiguous sections of Belardo Road between Mesquite Ave. and Sunny Dunes Road, and widen the roadway as necessary to create a uniform roadway width. The project will impact a total of 0.08 acres and 440 linear feet of permanent impacts to jurisdictional waters of the U.S.

We hereby grant CWA § 401 Certification for your project, with the following standard conditions:

1. Any excess material from construction, demolition wastes, wastewater, or any other pollutant must be appropriately disposed of outside jurisdictional waters.

2. No debris, cement, concrete (or wash water there from), oil, or petroleum products must be allowed to enter into or be placed where it may be washed from the project site by rainfall or runoff into the channel.

3. All open flow temporary diversion channels will be lined with filter fabric or plastic to prevent erosion and sediment transport.

4. Water used in dust suppression shall not contain contaminants that could violate surface water or aquifer standards.

5. An emergency spill kit must be at the project site at all times during project construction.

6. Construction vehicles and equipment must be monitored for leaks and proper BMPs must be implemented should leaks be detected or the vehicles/equipment must be removed from service, if necessary, to protect water quality.

7. Prior to construction, a National Pollutant Discharge Elimination System (NPDES) permit must be obtained in accordance with the Clean Water Act. A Stormwater Data Report (SWDR) shall be prepared to address short-term construction impacts associated with soil erosion and discharge of other construction related pollutants into water bodies. Erosion control measures include slope stabilization, the use of berms to direct runoff away from exposed soils and slopes, and proper grading techniques.

8. The City of Palm Springs will file a Notice of Intent with the State Water Resources Control Board (or EPA) for coverage under the state NPDES for construction related discharges. The City of Palm Springs will prepare a Storm Water Pollution Prevention Plan (SWPPP) that outlines BMPs that will be implemented on-site. The BMPs will be implemented to minimize spills and keep contaminated materials used during construction out of the drainage waterways as documented in the SWPPP.

9. In-channel work will not be performed proximate in time to high flow events or rainy periods.

10. A copy of this certification shall be provided to all contractors and subcontractors and be available at the project sites at all times.

11. To compensate for the 0.08 acres of permanent impacts to waters of the U.S., the City of Palm Springs, prior to project construction, shall purchase the equivalent of 0.16 acres of credit from the Center of Natural Lands Management/Tribal HCP Conservation Fund Account. Documentation of such transaction shall be submitted to EPA within 30 days of projects construction.

This certification is granted with the understanding that the U.S. Army Corps of Engineers is permitting this project under Nationwide Permit No. 14 (Linear Transportation Crossings).

If there are any substantive changes in the proposed project that may affect water quality, the applicant shall notify EPA. Failure to do so will result in revocation of this certification.

If you have any further questions regarding this certification, please contact Jorine Campopiano at 213.244.1808.

Sincerely,

Robert A. Lindy

for Jason Brush, Supervisor
Wetlands Regulatory Office

Cc (by email):
Sophia Huynh, U.S. Army Corps of Engineers, Los Angeles, CA
(Sophia.C.Huynh@usace.army.mil)

Margaret Park, Agua Caliente Band of Cahuilla Indians
(mpark@aguacaliente-nsn.gov)

Namat Hosseinion, Dokken Engineering
(nhosseinion@dokkenengineering.com)

DEPARTMENT OF THE ARMY
LOS ANGELES DISTRICT CORPS OF ENGINEERS
P.O. BOX 532711
LOS ANGELES, CALFORNIA 90053-2325

August 31, 2010

REPLY TO
ATTENTION OF:

Office of the Chief
Regulatory Division

DEPARTMENT OF THE ARMY NATIONWIDE PERMIT AUTHORIZATION

Marcus Fuller
C/O: Namat Hosseinion
Dokken Engineering
2365 Iron Point Road, Suite 200
Folsom, California 95630-8709

Dear Mr. Fuller:

This is in reply to your application (File No. SPL-2005-01303-SCH) dated January 21, 2010, for a Department of the Army Permit to discharge fill onto non-wetland waters of the U.S., in association with the BELARDO ROAD BRIDGE AND ROADWAY PROJECT. The project lies within Agua Caliente India Reservation lands and within the Tribal Habitat Conservation Plan area. The proposed work would take place over Tahquitz Creek, a tributary of the Whitewater River within the City of Palm Springs, Riverside County, California.

Based on the information you have provided, the Corps of Engineers has determined that your proposed activity complies with the enclosed terms and conditions of Nationwide Permit No. 14 Linear Transportation Projects., as described in enclosure 1.

Specifically, you are authorized to:

1. Permanently impact 0.08 acres of non-wetland waters of the U.S. for the relocation of an equestrian trail and placement of an abutment on the north side of the creek; and
2. Temporarily impact 0.13 acres of unvegetated channel to accommodate construction of the new span bridge.

Furthermore, you must comply with the following non-discretionary Special Conditions:

1. The permittee shall abide by the terms and conditions of the Clean Water Act Section 401 Certification (EPA file no. 0348) dated August 30, 2010.

2. Adverse impacts to waters of the U.S. beyond the Corps-approved 0.08 acre of permanent impacts and 0.13 acre of temporary impacts are not authorized. Impacts beyond the specified could result in permit suspension and revocation, administrative, civil or criminal penalties, and/or substantial, additional, compensatory mitigation requirements.

3. The permittee shall ensure that best management practices (BMPs) are implemented to minimize potential water pollution during construction.

4. A copy of the permit shall be on the job site at all times during construction. The permittee shall provide a copy of this permit to all contractors, subcontractors, and forepersons. The permittee shall require that all contractors and forepersons read this authorization in its entirety and acknowledge they understand its contents and their responsibility to ensure compliance with all general and special conditions contained herein. The permittee shall hold a pre-construction meeting with the contractor(s), the Corps of Engineers, and other appropriate resource agencies to discuss the special conditions of this authorization, as well as other relevant approvals.

Cultural Resources:

1. Pursuant to 36 C.F.R. section 800.13, in the event of any discoveries during construction of either human remains, archeological deposits, or any other type of historic property, the Permittee shall notify the Corps' Archeology Staff within 24 hours (Steve Dibble at 213-452-3849 or John Killeen at 213-452-3861). The Permittee shall immediately suspend all work in any area(s) where potential cultural resources are discovered. The Permittee shall not resume construction in the area surrounding the potential cultural resources until the Corps Regulatory Division re-authorizes project construction, per 36 C.F.R. section 800.13.

Endangered Species Act:

1. This Corps permit does not authorize you to take any threatened or endangered species, in particular the federally threatened Desert Tortoise (Gopherus agassizii) and the federally endangered Peninsular Bighorn Sheep (Ovis canadensis) or adversely modify its designated critical habitat. In order to legally take a listed species, you must have separate authorization under the Endangered Species Act (ESA) (e.g. ESA Section 10 permit, or a

Biological Opinion (BO) under ESA Section 7, with "incidental take" provisions with which you must comply). Pursuant to Jon Avery's correspondence dated February 2, 2010, including the required avoidance and minimization measures, the Corps Regulatory Division has determined and the FWS has concurred, that your activity is not likely to adversely affect the above species. Your authorization under this Corps permit is conditional upon your compliance with all of the required avoidance and minimization measures, which are incorporated by reference in this permit. Failure to comply with the required avoidance and minimization measures would constitute non-compliance with your Corps permit.

This verification is valid until the NWP is modified, reissued, or revoked. All of the existing NWPs are scheduled to be modified, reissued, or revoked prior to March 18, 2012. It is incumbent upon you to remain informed of changes to the NWPs. We will issue a public notice when the NWPs are reissued. Furthermore, if you commence or are under contract to commence this activity before the date that the relevant nationwide permit is modified or revoked, you will have twelve (12) months from the date of the modification or revocation of the NWP to complete the activity under the present terms and conditions of this nationwide permit.

A nationwide permit does not grant any property rights or exclusive privileges. Also, it does not authorize any injury to the property or rights of others or authorize interference with any existing or proposed Federal project. Furthermore, it does not obviate the need to obtain other Federal, state, or local authorizations required by law.

Thank you for participating in our regulatory program. If you have any questions, please contact Sophia Huynh of my staff at 213.452.3357 or via e-mail at Sophia.C.Huynh@usace.army.mil.

Please be advised that you can now comment on your experience with Regulatory Division by accessing the Corps web-based customer survey form at: http://per2.nwp.usace.army.mil/survey.html.

Sincerely,

Stephanie J. Hall
Senior Project Manager
Regulatory Division

Enclosure

LOS ANGELES DISTRICT
U.S. ARMY CORPS OF ENGINEERS

CERTIFICATION OF COMPLIANCE WITH
DEPARTMENT OF THE ARMY NATIONWIDE PERMIT

Permit Number: *SPL-2005-01303-SCH*

Name of Permittee: *Marcus Fuller, City of Palm Springs*

Date of Issuance: *August 31, 2010*

Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the following address:

U.S Army Corps of Engineers
Regulatory Division
ATTN: CESPL-RG-SPL-2005-01303-SCH

Please note that your permitted activity is subject to a compliance inspection by an Army Corps of Engineers representative. If you fail to comply with this nationwide permit you may be subject to permit suspension, modification, or revocation procedures as contained in 33 CFR 330.5 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5.

I hereby certify that the work authorized by the above referenced permit has been completed in accordance with the terms and conditions of the said permit, and required mitigation was completed in accordance with the permit condition(s).

Signature of Permittee _____ Date _____

Enclosure 1: NATIONWIDE PERMIT NUMBER(S) NWP 14 Linear Transportation Projects. TERMS AND CONDITIONS

1. **Nationwide Permit(s) NWP 14 Linear Transportation Projects. Terms:**

Your activity is authorized under Nationwide Permit Number(s) NWP 14 Linear Transportation Projects. subject to the following terms:

14. Linear Transportation Projects. Activities required for the construction, expansion, modification, or improvement of linear transportation projects (e.g., roads, highways, railways, trails, airport runways, and taxiways) in waters of the United States. For linear transportation projects in non-tidal waters, the discharge cannot cause the loss of greater than 1/2-acre of waters of the United States. For linear transportation projects in tidal waters, the discharge cannot cause the loss of greater than 1/3-acre of waters of the United States. Any stream channel modification, including bank stabilization, is limited to the minimum necessary to construct or protect the linear transportation project; such modifications must be in the immediate vicinity of the project. This NWP also authorizes temporary structures, fills, and work necessary to construct the linear transportation project. Appropriate measures must be taken to maintain normal downstream flows and minimize flooding to the maximum extent practicable, when temporary structures, work, and discharges, including cofferdams, are necessary for construction activities, access fills, or dewatering of construction sites. Temporary fills must consist of materials, and be placed in a manner, that will not be eroded by expected high flows. Temporary fills must be removed in their entirety and the affected areas returned to pre-construction elevations. The areas affected by temporary fills must be revegetated, as appropriate. This NWP cannot be used to authorize non-linear features commonly associated with transportation projects, such as vehicle maintenance or storage buildings, parking lots, train stations, or aircraft hangars. Notification: The permittee must submit a pre-construction notification to the district engineer prior to commencing the activity if: (1) the loss of waters of the United States exceeds 1/10 acre; or (2) there is a discharge in a special aquatic site, including wetlands. (See general condition 27.) (Sections 10 and 404) Note: Some discharges for the construction of farm roads or forest roads, or temporary roads for moving mining equipment, may qualify for an exemption under Section 404(f) of the Clean Water Act (see 33 CFR 323.4).

Note: To qualify for NWP authorization, the prospective permittee must comply with the following general conditions, as appropriate, in addition to any regional or case-specific conditions imposed by the division engineer or district engineer. Prospective permittees should contact the appropriate Corps district office to determine if regional conditions have been imposed on an NWP. Prospective permittees should also contact the appropriate Corps district office to determine the status of Clean Water Act Section 401 water quality certification and/or Coastal Zone Management Act consistency for an NWP.

2. **Nationwide Permit General Conditions:**

The following general conditions must be followed in order for any authorization by an NWP to be valid:

1. *Navigation.*

   (a) No activity may cause more than a minimal adverse effect on navigation.

   (b) Any safety lights and signals prescribed by the U.S. Coast Guard, through regulations or otherwise, must be installed and maintained at the permittee's expense on authorized facilities in navigable waters of the United States.

   (c) The permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

2. *Aquatic Life Movements.* No activity may substantially disrupt the necessary life cycle movements of those species of aquatic life indigenous to the waterbody, including those species that normally migrate through the area, unless the activity's primary purpose is to impound water. Culverts placed in streams must be installed to maintain low flow conditions.

3. *Spawning Areas.* Activities in spawning areas during spawning seasons must be avoided to the maximum extent practicable. Activities that result in the physical destruction (e.g., through excavation, fill, or downstream smothering by substantial turbidity) of an important spawning area are not authorized.

4. *Migratory Bird Breeding Areas.* Activities in waters of the United States that serve as breeding areas for migratory birds must be avoided to the maximum extent practicable.

5. *Shellfish Beds.* No activity may occur in areas of concentrated shellfish populations, unless the activity is directly related to a shellfish harvesting activity authorized by NWPs 4 and 48.

6. *Suitable Material.* No activity may use unsuitable material (e.g., trash, debris, car bodies, asphalt, etc.). Material used for construction or discharged must be free from toxic pollutants in toxic amounts (see Section 307 of the Clean Water Act).

7. *Water Supply Intakes.* No activity may occur in the proximity of a public water supply intake, except where the activity is for the repair or improvement of public water supply intake structures or adjacent bank stabilization.

8. *Adverse Effects From Impoundments.* If the activity creates an impoundment of water, adverse effects to the aquatic system due to accelerating the passage of water, and/or restricting its flow must be minimized to the maximum extent practicable.

9. *Management of Water Flows.* To the maximum extent practicable, the preconstruction course, condition, capacity, and location of open waters must be maintained for each activity, including stream channelization and storm water management activities, except as provided below. The activity must be constructed to withstand expected high flows. The activity must not restrict or impede the passage of normal or high flows, unless the primary purpose of the activity is to impound water or manage high flows. The activity may alter the preconstruction course, condition, capacity, and location of open waters if it benefits the aquatic environment (e.g., stream restoration or relocation activities).

10. *Fills Within 100-Year Floodplains.* The activity must comply with applicable FEMA-approved state or local floodplain management requirements.

11. *Equipment.* Heavy equipment working in wetlands or mudflats must be placed on mats, or other measures must be taken to minimize soil disturbance.

12. *Soil Erosion and Sediment Controls.* Appropriate soil erosion and sediment controls must be used and maintained in effective operating condition during construction, and all exposed soil and other fills, as well as any work below the ordinary high water mark or high tide line, must be permanently stabilized at the earliest practicable date. Permittees are encouraged to perform work within waters of the United States during periods of low-flow or no-flow.

13. *Removal of Temporary Fills.* Temporary fills must be removed in their entirety and the affected areas returned to pre-construction elevations. The affected areas must be revegetated, as appropriate.

14. *Proper Maintenance.* Any authorized structure or fill shall be properly maintained, including maintenance to ensure public safety.

15. *Wild and Scenic Rivers.* No activity may occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a "study river" for possible inclusion in the system while the river is in an official study status, unless the appropriate Federal agency with direct management responsibility for such river, has determined in writing that the proposed activity will not adversely affect the Wild and Scenic River designation or study status. Information on Wild and Scenic Rivers may be obtained from the appropriate Federal land management agency in the area (e.g., National Park Service, U.S. Forest Service, Bureau of Land Management, U.S. Fish and Wildlife Service).

16. *Tribal Rights.* No activity or its operation may impair reserved tribal rights, including, but not limited to, reserved water rights and treaty fishing and hunting rights.

17. *Endangered Species.*

    (a) No activity is authorized under any NWP which is likely to jeopardize the continued existence of a threatened or endangered species or a species proposed for such designation, as identified under the Federal Endangered Species Act (ESA), or which will destroy or adversely modify the critical habitat of such species. No activity is authorized under any NWP which "may affect" a listed species or critical habitat, unless Section 7 consultation addressing the effects of the proposed activity has been completed.

    (b) Federal agencies should follow their own procedures for complying with the requirements of the ESA. Federal permittees

must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements.

(c) Non-federal permittees shall notify the district engineer if any listed species or designated critical habitat might be affected or is in the vicinity of the project, or if the project is located in designated critical habitat, and shall not begin work on the activity until notified by the district engineer that the requirements of the ESA have been satisfied and that the activity is authorized. For activities that might affect Federally-listed endangered or threatened species or designated critical habitat, the pre-construction notification must include the name(s) of the endangered or threatened species that may be affected by the proposed work or that utilize the designated critical habitat that may be affected by the proposed work. The district engineer will determine whether the proposed activity "may affect" or will have "no effect" to listed species and designated critical habitat and will notify the non-Federal applicant of the Corps' determination within 45 days of receipt of a complete pre-construction notification. In cases where the non-Federal applicant has identified listed species or critical habitat that might be affected or is in the vicinity of the project, and has so notified the Corps, the applicant shall not begin work until the Corps has provided notification the proposed activities will have "no effect" on listed species or critical habitat, or until Section 7 consultation has been completed.

(d) As a result of formal or informal consultation with the FWS or NMFS the district engineer may add speciesspecific regional endangered species conditions to the NWPs. (e) Authorization of an activity by a NWP does not authorize the "take" of a threatened or endangered species as defined under the ESA. In the absence of separate authorization (e.g., an ESA Section 10 Permit, a Biological Opinion with "incidental take" provisions, etc.) from the U.S. FWS or the NMFS, both lethal and non-lethal "takes" of protected species are in violation of the ESA. Information on the location of threatened and endangered species and their critical habitat can be obtained directly from the offices of the U.S. FWS and NMFS or their world wide Web pages at *http://www.fws.gov/* and *http://www.noaa.gov/fisheries.html* respectively.

18. *Historic Properties.*

(a) In cases where the district engineer determines that the activity may affect properties listed, or eligible for listing, in the National Register of Historic Places, the activity is not authorized, until the requirements of Section 106 of the National Historic Preservation Act (NHPA) have been satisfied.

(b) Federal permittees should follow their own procedures for complying with the requirements of Section 106 of the National Historic Preservation Act. Federal permittees must provide the district engineer with the appropriate documentation to demonstrate compliance with those requirements.

(c) Non-federal permittees must submit a pre-construction notification to the district engineer if the authorized activity may have the potential to cause effects to any historic properties listed, determined to be eligible for listing on, or potentially eligible for listing on the National Register of Historic Places, including previously unidentified properties. For such activities, the preconstruction notification must state which historic properties may be affected by the proposed work or include a vicinity map indicating the location of the historic properties or the potential for the presence of historic properties. Assistance regarding information on the location of or potential for the presence of historic resources can be sought from the State Historic Preservation Officer or Tribal Historic Preservation Officer, as appropriate, and the National Register of Historic Places (see 33 CFR 330.4(g)). The district engineer shall make a reasonable and good faith effort to carry out appropriate identification efforts, which may include background research, consultation, oral history interviews, sample field investigation, and field survey. Based on the information submitted and these efforts, the district engineer shall determine whether the proposed activity has the potential to cause an effect on the historic properties. Where the non-Federal applicant has identified historic properties which the activity may have the potential to cause effects and so notified the Corps, the non-Federal applicant shall not begin the activity until notified by the district engineer either that the activity has no potential to cause effects or that consultation under Section 106 of the NHPA has been completed.

(d) The district engineer will notify the prospective permittee within 45 days of receipt of a complete preconstruction notification whether NHPA Section 106 consultation is required. Section 106 consultation is not required when the Corps determines that the activity does not have the potential to cause effects on historic properties (see 36 CFR 800.3(a)). If NHPA section 106 consultation is required and will occur, the district engineer will notify the non-Federal applicant that he or she cannot begin work until Section 106 consultation is completed.

(e) Prospective permittees should be aware that section 110k of the NHPA (16 U.S.C. 470h-2(k)) prevents the Corps from granting a permit or other assistance to an applicant who, with intent to avoid the requirements of Section 106 of the NHPA, has intentionally significantly adversely affected a historic property to which the permit would relate, or having legal power to prevent it, allowed such significant adverse effect to occur, unless the Corps, after consultation with the Advisory Council on Historic Preservation (ACHP), determines that circumstances justify granting such assistance despite the adverse effect

created or permitted by the applicant. If circumstances justify granting the assistance, the Corps is required to notify the ACHP and provide documentation specifying the circumstances, explaining the degree of damage to the integrity of any historic properties affected, and proposed mitigation. This documentation must include any views obtained from the applicant, SHPO/THPO, appropriate Indian tribes if the undertaking occurs on or affects historic properties on tribal lands or affects properties of interest to those tribes, and other parties known to have a legitimate interest in the impacts to the permitted activity on historic properties..

19. *Designated Critical Resource Waters.* Critical resource waters include: NOAA-designated marine sanctuaries, National Estuarine Research Reserves, state natural heritage sites, and outstanding national resource waters or other waters officially designated by a state as having particular environmental or ecological significance and identified by the district engineer after notice and opportunity for public comment. The district engineer may also designate additional critical resource waters after notice and opportunity for comment.

(a) Discharges of dredged or fill material into waters of the United States are not authorized by NWPs 7, 12, 14, 16, 17, 21, 29, 31, 35, 39, 40, 42, 43, 44, 49, and 50 for any activity within, or directly affecting, critical resource waters, including wetlands adjacent to such waters.

(b) For NWPs 3, 8, 10, 13, 15, 18, 19, 22, 23, 25, 27, 28, 30, 33, 34, 36, 37, and 38, notification is required in accordance with general condition 27, for any activity proposed in the designated critical resource waters including wetlands adjacent to those waters. The district engineer may authorize activities under these NWPs only after it is determined that the impacts to the critical resource waters will be no more than minimal.

20. *Mitigation.* The district engineer will consider the following factors when determining appropriate and practicable mitigation necessary to ensure that adverse effects on the aquatic environment are minimal:

(a) The activity must be designed and constructed to avoid and minimize adverse effects, both temporary and permanent, to waters of the United States to the maximum extent practicable at the project site (i.e., on site).

(b) Mitigation in all its forms (avoiding, minimizing, rectifying, reducing, or compensating) will be required to the extent necessary to ensure that the adverse effects to the aquatic environment are minimal.

(c) Compensatory mitigation at a minimum one-for-one ratio will be required for all wetland losses that exceed 1/10 acre and require preconstruction notification, unless the district engineer determines in writing that some other form of mitigation would be more environmentally appropriate and provides a project-specific waiver of this requirement. For wetland losses of 1/10 acre or less that require pre-construction notification, the district engineer may determine on a case-by-case basis that compensatory mitigation is required to ensure that the activity results in minimal adverse effects on the aquatic environment. Since the likelihood of success is greater and the impacts to potentially valuable uplands are reduced, wetland restoration should be the first compensatory mitigation option considered.

(d) For losses of streams or other open waters that require pre-construction notification, the district engineer may require compensatory mitigation, such as stream restoration, to ensure that the activity results in minimal adverse effects on the aquatic environment.

(e) Compensatory mitigation will not be used to increase the acreage losses allowed by the acreage limits of the NWPs. For example, if an NWP has an acreage limit of 1/2 acre, it cannot be used to authorize any project resulting in the loss of greater than 1/2 acre of waters of the United States, even if compensatory mitigation is provided that replaces or restores some of the lost waters. However, compensatory mitigation can and should be used, as necessary, to ensure that a project already meeting the established acreage limits also satisfies the minimal impact requirement associated with the NWPs.

(f) Compensatory mitigation plans for projects in or near streams or other open waters will normally include a requirement for the establishment, maintenance, and legal protection (e.g., conservation easements) of riparian areas next to open waters. In some cases, riparian areas may be the only compensatory mitigation required. Riparian areas should consist of native species. The width of the required riparian area will address documented water quality or aquatic habitat loss concerns. Normally, the riparian area will be 25 to 50 feet wide on each side of the stream, but the district engineer may require slightly wider riparian areas to address documented water quality or habitat loss concerns. Where both wetlands and open waters exist on the project site, the district engineer will determine the appropriate compensatory mitigation (e.g., riparian areas and/or wetlands compensation) based on what is best for the aquatic environment on a watershed basis. In cases where riparian areas are determined to be the most appropriate form of compensatory mitigation, the district engineer may waive or reduce the requirement to provide wetland compensatory mitigation for wetland losses.

(g) Permittees may propose the use of mitigation banks, in-lieu fee arrangements or separate activity-specific compensatory mitigation. In all cases, the mitigation provisions will specify the party responsible for accomplishing and/or complying with the mitigation plan.

(h) Where certain functions and services of waters of the United States are permanently adversely affected, such as the conversion of a forested or scrub-shrub wetland to a herbaceous wetland in a permanently maintained utility line right-of-way, mitigation may be required to reduce the adverse effects of the project to the minimal level.

21. *Water Quality.* Where States and authorized Tribes, or EPA where applicable, have not previously certified compliance of an NWP with CWA Section 401, individual 401 Water Quality Certification must be obtained or waived (see 33 CFR 330.4(c)). The district engineer or State or Tribe may require additional water quality management measures to ensure that the authorized activity does not result in more than minimal degradation of water quality.

22. *Coastal Zone Management.* In coastal states where an NWP has not previously received a state coastal zone management consistency concurrence, an individual state coastal zone management consistency concurrence must be obtained, or a presumption of concurrence must occur (see 33 CFR 330.4(d)). The district engineer or a State may require additional measures to ensure that the authorized activity is consistent with state coastal zone management requirements.

23. *Regional and Case-By-Case Conditions.* The activity must comply with any regional conditions that may have been added by the Division Engineer (see 33 CFR 330.4(e)) and with any case specific conditions added by the Corps or by the state, Indian Tribe, or U.S. EPA in its section 401 Water Quality Certification, or by the state in its Coastal Zone Management Act consistency determination.

24. *Use of Multiple Nationwide Permits.* The use of more than one NWP for a single and complete project is prohibited, except when the acreage loss of waters of the United States authorized by the NWPs does not exceed the acreage limit of the NWP with the highest specified acreage limit. For example, if a road crossing over tidal waters is constructed under NWP 14, with associated bank stabilization authorized by NWP 13, the maximum acreage loss of waters of the United States for the total project cannot exceed 1/3-acre.

25. *Transfer of Nationwide Permit Verifications.* If the permittee sells the property associated with a nationwide permit verification, the permittee may transfer the nationwide permit verification to the new owner by submitting a letter to the appropriate Corps district office to validate the transfer. A copy of the nationwide permit verification must be attached to the letter, and the letter must contain the following statement and signature:

"When the structures or work authorized by this nationwide permit are still in existence at the time the property is transferred, the terms and conditions of this nationwide permit, including any special conditions, will continue to be binding on the new owner(s) of the property. To validate the transfer of this nationwide permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below."

_____ _____

(Transferee) (Date)

26. *Compliance Certification.* Each permittee who received an NWP verification from the Corps must submit a signed certification regarding the completed work and any required mitigation. The certification form must be forwarded by the Corps with the NWP verification letter and will include:

(a) A statement that the authorized work was done in accordance with the NWP authorization, including any general or specific conditions;

(b) A statement that any required mitigation was completed in accordance with the permit conditions; and

(c) The signature of the permittee certifying the completion of the work and mitigation.

27. *Pre-Construction Notification.*

(a) *Timing.* Where required by the terms of the NWP, the prospective permittee must notify the district engineer by submitting a pre-construction notification (PCN) as early as possible. The district engineer must determine if the PCN is

complete within 30 calendar days of the date of receipt and, as a general rule, will request additional information necessary to make the PCN complete only once. However, if the prospective permittee does not provide all of the requested information, then the district engineer will notify the prospective permittee that the PCN is still incomplete and the PCN review process will not commence until all of the requested information has been received by the district engineer. The prospective permittee shall not begin the activity:

(1) Until notified in writing by the district engineer that the activity may proceed under the NWP with any special conditions imposed by the district or division engineer; or

(2) If 45 calendar days have passed from the district engineer's receipt of the complete PCN and the prospective permittee has not received written notice from the district or division engineer. However, if the permittee was required to notify the Corps pursuant to general condition 17 that listed species or critical habitat might be affected or in the vicinity of the project, or to notify the Corps pursuant to general condition 18 that the activity may have the potential to cause effects to historic properties, the permittee cannot begin the activity until receiving written notification from the Corps that is "no effect" on listed species or "no potential to cause effects" on historic properties, or that any consultation required under Section 7 of the Endangered Species Act (see 33 CFR 330.4(f)) and/or Section 106 of the National Historic Preservation (see 33 CFR 330.4(g)) is completed. Also, work cannot begin under NWPs 21, 49, or 50 until the permittee has received written approval from the Corps. If the proposed activity requires a written waiver to exceed specified limits of an NWP, the permittee cannot begin the activity until the district engineer issues the waiver. If the district or division engineer notifies the permittee in writing that an individual permit is required within 45 calendar days of receipt of a complete PCN, the permittee cannot begin the activity until an individual permit has been obtained. Subsequently, the permittee's right to proceed under the NWP may be modified, suspended, or revoked only in accordance with the procedure set forth in 33 CFR 330.5(d)(2).

(b) *Contents of Pre-Construction Notification*: The PCN must be in writing and include the following information:

(1) Name, address and telephone numbers of the prospective permittee;

(2) Location of the proposed project;

(3) A description of the proposed project; the project's purpose; direct and indirect adverse environmental effects the project would cause; any other NWP(s), regional general permit(s), or individual permit(s) used or intended to be used to authorize any part of the proposed project or any related activity. The description should be sufficiently detailed to allow the district engineer to determine that the adverse effects of the project will be minimal and to determine the need for compensatory mitigation. Sketches should be provided when necessary to show that the activity complies with the terms of the NWP. (Sketches usually clarify the project and when provided result in a quicker decision.);

(4) The PCN must include a delineation of special aquatic sites and other waters of the United States on the project site. Wetland delineations must be prepared in accordance with the current method required by the Corps. The permittee may ask the Corps to delineate the special aquatic sites and other waters of the United States, but there may be a delay if the Corps does the delineation, especially if the project site is large or contains many waters of the United States. Furthermore, the 45 day period will not start until the delineation has been submitted to or completed by the Corps, where appropriate;

(5) If the proposed activity will result in the loss of greater than 1/10 acre of wetlands and a PCN is required, the prospective permittee must submit a statement describing how the mitigation requirement will be satisfied. As an alternative, the prospective permittee may submit a conceptual or detailed mitigation plan;

(6) If any listed species or designated critical habitat might be affected or is in the vicinity of the project, or if the project is located in designated critical habitat, for non-Federal applicants the PCN must include the name(s) of those endangered or threatened species that might be affected by the proposed work or utilize the designated critical habitat that may be affected by the proposed work. Federal applicants must provide documentation demonstrating compliance with the Endangered Species Act; and

(7) For an activity that may affect a historic property listed on, determined to be eligible for listing on, or potentially eligible for listing on, the National Register of Historic Places, for non-Federal applicants the PCN must state which historic property may be affected by the proposed work or include a vicinity map indicating the location of the historic property. Federal applicants must provide documentation demonstrating compliance with Section 106 of the National Historic Preservation Act.

(c) *Form of Pre-Construction Notification*: The standard individual permit application form (Form ENG 4345) may be used, but the completed application form must clearly indicate that it is a PCN and must include all of the information required in paragraphs (b)(1) through (7) of this general condition. A letter containing the required information may also be used.

(d) *Agency Coordination:*

(1) The district engineer will consider any comments from Federal and state agencies concerning the proposed

activity's compliance with the terms and conditions of the NWPs and the need for mitigation to reduce the project's adverse environmental effects to a minimal level.

(2) For all NWP 48 activities requiring pre-construction notification and for other NWP activities requiring preconstruction notification to the district engineer that result in the loss of greater than 1/2-acre of waters of the United States, the district engineer will immediately provide (e.g., via facsimile transmission, overnight mail, or other expeditious manner) a copy of the PCN to the appropriate Federal or state offices (U.S. FWS, state natural resource or water quality agency, EPA, State Historic Preservation Officer (SHPO) or Tribal Historic Preservation Office (THPO), and, if appropriate, the NMFS). With the exception of NWP 37, these agencies will then have 10 calendar days from the date the material is transmitted to telephone or fax the district engineer notice that they intend to provide substantive, site-specific comments. If so contacted by an agency, the district engineer will wait an additional 15 calendar days before making a decision on the preconstruction notification. The district engineer will fully consider agency comments received within the specified time frame, but will provide no response to the resource agency, except as provided below. The district engineer will indicate in the administrative record associated with each preconstruction notification that the resource agencies' concerns were considered. For NWP 37, the emergency watershed protection and rehabilitation activity may proceed immediately in cases where there is an unacceptable hazard to life or a significant loss of property or economic hardship will occur. The district engineer will consider any comments received to decide whether the NWP 37 authorization should be modified, suspended, or revoked in accordance with the procedures at 33 CFR 330.5.

(3) In cases of where the prospective permittee is not a Federal agency, the district engineer will provide a response to NMFS within 30 calendar days of receipt of any Essential Fish Habitat conservation recommendations, as required by Section 305(b)(4)(B) of the Magnuson-Stevens Fishery Conservation and Management Act.

(4) Applicants are encouraged to provide the Corps multiple copies of pre-construction notifications to expedite agency coordination.

(5) For NWP 48 activities that require reporting, the district engineer will provide a copy of each report within 10 calendar days of receipt to the appropriate regional office of the NMFS.

(e) *District Engineer's Decision*: In reviewing the PCN for the proposed activity, the district engineer will determine whether the activity authorized by the NWP will result in more than minimal individual or cumulative adverse environmental effects or may be contrary to the public interest. If the proposed activity requires a PCN and will result in a loss of greater than 1/10 acre of wetlands, the prospective permittee should submit a mitigation proposal with the PCN. Applicants may also propose compensatory mitigation for projects with smaller impacts. The district engineer will consider any proposed compensatory mitigation the applicant has included in the proposal in determining whether the net adverse environmental effects to the aquatic environment of the proposed work are minimal. The compensatory mitigation proposal may be either conceptual or detailed. If the district engineer determines that the activity complies with the terms and conditions of the NWP and that the adverse effects on the aquatic environment are minimal, after considering mitigation, the district engineer will notify the permittee and include any conditions the district engineer deems necessary. The district engineer must approve any compensatory mitigation proposal before the permittee commences work. If the prospective permittee elects to submit a compensatory mitigation plan with the PCN, the district engineer will expeditiously review the proposed compensatory mitigation plan. The district engineer must review the plan within 45 calendar days of receiving a complete PCN and determine whether the proposed mitigation would ensure no more than minimal adverse effects on the aquatic environment. If the net adverse effects of the project on the aquatic environment (after consideration of the compensatory mitigation proposal) are determined by the district engineer to be minimal, the district engineer will provide a timely written response to the applicant. The response will state that the project can proceed under the terms and conditions of the NWP.

If the district engineer determines that the adverse effects of the proposed work are more than minimal, then the district engineer will notify the applicant either:

(1) That the project does not qualify for authorization under the NWP and instruct the applicant on the procedures to seek authorization under an individual permit;

(2) that the project is authorized under the NWP subject to the applicant's submission of a mitigation plan that would reduce the adverse effects on the aquatic environment to the minimal level; or

(3) that the project is authorized under the NWP with specific modifications or conditions.

Where the district engineer determines that mitigation is required to ensure no more than minimal adverse effects occur to the aquatic environment, the activity will be authorized within the 45-day PCN period. The authorization will include the necessary conceptual or specific mitigation or a requirement that the applicant submit a mitigation plan that would reduce the adverse effects on the aquatic environment to the minimal level. When mitigation is required, no work in waters of the United States may occur until the district engineer has approved a specific mitigation plan.

28. *Single and Complete Project.* The activity must be a single and complete project. The same NWP cannot be used more than once for the same single and complete project.

3. Regional Conditions for the Los Angeles District:

In accordance with General Condition Number 23, "Regional and Case-by-Case Conditions," the following Regional Conditions, as added by the Division Engineer, must be met in order for an authorization by any Nationwide to be valid:

1. For coastal watersheds from the southern reach of the Santa Monica Mountains in Los Angeles County to the San Luis Obispo County/Monterey County boundary, all road crossings must employ a bridge crossing design that ensures passage and/or spawning of steelhead (*Oncorhynchus mykiss*) is not hindered in any way. In these areas, bridge designs that span the stream or river, including designs for pier- or pile-supported spans, or designs based on use of a bottomless arch culvert simulating the natural stream bed (i.e., substrate and streamflow conditions in the culvert are similar to undisturbed stream bed channel conditions) shall be employed unless it can be demonstrated the stream or river does not support resources conducive to the recovery of federally listed anadromous salmonids, including migration of adults and smolts, or rearing and spawning. This proposal also excludes approach embankments into the channel unless they are determined to have no detectable effect on steelhead.

2. For the State of Arizona and the Mojave and Sonoran (Colorado) desert regions of California in Los Angeles District (generally north and east of the San Gabriel, San Bernardino, San Jacinto, and Santa Rosa mountain ranges, and south of Little Lake, Inyo County), no nationwide permit, except Nationwide Permits 1 (Aids to Navigation), 2 (Structures in Artificial Canals), 3 (Maintenance), 4 (Fish and Wildlife Harvesting, Enhancement, and Attraction Devices and Activities), 5 (Scientific Measurement Devices), 6 (Survey Activities), 9 (Structures in Fleeting and Anchorage Areas), 10 (Mooring Buoys), 11 (Temporary Recreational Structures), 20 (Oil Spill Cleanup), 22 (Removal of Vessels), 27 (Stream and Wetland Restoration Activities), 30 (Moist Soil Management for Wildlife), 31 (Maintenance of Existing Flood Control Projects), 32 (Completed Enforcement Actions), 35 (Maintenance Dredging of Existing Basins), 37 (Emergency Watershed Protection and Rehabilitation), 38 (Cleanup of Hazardous and Toxic Waste) and 47 (Pipeline Safety Program Designated Time Sensitive Inspections and Repairs), or other nationwide or regional general permits that specifically authorize maintenance of previously authorized structures or fill, can be used to authorize the discharge of dredged or fill material into a jurisdictional special aquatic site as defined at 40 CFR Part 230.40-45 (sanctuaries and refuges, wetlands, mudflats, vegetated shallows, coral reefs, and riffle-and-pool complexes).

3. For all projects proposed for authorization by nationwide or regional general permits where prior notification to the district engineer is required, applicants must provide color photographs or color photocopies of the project area taken from representative points documented on a site map. Pre-project photographs and the site map would be provided with the permit application. Photographs should represent conditions typical or indicative of the resources before impacts.

4. Notification pursuant to general condition 27 shall be required for projects in all special aquatic sites as defined at 40 CFR Part 230.40-45 (sanctuaries and refuges, wetlands, mudflats, vegetated shallows, coral reefs, and riffle-and-pool complexes), and in all perennial waterbodies in the State of Arizona and the Mojave and Sonoran (Colorado) desert regions of California in Los Angeles District (generally north and east of the San Gabriel, San Bernardino, San Jacinto, and Santa Rosa mountain ranges, and south of Little Lake, Inyo County), excluding the Colorado River from Davis Dam downstream to the north end of Topock and downstream of Imperial Dam (Federal Register dated March 12, 2007 (72 FR 11092) - regional conditions requiring notification do not apply to Nationwide Permit 47).

5. Notification pursuant to general condition 27 shall be required for projects in all areas designated as Essential Fish Habitat by the Pacific Fishery Management Council (i.e., all tidally influenced areas - Federal Register dated March 12, 2007 (72 FR 11092), regional conditions requiring notification do not apply to Nationwide Permit 47).

6. Notification pursuant to general condition 27 shall be required for projects in all watersheds in the Santa Monica Mountains in Los Angeles and Ventura counties bounded by Calleguas Creek on the west, by Highway 101 on the north and east, and by Sunset Boulevard and Pacific Ocean on the south (Federal Register dated March 12, 2007 (72 FR 11092) - regional conditions requiring notification do not apply to Nationwide Permit 47).

7. Individual permits shall be required for all discharges of fill material in jurisdictional vernal pools.

8. Individual permits shall be required in Murrieta Creek and Temecula Creek watersheds in Riverside County for new permanent fills in perennial and intermittent watercourses otherwise authorized under NWPs 29, 39, 42 and 43, and in ephemeral watercourses for these NWPs for projects that impact greater than 0.1 acre of waters of the United States. In addition, when NWP 14 is used in conjunction with residential, commercial, or industrial developments the 0.1 acre limit would also apply.

9. Individual permits shall be required in San Luis Obispo Creek and Santa Rosa Creek in San Luis Obispo County for bank stabilization projects, and in Gaviota Creek, Mission Creek and Carpinteria Creek in Santa Barbara County for bank stabilization projects and grade control structures.

10. Notification pursuant to general condition 27 shall be required for projects in the Santa Clara River watershed in Los Angeles and Ventura counties, including but not limited to Aliso Canyon, Agua Dulce Canyon, Sand Canyon, Bouquet Canyon, Mint Canyon, South Fork of the Santa Clara River, San Francisquito Canyon, Castaic Creek, Piru Creek, Sespe Creek and the main-stem of the Santa Clara River (Federal Register dated March 12, 2007 (72 FR 11092) - regional conditions requiring notification do not apply to Nationwide Permit 47).

4. **Further information:**

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:
   ( ) Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).
   (X) Section 404 of the Clean Water Act (33 U.S.C. 1344).
   ( ) Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization.
   (a) This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.
   (b) This permit does not grant any property rights or exclusive privileges.
   (c) This permit does not authorize any injury to the property or rights of others.
   (d) This permit does not authorize interference with any existing or proposed Federal project.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:
   (a) Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
   (b) Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
   (c) Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
   (d) Design or construction deficiencies associated with the permitted work.
   (e) Damage claims associated with any future modification, suspension, or revocation of this permit.

4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.

5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:
   (a) You fail to comply with the terms and conditions of this permit.
   (b) The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).
   (c) Significant new information surfaces which this office did not consider in reaching the original public interest decision.

   Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 330.5 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measure ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you

for the cost.

6. This letter of verification is valid for a period not to exceed two years unless the nationwide permit is modified, reissued, revoked, or expires before that time.

7. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition H below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

8. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished with the terms and conditions of your permit.

California Regional Water Quality Control Board
Santa Ana Region

Linda S. Adams
Secretary for Environmental Protection

3737 Main Street, Suite 500, Riverside, California 92501-3348
Phone (951) 782-4130 • FAX (951) 781-6288 • TDD (951) 782-3221
www.waterboards.ca.gov/santaana

Arnold Schwarzenegger
Governor

May 28, 2010

Mr. Richard Belmudez, City Manager
City of Perris
101 North "D" Street
Perris, CA 92570-1998

NOTICE OF VIOLATION - RIVERSIDE COUNTY MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) NPDES PERMIT NO. CAS618033, ORDER NO. R8-2010-0033 (MS4 PERMIT)

Dear Mr. Belmudez:

The MS4 Permit regulates the discharge of storm water from unincorporated areas and the incorporated cities within Riverside County, including the City of Perris. On April 29, 2010, we conducted an inspection of the City of Perris' municipal corporate yards. The primary goal of the inspection was to determine if the deficiencies identified during the 2006 program audit with respect to the City's corporate yards were corrected. As you know, Section XIV.A of the MS4 Permit and Chapter 5 of the Drainage Area Management Plan require the Permittees to develop and implement Facility Pollution Prevention Plans to ensure that Permittees' facilities and activities are not sources of pollutants to storm water. Please note that the April 29, 2010 program evaluation only focused on the facilities and activities related to the City's corporate yards. Other MS4 program elements have not been evaluated during this inspection.

During the inspection, we found the following record keeping and housekeeping violations:

1) A site-specific Facility Pollution Prevention Plan, Best Management Practice (BMP) inspection records, and facility staff training records were not available at any of the corporate yards for our review. Mr. Allen Yun, Special Districts Inspector with the City, stated that these records exist but the field services manager keeps them locked in his office.

2) At the G Street yard, we observed sediment in the concrete drainage swales leading to the storm water discharge outlet (see first page of the enclosed photographs).

3) There were 55-galon drums and 5-galon pails and other containers stored at the G. Street yard without a cover or a secondary containment (see Page 2 of the photographs). There were no BMPs implemented to address potential pollutants from the site such as sediment (noted above) and total petroleum hydrocarbons

(TPH) and other potential pollutants from the paint and waste oil storage areas (see second page of the photographs). Storm water runoff from this yard could carry pollutants to surface waters.

4) A former police yard on 4th and "G" Street is currently being utilized as a corporate yard, as depicted on the third page of the enclosed photographs. There were mulch and asphalt piles stored at the site without cover, or other BMPs. This site also had no inspection records or Facility Pollution Prevention Plan available at the site for review.

The above violations are similar to those found during the 2006 program evaluation. BMPs must be implemented **immediately** to reduce sources of pollutants in storm water runoff from the City's corporate yards. Unless control measures are implemented to eliminate exposure of potential pollutant sources, the City must develop a sampling and monitoring plan to collect and analyze storm water discharges from each discharge point from the corporate yards. Any sampling and monitoring plan developed should be consistent with the monitoring program and reporting requirements in Section B, starting on page 24 of the General Industrial Storm Water Permit at:
http://www.waterboards.ca.gov/water_issues/programs/stormwater/docs/induspmt.pdf

We request that the monitoring report be submitted with the MS4 Permit annual report.

By June 28, 2010, please provide a schedule and a plan to bring the City into full compliance with the MS4 Permit. Failure to submit the requested information or comply with the requested actions may result in further enforcement action. Please contact Keith Elliott at (951) 782-4925 or Milasol Gaslan at (951)782-4419 if you have any questions.

Sincerely,

Michael J. Adackapara
Division Chief

cc e-mail w/encl: Mr. Jason Uhley, Riverside County Flood Control District
Mr. Michael Morales, City of Perris NPDES Coordinator

Enclosure: Photographs (six photographs on three sheets)

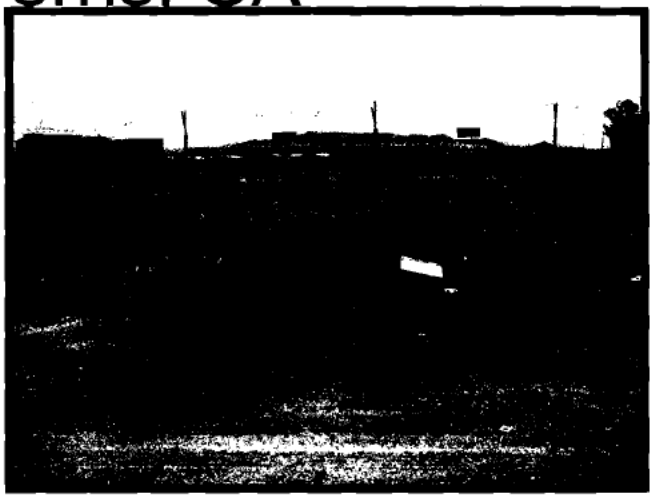
City of Perris
Audit 04-29-2010
G. Street Corporate Yard

- Generally poor housekeeping.
- Sediment buildup in drainage area near wash area, leading to discharge point.

•No BMPs at site.

City of Perris
Audit 04-29-2010
G. Street Corporate Yard

City of Perris
Audit 04-29-2010
Former Police Yard
4th & G Street, Perris, CA



No BMPs at site, except for large trash screen. Mulch waste at discharge point for lot.

Old Police Yard.
Currently City vehicles and waste materials are stored at this site.

June 28, 2012
CIWQS Place Number: 217833(STL)

Sent by email to JSbranti@ci.pittsburg.ca.us

Mr. Joe Sbranti
City Manager
City of Pittsburg
65 Civic Avenue
Pittsburg, California 94565

Subject: Notice of Violation from Review of 2010-11 Construction Inspection Information Pursuant to Provision C.6. of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit

Dear Mr. Sbranti:

This letter is to notify you that the City of Pittsburg (City) is in violation of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit (the MRP), which regulates stormwater discharges from municipalities and local agencies in Alameda, Contra Costa, San Mateo, and Santa Clara counties and in the cities of Fairfield, Suisun, and Vallejo. The City failed to have the appropriately formatted electronic database or tabular format for its inspections, to accurately report on some construction site inspections in its 2010-2011 Annual Report, to inspect one construction site monthly during the rainy season, and to completely fill out the inspection forms.

History
In a letter dated December 2, 2011, we requested the submittal of the City's 2010-11 tracking data that is required to be tracked in the City's electronic database or tabular format for each site inspection pursuant to Provision C.6.e.ii.(4) of the MRP.

Purpose and Evaluation Criteria
We evaluated the City's tracking data to determine its compliance with Provision C.6. of the MRP.

The tracking data table must contain the information listed in Provision C.6.3.ii.(4) for each construction site inspection. We evaluated the tracking data table to determine if the City implemented the following Provision C.6. requirements:

a) Inspect all high priority sites and all sites disturbing one or more acres of land monthly (from October through April), until sites are fully stabilized by landscaping or permanent erosion control measures. Inspections are conducted to determine BMP compliance for erosion control, control of run-off & run-on, sediment control, operation of active treatment systems, good site management, and non-stormwater management, and to look for active and/or recent illicit discharges;
b) Record data on an inspection form;
c) Implemented the Enforcement Response Plan; and

d) Verify that corrective actions were implemented before the next rain event, but no later than 10 business days after the violations were discovered.

Finally, we compared the tracking data to the information reported in the City's 2010-2011 Annual Report.

Evaluation of Submitted Inspection Forms and 2010-2011 Annual Report
Following are the results from our review of the City's 2010-2011 inspection forms and Annual Report:

1. In our letter dated December 2, 2011, we requested the submittal of the City's 2010-11 tracking data table that is required to be tracked in the City's electronic database or tabular format. The City submitted copies of inspection forms. All three of the Permittees in Contra Costa County that received our 2010-11 tracking data table request letter submitted copies of inspection forms. While a number of Permittees outside of Contra Costa County submitted copies of their inspection forms, they also all submitted a copy of their tracking data tables formatted like the tracking data table example included in the Fact Sheet of the MRP (page App I-52,53).

   We had a telephone conversation with Jolan Longway, of your staff. Based on this conversation, it is our understanding that what the City calls the copies of inspection forms the tracking data table. The three Permittees in Contra Costa County that received our 2010-11 tracking data table request letter met together and decided to submit the inspection forms in lieu of the requested tracking data table.

   We requested the 2009-2010 construction tracking data table from four other Permittees in Contra Costa County last year and they all submitted tracking data tables that were similar to the table example included in the Fact Sheet of the MRP.

   The other 15 Permittees not located in Contra Costa County all submitted 2010-2011 tracking data tables that also look very similar to the tracking data table example included in the Fact Sheet of the MRP (page App I-52,53). The majority of these tracking data tables are Excel tables.

   To facilitate our compliance analysis we entered the data from the City's inspection forms into the tabular format. See Attachment A.

2. The City demonstrated diligence by inspecting outside of the rainy season. Pursuant to Provision C.6., the City must require all construction sites to have appropriate BMPs year round to minimize pollutant discharge to receiving waters. We have seen non stormwater discharges, such as washing of landscaping materials, and washing of equipment used to paint, stucco, and spackle, from construction sites outside of the rainy season. First Baptist Church and La Almenara were inspected in September.

   We appreciate the City inspection of sites disturbing less than one acre of land and requiring them to implement appropriate controls. Pursuant to Provision C.6., the City must require all construction sites to have appropriate BMPs year round to minimize pollutant discharge to receiving waters. These smaller sites are not specifically required to be inspected under the MRP at a certain frequency and can be overlooked by City inspectors. The City's work with these smaller sites helps minimize the discharge of pollutants into receiving waters. 2010 Sidewalk Rehab, First Baptist Church, Frontage Improvement for 3rd Street and Railroad

Avenue, La Almenara, Old Town Drainage, New Bethel Church, and Power Avenue disturbed less than one acre of land and were regularly inspected by City inspectors.

3. The MRP requires the City to ensure that construction sites have effective controls until the sites are fully stabilized by landscaping or the installation of permanent erosion control measures. The City clearly demonstrated that it complied with the requirement for the following sites that were completed during the rainy season: 2010 Sidewalk Rehab and Power Avenue. The inspection form recorded "project complete".

   In the future, if a site is fully stabilized before the end of the rainy season, please clearly state in the tracking data table when it was stabilized. Also, if a site starts construction after October, please add a comment for the first inspection date of "First inspection". By adding "First inspection" and "Fully stabilized" to the tracking data table for applicable sites, MRP compliance will be clear.

4. The MRP requires the City to conduct monthly inspections, October through April, at all construction sites disturbing one or more acres of land and at all high priority sites, through all phases of construction until sites are fully stabilized. The City inspected most of its active sites at least once each month during the rainy season. The 2010-2011 rainy season was a very wet year. Frequent inspection and consistent enforcement help minimize the discharge of pollutants into receiving waters. Fire Prevention Bureau disturbs more than one acre of land and the City failed to inspect it in January and February 2011. Vista Del Mar disturbs more than one acre of land. The City's last inspection of this site was on December 22, 2010. Comments for this inspection state that only interior work was being done and it was nearly complete. It is unclear if this site was fully stabilized and all phases of construction were complete before the next scheduled inspection.

   The City must inspect all high priority sites and all sites disturbing one or more acre of land monthly during the rainy season, through all phases of construction. Please note that all phases of construction include (1) demolition, (2) grading, (3) pouring of foundation, (4) framing, (5) plumbing, mechanical, and electrical installations, (6) insulation and drywall installations, and (7) exterior and interior finishing. There are still plenty of opportunities for pollutant exposure and illicit discharges during phase (4) – (7) (for example, washing of painting, grout, and stucco equipment; and cutting of granite).

5. The City submitted copies of its inspections forms for all of its inspections. The inspection forms demonstrate that the City records its inspection data and observations on an inspection form as required by Provision C.6. However, the inspection form is missing the "Weather during inspection" field.

6. The data in the City's inspection forms did not match the City's Annual Report in a number of fields. Each inspection form has fields to note number of violations. It appears that none of the BMP violations noted as "Needs Attention" or "Violation" in the inspection forms were counted as violations in the annual report. It is unclear how the City determined the number of BMP violations for its Annual Report. The following table summarizes the fields in the City's inspection forms that do not match the data in the 2010-2011 Annual Report:

Required Information	**Inspection Forms**	**2010-2011 Annual Report**
# of sites disturbing one or more acres	8	4
Total # of inspections	197	176

Required Information	Inspection Forms	2010-2011 Annual Report
# of Erosion Violations	3	2
# of Run On and Run Off Violations	3	4
# of Sediment Violations	22	17
# of Good Site Management Violations	9	4
# of Non Stormwater Management Violations	2	0
# of Illicit Discharges	4	3
Number of Verbal Warnings	8	27 Verbal and written "Notices of Correction"
Number of Notices to Comply	3	
Number of Notices of Correction	1	

The City's tracking data table needs to match the information recorded in the inspection forms, and the information reported in the City's Annual Reports. Also , the City's tracking data table and inspection forms need to distinguish between non high priority sites that disturb less than one acre of soil and high priority sites that disturb less than one acre of soil.

7. We cannot determine from the inspection forms whether the City's Enforcement Response Plan includes a structure for progressively stricter responses and various violation scenarios that evoke progressively stricter responses, as required in Provision C.6. of the MRP.

   The inspection forms show that the City took enforcement for violations at the following sites:

Site	Date of Inspection	Violations	Enforcement Action
California Avenue Widening	11/8/10 11/22/10	Sediment Control	Verbal for each day of violation
California Avenue Widening	11/15/10	Sediment Control, Good Site Management	Verbal
Central Park Soccer Field, Corner Ptts/Ant HWY & E 14th Street	10/15/10	Good Site Management, Non Stormwater Management, and Illicit Discharge	Notice to Comply
Soccer Field, Corner Ptts/Ant HWY & E 14th Street	11/8/10	Sediment Control, Illicit Discharge	Verbal
Central Park Soccer Field, Corner of US Posco & P/A HWY	11/12/10	Illicit Discharge	Verbal
Frontage Improvements for 3rd & Railroad	11/19/10	Sediment Control, Good Site Management	Verbal
La Almenara	3/24/11	Sediment Control, Good Site Management, Non Stormwater Discharge, Illicit Discharge	Notice of Correction
Old Town Drainage Improvements	11/3/10	Sediment Control, Good Site Management	Verbal

Site	Date of Inspection	Violations	Enforcement Action
Route 4 Widening	1/13/11	Sediment Control	Notice to Comply
Route 4 Widening	3/14/11	Erosion Control, Sediment Control	Verbal
Vista Del Mar	12/17/10	Not marked but the comments state that the inlet filters were full of silt and water was backing up.	Notice to Comply

The inspection forms also show that violations were observed at the following sites but no enforcement actions were noted on the inspection forms:

Site	Date of Inspection	Violations
California Avenue Widening	11/29/10 12/6/10	Sediment Control
Central Park Soccer Field, Corner of US Posco & P/A HWY	11/8/10	"Contractor to touch up entrance"
Fire Prevention Bureau	12/13/10 3/7/11 4/4/11	Run on & Run Off, Sediment Control (The same violations for all three dates of inspection.)
Frontage Improvements for 3rd & Railroad	11/22/10	Sediment Control
La Almenara	10/21/10	"…residue from cutting PVC pipe on street."
Old Town Drainage Improvements	11/15/10	Good Site Management
Old Town Drainage Improvements	11/3/10	Sediment Control, Good Housekeeping
Old Town Drainage Improvements	12/1/10	Erosion Control
Route 4 Widening	1/6/11	Good Site Management
Route 4 Widening	1/25/11 2/1/11 2/17/11 3/21/11	Sediment Control
Route 4 Widening	3/7/11	Erosion Control
Vista Del Mar	10/25/10	Not marked but the comments state "…Relayed to inspector to have contractor address housekeeping issues."

8. The inspection forms show incomplete data recording. The City failed to completely fill out the inspection forms for a number of site inspections. The City must train its inspectors to fill out the inspection forms accurately and completely so the information recorded on the forms clearly represents the City's inspection activities:

   a. The illicit discharge field was left blank for 23 site visits.
   b. The "Was there rain with runoff after the problem was identified and before it was resolved?" field was left blank for all but two site inspections (Central Park Soccer Field, Corner Pitts/Ant Hwy & E14th Street on October 15, 2010 and November 8, 2010) that found violations.
   c. No specific BMPs violations were checked off for some sites (Central Park Soccer Field, Corner US Posco & P/A Hwy November 8 and 12, 2010, La Almenara October 21, 2010,

and Vista Del Mar October 25, 2010) that appeared to have violations based on the comments recorded for the inspection.

d. The City's inspection form includes fields for "Resolution" and "Date Problem Resolved". Of the 30 inspections that found violations, the "Resolution" field was filled out for six of those violations and the "Date Problem Resolved" field was filled out for four of those violations.

9. The inspections forms do not consistently show that corrective actions for violations were verified.

As stated in Comment 8.d. above, the "Date Problem Resolved" field was filled out for four of the 30 violations, Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street – November 8, 2010, Route 4 Widening – January 25, 2011 and February 1, 2011, and Vista Del Mar – December 17, 2010.

Corrective actions for two other inspection dates at sites with BMP violations (Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street's – October 15, 2010 and La Almenara – March 3, 2011) were verified during the next inspection of those sites, October 18, 2010 and April 7, 2011, respectively. The comments written for those "next" inspections indicate that corrective actions were implemented but the "Date Problem Resolved" field was just not filled out.

For the remaining violations, it was unclear from the inspection forms when corrective actions were verified. But the City was very proactive in ensuring that construction sites implemented appropriate measures to minimize the discharge of polluted runoff. Therefore, if the subsequent inspection occurred within 10 business days of when the violation was discovered, we assumed the corrective actions were verified during the next inspection. For example, the inspection form for Route 4 Widening on January 13, 2011 does not list a corrective action date but there is an inspection form for January 18, 2011. So, we assumed that the corrective actions for the January 13, 2011 violations were verified on January 18, 2011.

The City must ensure that corrective actions for violations are verified. The MRP requires timely correction of violations, before the next rain event but no later than 10 business days after the violations are discovered. Following are most of the BMP violations that do not appear to have clear corrective action verification dates:

Site	Inspection Date	Problems	Next Inspection Date	Rain Events
California Avenue Widening	11/15/10	Sediment Control, Good Site Management	11/22/10	November 19th, 0.39"
California Avenue Widening	11/22/10	Sediment Control	12/6/10	December 5th, 0.5"
California Avenue Widening	12/6/10	Sediment Control	No inspections after this date	
La Almenara	3/24/11	Sediment Control, Good Site Management, Non SW Management	4/7/11	March 24th 1.13" March 25th, 0.22"
Route 4 Widening	3/14/11	Erosion Control, Sediment Control	3/21/11	March 15th, 0.33" March 18th, 0.86" March 20th, 0.25"
Route 4 Widening	3/21/11	Sediment Control	4/5/11	March 23rd, 0.54"

Site	Inspection Date	Problems	Next Inspection Date	Rain Events
				March 24th, 1.13” March 25th, 0.22

The inspection form/tracking data table must clearly identify the date corrective actions were verified for violations. In addition, the City must ensure that corrective actions for violations are verified in a timely manner.

Required Actions

Within 30 days of the date of this letter, the City shall submit a copy of its Enforcement Response Plan for Provision C.6. Also, the City shall provide the following information:

(1) A copy of the electronic database/tabular format for C.6 inspection data described on pages App I-52,53 in the MRP Fact Sheet;
(2) Date when the City will train its staff on how to accurately fill out the inspection form, enter the information into the electronic database/tabular format, verify corrective actions in a timely manner, clearly identify the date corrective actions were verified for violations in its inspection forms and tracking data table, consistently implement its Enforcement Response Plan, and state when grading/demolition begins and when the site is fully stabilized by landscaping or the installation of permanent erosion control measures; and
(3) Procedure to ensure that the tracked data for Provision C.6. is consistent with the data in the inspection reports and the data reported in annual reports;

Once the staff training is complete, the City shall provide us a summary of the training, and the names and titles of staff who attended the training.

Should you require a paper copy of this letter, please email Selina Louie, of my staff, at slouie@waterboards.ca.gov or call her at (510) 622-2383. If you have questions regarding this matter, please call or email Selina Louie.

Sincerely,

Shin-Roei Lee, Chief
Watershed Management Division

cc: Jolan Longway, City of Pittsburg
Tom Dalziel, Contra Cost Clean Water Program

Attachment A

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1	1	2010 Sidewalk Rehab	12/2/10																			
1		2010 Sidewalk Rehab	12/3/10																			Project completed.
1	1	California Avenue Widening	11/8/10		Blank		1			1						1						
1		California Avenue Widening	11/15/10		Blank					1		1			Silt Fences/Compost Berm, Inlet Filters, Street Sweeping, Construction Materials	1						
1		California Avenue Widening	11/22/10		Blank					1					Inlet Filters	1			1			
1		California Avenue Widening	11/29/10		Blank					1					Inlet Filters							
1		California Avenue Widening	12/6/10		Blank					1					Inlet Filters							
1	1	Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	10/15/10		No		1					1	1	1	Construction Materials, Concrete Washout Area		1		1			Asked for concrete wash out to be installed & sent Notice of Correction to contractor. Dirt on site to be off hauled next week once soils analytics have been received.
1		Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	10/18/10																			Previous problem was resolved. Stockpiled soil is contained and will be offhauled this week.
1		Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	11/5/10																1			
1		Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	11/8/10		No					1				1	Entrance	1			1 Same Day			The entrance needs to addressed; dirt tracked onto the street. Contractor brought up sweeper to clean street and stabilize entrance. Fixed same day
1		Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	11/12/10																			
1	1	Central Park Soccer Field, Corner US Pasco & P/A Hwy	10/18/10				1															
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	10/25/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	10/28/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/1/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/7/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/8/10		Blank					1												Contractor to touch up entrance.
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/12/10		Blank					1				1		1			1			Contractor to touch up entrance.
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/19/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/20/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/24/10	pre rain																		
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/24/10	after run																		
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/5/10																			

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/6/10											Blank								
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/8/10											Blank								
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/17/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/19/10																			Project planting complete; site has no areas of potential erosion. Swales contain no mow fescue. No non stormwater site management because project is complete.
1	1	Fire Prevention Bureau	10/18/10				1															
1		Fire Prevention Bureau	10/25/10											Blank								
1		Fire Prevention Bureau	12/6/10											Blank								
1		Fire Prevention Bureau	12/13/10		Blank				1	1				Blank	Wattles/fiber rolls/compost sock; inlet filters; entrance; street sweeping; earth dikes/drainage swales							
1		Fire Prevention Bureau	3/7/11		Blank				1	1				Blank	Wattles/fiber rolls/compost sock; inlet filters; entrance; street sweeping; earth dikes/drainage swales							
1		Fire Prevention Bureau	4/4/11		Blank				1	1				Blank	Wattles/fiber rolls/compost sock; inlet filters; entrance; street sweeping; earth dikes/drainage swales							
1	1	First Baptist Church	9/29/10											Blank								
1		First Baptist Church	10/21/10																			
1		First Baptist Church	11/7/10																			
1		First Baptist Church	11/17/10																			
1		First Baptist Church	11/19/10																			
1		First Baptist Church	11/20/10																			
1		First Baptist Church	11/30/10																			
1		First Baptist Church	12/5/10																			
1		First Baptist Church	12/8/10																			
1		First Baptist Church	12/17/10																			
1		First Baptist Church	12/19/10																			
1		First Baptist Church	12/28/10																			
1		First Baptist Church	1/3/11																			
1		First Baptist Church	1/14/11																			
1		First Baptist Church	1/18/11																			
1		First Baptist Church	1/30/11																			
1	1	Frontage Improvements for 3rd & Railroad	11/5/10																			
1		Frontage Improvements for 3rd & Railroad	11/7/10																			
1		Frontage Improvements for 3rd & Railroad	11/12/10																			

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Frontage Improvements for 3rd & Railroad	11/19/10		Blank					1		1			Street sweeping; Construction materials; waste systems management; soil stockpiles	1			1			Streets need to be swept ASAP. Stock piles to be covered and waste needs to be removed from the site and disposed.
1		Frontage Improvements for 3rd & Railroad	11/20/10																			
1		Frontage Improvements for 3rd & Railroad	11/22/10		Blank					1					Street sweeping							
1		Frontage Improvements for 3rd & Railroad	11/26/10																			
1		Frontage Improvements for 3rd & Railroad	11/29/10																			Streets have been swept since the Notice of Correction was Issued.
1		Frontage Improvements for 3rd & Railroad	12/3/10																			
1		Frontage Improvements for 3rd & Railroad	12/5/10																			
1		Frontage Improvements for 3rd & Railroad	12/8/10																			
1		Frontage Improvements for 3rd & Railroad	12/17/10																			
1		Frontage Improvements for 3rd & Railroad	12/19/10																			
1		Frontage Improvements for 3rd & Railroad	12/28/10																			
1		Frontage Improvements for 3rd & Railroad	1/1/11																			
1		Frontage Improvements for 3rd & Railroad	1/2/11																			
1		Frontage Improvements for 3rd & Railroad	1/7/11																			
1		Frontage Improvements for 3rd & Railroad	1/14/11											Blank								
1		Frontage Improvements for 3rd & Railroad	1/21/11																			
1		Frontage Improvements for 3rd & Railroad	1/28/11											Blank								
1		Frontage Improvements for 3rd & Railroad	2/4/11																			
1	1	La Almenara	9/21/10																			
1		La Almenara	10/21/10		Blank							1										Sediment control measures: residue from cutting PVC Pipe on street (Observed). Contractor was told to clean up immediately and never do is again. Photo on file.
1		La Almenara	11/7/10																			
1		La Almenara	11/17/10																			
1		La Almenara	11/19/10																			
1		La Almenara	11/20/10																			
1		La Almenara	12/5/10																			
1		La Almenara	12/8/10																			

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Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		La Almenara	12/17/10																			
1		La Almenara	12/19/10																			
1		La Almenara	12/28/10																			
1		La Almenara	1/10/11																			
1		La Almenara	1/30/11																			
1		La Almenara	2/16/11																			
1		La Almenara	2/17/11																			
1		La Almenara	2/18/11																			
1		La Almenara	2/19/11																			
1		La Almenara	2/25/11																			
1		La Almenara	3/6/11																			
1		La Almenara	3/15/11																			
1		La Almenara	3/18/11																			
1		La Almenara	3/19/11																			
1		La Almenara	3/20/11																			
1		La Almenara	3/23/11																			
1		La Almenara	3/24/11		Blank					1		1	1	1	Silt Fences/compost berm; entrance, street sweeping; Construction materials; soil stockpiles; concrete washout			1	1			A Notice of Correction was issued to the developer for the following items to be corrected by 3/28/11: Soil stockpile protection, silt fences - perimeter repair, fiber rolls to be replace, concrete wash area, site entrance needs more rock.
1		La Almenara	4/7/11											Blank								Problems areas identified in the Notice of Correction were resolved on 3/25/11
1	1	New Bethel Church	10/29/10																			
1		New Bethel Church	11/22/10																			
1		New Bethel Church	11/30/10																			
1	1	Old Town Drainage Improvements	11/3/10		Blank					1		1			Wattles/fiber rolls/compost sock; soil stockpiles	1						Some attention is needed to make sure all waters are kept in place. Street sweeping on 11/2/10. Stock pile/Construction debris needs attention. Contractor to off-haul construction debris ASAP.
1		Old Town Drainage Improvements	11/15/10		Blank							1			Construction materials; waste systems management							Contractor to hand broadcast native seed mix on creek bank. Contractor built a modified dewatering system for water pumped from east to west side of creek while installing storm drain. Contractor to do some general clean up and off haul stockpile of dirt by Friday.
1		Old Town Drainage Improvements	11/23/10																			Contractor stabilized construction entrance on 11/22/10 Street was swept near entrance. Contractor off-hauled from site. Remaining materials will be covered with tarp.
1		Old Town Drainage Improvements	11/3/10		Blank					1		1			Wattles/fiber rolls/compost sock; soil stockpiles							
1		Old Town Drainage Improvements	12/1/10		Blank			1							Hydro seed/soil binder/composite blanket							

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Pittsburg 2010-2011 C.6. Data

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								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Old Town Drainage Improvements	12/14/10																			Contractor to spread native seed mix around the bank on west side of the driveway. Contractor no longer pumping across the D/W. Sedimentation basin removed. Excess dirt has been hauled off. No non stormwater management necessary. Structures already constructed; installation pending good weather.
1	1	Power Avenue and Stoneman Pedestrian Improvements	11/15/10																			
1		Power Avenue and Stoneman Pedestrian Improvements	11/24/10																			
1		Power Avenue and Stoneman Pedestrian Improvements	12/1/10																			
1		Power Avenue and Stoneman Pedestrian Improvements	12/14/10																			No BMPS for erosion control necessary because project involves installation of signs and striping. Sediment control measures include inlet protection for the work. No non stormwater management BMPs necessary as no other work conducted. Project complete.
1	1	Route 4 Widening	11/1/10				1															Local roads observed only
1		Route 4 Widening	11/8/10																			
1		Route 4 Widening	11/15/10																			Reviewed along local roadway network only for all categories.
1		Route 4 Widening	11/30/10																			Observed crews cleaning/maintaining inlet protection. Observed street sweeper working throughout project area. All stockpiles covered.
1		Route 4 Widening	12/6/10																			Sediment control measures: A lot of leaves on street after recent storms. Accumulations around inlets. Active work area at Century Blvd. Road is being swept.
1		Route 4 Widening	12/13/10																			Active work site at Century Boulevard. Soil tracked onto street. Sweeping observed.
1		Route 4 Widening	12/27/10											Blank								No work on local roadway network.
1		Route 4 Widening	1/6/11		Blank							1			Stockpiles							Sediment control measures: Some BMPs were damaged by the water main work in the median at Loveridge Road. Caltrans staff has directed contractor to restore. Good site management: Active work site in Loveridge Road median for the tie in of water main. Material stockpiled from excavation in median. Non-stormwater management: trench dewatering for water main tie in. Filter bag in use.
1		Route 4 Widening	1/10/11																			Sediment control measures: Site activities at Century Blvd and Loveridge Rd. Observed sweeping in progress. Dust is not a problem with current operations. With rain fail, the soil has sufficient moisture. Good site maintenance: Stockpile in median on Loveridge Rd at site of water main has been removed. Mulch applied over disturbed surface late in the day.
1		Route 4 Widening	1/13/11		Blank					1				Blank	Construction entrance; street sweeping		1					Sediment control measures: Received report from another City staff inspector of mud tracked onto Century Blvd. Not clear that Caltrans project is responsible. Highway right of way is fenced. CCWD or DDSD may be assessing area.

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								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Route 4 Widening	1/18/11											Blank								Sediment Control: Active work is at Century Blvd. Street sweeper in use on the local streets. Laborer with shovel scraping up mud on street. Sidewalk needs cleaning at North Park Blvd. and Standard Oil Ave.
1		Route 4 Widening	1/25/11		Blank					1				Blank	Dust control; check dams, street sweeping				#######			Active site at Century Blvd. Undercrossing. Vehicles and equipment accessing roadway at other than location of stabilized construction entrance. Access from Commerce Place caused damage to silt fence, mulch, seeding. Clean up was required on commerce place.
1		Route 4 Widening	2/1/11		Blank					1					Dust Control				2/2/2011			Active work sites at the following locations: Century Blvd at SR4 undercrossing, Loveridge Rd and California (N/W Quadrant) requested that project improve tracking control and clean inlets.
1		Route 4 Widening	2/7/11											Blank								Active work sites at the following locations on the local road network: Century at SR4, Loveridge @ California. Prior reported issues resolved as of 2/2/11.
1		Route 4 Widening	2/28/11																			
1		Route 4 Widening	2/17/11		Blank					1				Blank	Inlet filters							Limited activity. Streets cleaned. Muddy runoff noted on Piedmont Way and on Century Blvd. Several potential sources. Inlet on Century Blvd. needs cleaning. Observed street sweeper in operation. Noted that soil stockpiles behind K rail/fence on North Park Blvd have been covered. Notified OC Jones that Inlet on Century Blvd east of North Park needed cleaning. Water backing up onto street.
1		Route 4 Widening	3/7/11		Blank			1							Jute netting/fiber blankets; mulch; hydroseed/soil binder/composite blanket							Active work sites at Century Blvd., North Park Blvd Route 4 and Loveridge Road, and California Ave
1		Route 4 Widening	3/14/11		Blank			1		1					Mulch, hydroseed/soil binder/composite blanket; Wattles/fiber rolls/compost sock; silt fences/compost berm/ entrance	1						Sediment control measures: addressed concerns with work on the south side of North Park Blvd to Westley Pipes of Parsons/Caltrans staff. Pipes indicated that the inlet in the proximity were protected. No silt fence or wattles used. Pipes indicated project was in compliance. Will follow up with Caltrans and or contractor
1		Route 4 Widening	3/21/11		Blank					1					Inlet filters; street sweeping							Century Blvd needed sweeping at time of inspection. Later corrected
1		Route 4 Widening	4/5/11																			Sediment control measures: dirt tracked on local streets from fill operation. Street sweeper working. Laborer with shovels cleaning areas with heavier concentrations of material.
1		Route 4 Widening	4/11/11																			Soil tracked onto local roads from operations at North Park Blvd. Sweeper in operation on jobsite. Laborer with shovels doing cleanup; excavation and haul from surcharge area at Loveridge and SR4.
1	1	San Marco Residential	10/25/10				1															
1		San Marco Residential	11/8/10																			
1		San Marco Residential	11/15/10																			
1		San Marco Residential	11/29/10																			
1		San Marco Residential	12/6/10																			
1		San Marco Residential	12/13/10																			

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1		San Marco Residential, Unit 7	1/3/11																			
1		San Marco Residential Unit 8	1/3/11											Blank								
1		San Marco Residential, Unit 7	1/10/11																			
1		San Marco Residential Unit 8	1/10/11																			
1		San Marco Residential, Unit 7	1/18/11																			
1		San Marco Residential Unit 8	1/18/11																			
1		San Marco Residential, Unit 7	1/24/11																			
1		San Marco Residential Unit 8	1/24/11																			
1		San Marco Residential, Unit 7	1/31/11																			
1		San Marco Residential Unit 8	1/31/11											Blank								
1		San Marco Residential, Unit 7	2/7/11																			
1		San Marco Residential Unit 8	2/7/11																			
1		San Marco Residential, Unit 7	2/15/11																			
1		San Marco Residential Unit 8	2/15/11																			
1		San Marco Residential, Unit 7	2/22/11																			
1		San Marco Residential Unit 8	2/22/11																			
1		San Marco Residential, Unit 7	2/28/11																			
1		San Marco Residential Unit 8	2/28/11																			
1		San Marco Residential, Unit 7	3/7/11																			
1		San Marco Residential Unit 8	3/7/11																			
1		San Marco Residential, Unit 7	3/14/11																			
1		San Marco Residential Unit 8	3/14/11																			
1		San Marco Residential, Unit 7	3/21/11																			
1		San Marco Residential Unit 8	3/21/11																			
1		San Marco Residential, Unit 7	3/28/11																			
1		San Marco Residential Unit 8	3/28/11																			
1		San Marco Residential, Unit 7	4/4/11																			
1		San Marco Residential Unit 8	4/4/11																			
1		San Marco Residential, Unit 7	4/11/11																			
1		San Marco Residential Unit 8	4/11/11																			
1	1	Siena Court Apartments	11/8/10				1															

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								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Siena Court Apartments	11/15/10																			
1		Siena Court Apartments	11/22/10																			
1		Siena Court Apartments	11/29/10																			
1		Siena Court Apartments	12/6/10																			
1		Siena Court Apartments	12/13/10																			
1		Siena Court Apartments	1/3/11											Blank								
1		Siena Court Apartments	1/10/11											Blank								
1		Siena Court Apartments	1/18/11																			
1		Siena Court Apartments	1/24/11																			
1		Siena Court Apartments	1/31/11																			
1		Siena Court Apartments	2/7/11																			
1		Siena Court Apartments	2/15/11																			
1		Siena Court Apartments	2/22/11											Blank								
1		Siena Court Apartments	2/28/11																			
1		Siena Court Apartments	3/7/11																			
1		Siena Court Apartments	3/14/11																			
1		Siena Court Apartments	3/21/11																			
1		Siena Court Apartments	3/28/11																			
1		Siena Court Apartments	4/4/11																			
1		Siena Court Apartments	4/11/11											Blank								
1	1	Vista Del Mar	10/25/10		Blank		1															Erosion Control Measures - no BMPs, site hard surfaces completed. Roads paved and concrete flatwork complete. Site Work complete, only work consists of construction of house structure. Relayed to inspector to have contractor address housekeeping issues
1		Vista Del Mar	11/15/10																			
1		Vista Del Mar	11/22/10																			
1		Vista Del Mar	11/29/10																			
1		Vista Del Mar	12/6/10																			
1		Vista Del Mar	12/13/10																			
1		Vista Del Mar	12/17/10		Blank												1		12/21/10			No erosion control measures are in place because construction of site improvements has been completed. Only work remaining is the construction of homes and there are none active. Sediment control measures: at the east and west side of Tomales Bay Drive, the catch basins are covered with debris. The filters silt in place, however, they are so full of silt that water is actually standing in some basins. The water that was observed flowing into the storm drain itself was clear. Photos taken and superintendent and developer project manager notified of problem via email.
1		Vista Del Mar	12/21/10		Yes																	
1		Vista Del Mar	12/22/10																			Ashbridge Bay Drive is no longer under construction. Work on the site only consist of workers working on the interior of the homes, which is also nearly completed. No workers on site today. No further site work.

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Pittsburg 2010-2011 C.6. Data

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								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
197	15						8	3	3	22	0	9	2	4		8	3	1				

Data entered by Selina

CITY OF PITTSBURG
Engineering Department
Development Division
65 Civic Avenue
Pittsburg, CA 94565
(925) 252-4930 Fax (925) 252-6928

July 20, 2012

Shin-Roei Lee
San Francisco Regional
Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Re: Notice of Violation Pursuant to Provision C.6 of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit

Dear Ms. Lee,

This letter is in response to the Notice of Violation sent to the City of Pittsburg on June 28, 2012. We have reviewed your comments and suggestions with regard to the inspection database format, the content of construction site inspection reports, and enforcement actions with regard to our Enforcement Response Plan, and will be implementing these corrective actions immediately.

Enclosed per your request are the revised Construction Site Inspection database format, Construction Site Inspection Form, the City of Pittsburg's Enforcement Response Plan, and Agenda for our upcoming inspection and permitting staff training.

Revisions have been made to the Construction Site Inspection database format to be consistent with the example database provided in Appendix I in the Municipal Regional Permit. This was done to ensure all required inspection actions have been completed, all required corrective actions have been documented and addressed, and all required information reported in our Annual Report is complete. Fields have been added to the database and inspection forms to clarify dates of first inspections and dates when sites are fully stabilized (see attached revised Construction Site Inspection Form). A field indicating "Weather During Inspection" has also been included.

Inspectors will be trained to properly document their site inspections and to appropriately implement and interpret enforcement corrective actions as outlined in the City's Enforcement Response Plan so that inspection data collected will accurately reflect the City's compliance with Provision C.6. The training session is tentatively scheduled with staff for September 7,

2012 (see attached meeting Agenda). A summary of the training session will be forwarded to you once completed. With the revised database format and consistent understanding among staff on inspection and reporting procedures, data collected should be consistent with data reported on future annual reports.

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

Sincerely,

Jolan Longway
Civil Engineer II

CC: Joe Sbranti, City Manager
Keith Halvorson, City Engineer

Attachments: Enforcement Response Plan
Revised Construction Inspection Database
Revised Construction Inspection Form
Construction Site Inspection Training Agenda

May 9, 2012
CIWQS Place Number: 217833(JBO)

Sent by email to JSbranti@ci.pittsburg.ca.us

Mr. Joe Sbranti
City Manager
City of Pittsburg
65 Civic Avenue
Pittsburg, California 94565

Subject: Notice of Deficiency from 2010-11 Annual Report Review of Pesticide Toxicity Control Pursuant to Provision C.9. of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit

Dear Mr. Sbranti:

This letter is to the City of Pittsburg (the City) of a deficiency in the Pesticide Toxicity Control section of its 2010-11 Annual Report pursuant to Provision C.9 of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit (the MRP). The deficiencies and options for coming into full compliance are outlined below.

Deficiency

The City's Integrated Pest Management (IPM) should be improved as follows:

City contract specifications must require all structural and landscape pest control contractors hired by the City to follow the IPM hierarchy.

Compliance Options

In your next Annual Report, please briefly document how the City will correct these deficiencies. Some options for coming into full compliance are discussed below.

(1) Permittees who prefer to focus on performance over paperwork should consider the following compliance option: Rather than resubmit an improved IPM policy and contract specifications, track and report all pesticides used in the City. A continuing decline in overall pesticide usage would demonstrate that IPM is being implemented. Brief statements of IPM methods tried before resorting to pesticide usage may be needed as well, especially if usage increases or does not decrease over time. This may be an efficient compliance, because by law all pesticide use is reported to the Department of Pesticide Regulation (DPR), and thus the data should be available. The next Annual Report should include a table (or similar) to be used to collate/report all the City's pesticide usage and a brief description of how the data will be collected.

(2) You may amend your City's pest control contracts to include unambiguous specifications that contractors must follow the IPM hierarchy, signed by each landscape and structural weed and pest control contractor hired by the municipality. The contract should not contain statements that conflict with IPM principles, such as, an area must be maintained pest-free, or pests must be eradicated promptly. A copy of the specifications for each contractor should be included in the next Annual Report. If the new specifications cannot be enforced immediately, provide the date they will go into effect.

(3) The MRP allows Permittees to hire IPM-certified contractors to fulfill the requirements of Provision C.9.d. Under this option, the actual landscape and structural pest control contractor(s) who work within your City must have documented IPM certification. For contractors with GreenPro certification, the branch office that provides your pest control services must be specifically certified; we recommend requiring the branch office to have either gone through a field audit or to go through a field audit. Provide unambiguous documentation for each of your contractors in the next Annual Report.

Conclusion

The City of Pittsburg is not required to respond to this Notice of Deficiency now. We will review future Annual Reports to gauge the City's compliance with Provision C.9.

Should you have questions regarding this matter or require a paper copy of this letter, please contact Jan O'Hara, at johara@waterboards.ca.gov or (510) 622-5681.

Sincerely,

Shin-Roei Lee, Chief
Watershed Management Division

cc: Jolan Longway, Civil Engineer II jlongway@ci.pittsburg.ca.us
Tom Dalziel, Contra Costa Clean Water Program

June 28, 2012
CIWQS Place Number: 217833(STL)

Sent by email to JSbranti@ci.pittsburg.ca.us

Mr. Joe Sbranti
City Manager
City of Pittsburg
65 Civic Avenue
Pittsburg, California 94565

Subject: Notice of Violation from Review of 2010-11 Construction Inspection Information Pursuant to Provision C.6. of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit

Dear Mr. Sbranti:

This letter is to notify you that the City of Pittsburg (City) is in violation of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit (the MRP), which regulates stormwater discharges from municipalities and local agencies in Alameda, Contra Costa, San Mateo, and Santa Clara counties and in the cities of Fairfield, Suisun, and Vallejo. The City failed to have the appropriately formatted electronic database or tabular format for its inspections, to accurately report on some construction site inspections in its 2010-2011 Annual Report, to inspect one construction site monthly during the rainy season, and to completely fill out the inspection forms.

History
In a letter dated December 2, 2011, we requested the submittal of the City's 2010-11 tracking data that is required to be tracked in the City's electronic database or tabular format for each site inspection pursuant to Provision C.6.e.ii.(4) of the MRP.

Purpose and Evaluation Criteria
We evaluated the City's tracking data to determine its compliance with Provision C.6. of the MRP.

The tracking data table must contain the information listed in Provision C.6.3.ii.(4) for each construction site inspection. We evaluated the tracking data table to determine if the City implemented the following Provision C.6. requirements:

a) Inspect all high priority sites and all sites disturbing one or more acres of land monthly (from October through April), until sites are fully stabilized by landscaping or permanent erosion control measures. Inspections are conducted to determine BMP compliance for erosion control, control of run-off & run-on, sediment control, operation of active treatment systems, good site management, and non-stormwater management, and to look for active and/or recent illicit discharges;
b) Record data on an inspection form;
c) Implemented the Enforcement Response Plan; and

d) Verify that corrective actions were implemented before the next rain event, but no later than 10 business days after the violations were discovered.

Finally, we compared the tracking data to the information reported in the City's 2010-2011 Annual Report.

Evaluation of Submitted Inspection Forms and 2010-2011 Annual Report
Following are the results from our review of the City's 2010-2011 inspection forms and Annual Report:

1. In our letter dated December 2, 2011, we requested the submittal of the City's 2010-11 tracking data table that is required to be tracked in the City's electronic database or tabular format. The City submitted copies of inspection forms. All three of the Permittees in Contra Costa County that received our 2010-11 tracking data table request letter submitted copies of inspection forms. While a number of Permittees outside of Contra Costa County submitted copies of their inspection forms, they also all submitted a copy of their tracking data tables formatted like the tracking data table example included in the Fact Sheet of the MRP (page App I-52,53).

   We had a telephone conversation with Jolan Longway, of your staff. Based on this conversation, it is our understanding that what the City calls the copies of inspection forms the tracking data table. The three Permittees in Contra Costa County that received our 2010-11 tracking data table request letter met together and decided to submit the inspection forms in lieu of the requested tracking data table.

   We requested the 2009-2010 construction tracking data table from four other Permittees in Contra Costa County last year and they all submitted tracking data tables that were similar to the table example included in the Fact Sheet of the MRP.

   The other 15 Permittees not located in Contra Costa County all submitted 2010-2011 tracking data tables that also look very similar to the tracking data table example included in the Fact Sheet of the MRP (page App I-52,53). The majority of these tracking data tables are Excel tables.

   To facilitate our compliance analysis we entered the data from the City's inspection forms into the tabular format. See Attachment A.

2. The City demonstrated diligence by inspecting outside of the rainy season. Pursuant to Provision C.6., the City must require all construction sites to have appropriate BMPs year round to minimize pollutant discharge to receiving waters. We have seen non stormwater discharges, such as washing of landscaping materials, and washing of equipment used to paint, stucco, and spackle, from construction sites outside of the rainy season. First Baptist Church and La Almenara were inspected in September.

   We appreciate the City inspection of sites disturbing less than one acre of land and requiring them to implement appropriate controls. Pursuant to Provision C.6., the City must require all construction sites to have appropriate BMPs year round to minimize pollutant discharge to receiving waters. These smaller sites are not specifically required to be inspected under the MRP at a certain frequency and can be overlooked by City inspectors. The City's work with these smaller sites helps minimize the discharge of pollutants into receiving waters. 2010 Sidewalk Rehab, First Baptist Church, Frontage Improvement for 3rd Street and Railroad

Avenue, La Almenara, Old Town Drainage, New Bethel Church, and Power Avenue disturbed less than one acre of land and were regularly inspected by City inspectors.

3. The MRP requires the City to ensure that construction sites have effective controls until the sites are fully stabilized by landscaping or the installation of permanent erosion control measures. The City clearly demonstrated that it complied with the requirement for the following sites that were completed during the rainy season: 2010 Sidewalk Rehab and Power Avenue. The inspection form recorded "project complete".

   In the future, if a site is fully stabilized before the end of the rainy season, please clearly state in the tracking data table when it was stabilized. Also, if a site starts construction after October, please add a comment for the first inspection date of "First inspection". By adding "First inspection" and "Fully stabilized" to the tracking data table for applicable sites, MRP compliance will be clear.

4. The MRP requires the City to conduct monthly inspections, October through April, at all construction sites disturbing one or more acres of land and at all high priority sites, through all phases of construction until sites are fully stabilized. The City inspected most of its active sites at least once each month during the rainy season. The 2010-2011 rainy season was a very wet year. Frequent inspection and consistent enforcement help minimize the discharge of pollutants into receiving waters. Fire Prevention Bureau disturbs more than one acre of land and the City failed to inspect it in January and February 2011. Vista Del Mar disturbs more than one acre of land. The City's last inspection of this site was on December 22, 2010. Comments for this inspection state that only interior work was being done and it was nearly complete. It is unclear if this site was fully stabilized and all phases of construction were complete before the next scheduled inspection.

   The City must inspect all high priority sites and all sites disturbing one or more acre of land monthly during the rainy season, through all phases of construction. Please note that all phases of construction include (1) demolition, (2) grading, (3) pouring of foundation, (4) framing, (5) plumbing, mechanical, and electrical installations, (6) insulation and drywall installations, and (7) exterior and interior finishing. There are still plenty of opportunities for pollutant exposure and illicit discharges during phase (4) – (7) (for example, washing of painting, grout, and stucco equipment; and cutting of granite).

5. The City submitted copies of its inspections forms for all of its inspections. The inspection forms demonstrate that the City records its inspection data and observations on an inspection form as required by Provision C.6. However, the inspection form is missing the "Weather during inspection" field.

6. The data in the City's inspection forms did not match the City's Annual Report in a number of fields. Each inspection form has fields to note number of violations. It appears that none of the BMP violations noted as "Needs Attention" or "Violation" in the inspection forms were counted as violations in the annual report. It is unclear how the City determined the number of BMP violations for its Annual Report. The following table summarizes the fields in the City's inspection forms that do not match the data in the 2010-2011 Annual Report:

Required Information	**Inspection Forms**	**2010-2011 Annual Report**
# of sites disturbing one or more acres	8	4
Total # of inspections	197	176

Required Information	Inspection Forms	2010-2011 Annual Report
# of Erosion Violations	3	2
# of Run On and Run Off Violations	3	4
# of Sediment Violations	22	17
# of Good Site Management Violations	9	4
# of Non Stormwater Management Violations	2	0
# of Illicit Discharges	4	3
Number of Verbal Warnings	8	27 Verbal and written "Notices of Correction"
Number of Notices to Comply	3	
Number of Notices of Correction	1	

The City's tracking data table needs to match the information recorded in the inspection forms, and the information reported in the City's Annual Reports. Also , the City's tracking data table and inspection forms need to distinguish between non high priority sites that disturb less than one acre of soil and high priority sites that disturb less than one acre of soil.

7. We cannot determine from the inspection forms whether the City's Enforcement Response Plan includes a structure for progressively stricter responses and various violation scenarios that evoke progressively stricter responses, as required in Provision C.6. of the MRP.

   The inspection forms show that the City took enforcement for violations at the following sites:

Site	Date of Inspection	Violations	Enforcement Action
California Avenue Widening	11/8/10 11/22/10	Sediment Control	Verbal for each day of violation
California Avenue Widening	11/15/10	Sediment Control, Good Site Management	Verbal
Central Park Soccer Field, Corner Ptts/Ant HWY & E 14th Street	10/15/10	Good Site Management, Non Stormwater Management, and Illicit Discharge	Notice to Comply
Soccer Field, Corner Ptts/Ant HWY & E 14th Street	11/8/10	Sediment Control, Illicit Discharge	Verbal
Central Park Soccer Field, Corner of US Posco & P/A HWY	11/12/10	Illicit Discharge	Verbal
Frontage Improvements for 3rd & Railroad	11/19/10	Sediment Control, Good Site Management	Verbal
La Almenara	3/24/11	Sediment Control, Good Site Management, Non Stormwater Discharge, Illicit Discharge	Notice of Correction
Old Town Drainage Improvements	11/3/10	Sediment Control, Good Site Management	Verbal

Site	Date of Inspection	Violations	Enforcement Action
Route 4 Widening	1/13/11	Sediment Control	Notice to Comply
Route 4 Widening	3/14/11	Erosion Control, Sediment Control	Verbal
Vista Del Mar	12/17/10	Not marked but the comments state that the inlet filters were full of silt and water was backing up.	Notice to Comply

The inspection forms also show that violations were observed at the following sites but no enforcement actions were noted on the inspection forms:

Site	Date of Inspection	Violations
California Avenue Widening	11/29/10 12/6/10	Sediment Control
Central Park Soccer Field, Corner of US Posco & P/A HWY	11/8/10	"Contractor to touch up entrance"
Fire Prevention Bureau	12/13/10 3/7/11 4/4/11	Run on & Run Off, Sediment Control (The same violations for all three dates of inspection.)
Frontage Improvements for 3rd & Railroad	11/22/10	Sediment Control
La Almenara	10/21/10	"…residue from cutting PVC pipe on street."
Old Town Drainage Improvements	11/15/10	Good Site Management
Old Town Drainage Improvements	11/3/10	Sediment Control, Good Housekeeping
Old Town Drainage Improvements	12/1/10	Erosion Control
Route 4 Widening	1/6/11	Good Site Management
Route 4 Widening	1/25/11 2/1/11 2/17/11 3/21/11	Sediment Control
Route 4 Widening	3/7/11	Erosion Control
Vista Del Mar	10/25/10	Not marked but the comments state "…Relayed to inspector to have contractor address housekeeping issues."

8. The inspection forms show incomplete data recording. The City failed to completely fill out the inspection forms for a number of site inspections. The City must train its inspectors to fill out the inspection forms accurately and completely so the information recorded on the forms clearly represents the City's inspection activities:

   a. The illicit discharge field was left blank for 23 site visits.
   b. The "Was there rain with runoff after the problem was identified and before it was resolved?" field was left blank for all but two site inspections (Central Park Soccer Field, Corner Pitts/Ant Hwy & E14th Street on October 15, 2010 and November 8, 2010) that found violations.
   c. No specific BMPs violations were checked off for some sites (Central Park Soccer Field, Corner US Posco & P/A Hwy November 8 and 12, 2010, La Almenara October 21, 2010,

and Vista Del Mar October 25, 2010) that appeared to have violations based on the comments recorded for the inspection.

d. The City's inspection form includes fields for "Resolution" and "Date Problem Resolved". Of the 30 inspections that found violations, the "Resolution" field was filled out for six of those violations and the "Date Problem Resolved" field was filled out for four of those violations.

9. The inspections forms do not consistently show that corrective actions for violations were verified.

As stated in Comment 8.d. above, the "Date Problem Resolved" field was filled out for four of the 30 violations, Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street – November 8, 2010, Route 4 Widening – January 25, 2011 and February 1, 2011, and Vista Del Mar – December 17, 2010.

Corrective actions for two other inspection dates at sites with BMP violations (Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street's – October 15, 2010 and La Almenara – March 3, 2011) were verified during the next inspection of those sites, October 18, 2010 and April 7, 2011, respectively. The comments written for those "next" inspections indicate that corrective actions were implemented but the "Date Problem Resolved" field was just not filled out.

For the remaining violations, it was unclear from the inspection forms when corrective actions were verified. But the City was very proactive in ensuring that construction sites implemented appropriate measures to minimize the discharge of polluted runoff. Therefore, if the subsequent inspection occurred within 10 business days of when the violation was discovered, we assumed the corrective actions were verified during the next inspection. For example, the inspection form for Route 4 Widening on January 13, 2011 does not list a corrective action date but there is an inspection form for January 18, 2011. So, we assumed that the corrective actions for the January 13, 2011 violations were verified on January 18, 2011.

The City must ensure that corrective actions for violations are verified. The MRP requires timely correction of violations, before the next rain event but no later than 10 business days after the violations are discovered. Following are most of the BMP violations that do not appear to have clear corrective action verification dates:

Site	Inspection Date	Problems	Next Inspection Date	Rain Events
California Avenue Widening	11/15/10	Sediment Control, Good Site Management	11/22/10	November 19th, 0.39"
California Avenue Widening	11/22/10	Sediment Control	12/6/10	December 5th, 0.5"
California Avenue Widening	12/6/10	Sediment Control	No inspections after this date	
La Almenara	3/24/11	Sediment Control, Good Site Management, Non SW Management	4/7/11	March 24th 1.13" March 25th, 0.22"
Route 4 Widening	3/14/11	Erosion Control, Sediment Control	3/21/11	March 15th, 0.33" March 18th, 0.86" March 20th, 0.25"
Route 4 Widening	3/21/11	Sediment Control	4/5/11	March 23rd, 0.54"

Site	Inspection Date	Problems	Next Inspection Date	Rain Events
				March 24th, 1.13” March 25th, 0.22

The inspection form/tracking data table must clearly identify the date corrective actions were verified for violations. In addition, the City must ensure that corrective actions for violations are verified in a timely manner.

Required Actions

Within 30 days of the date of this letter, the City shall submit a copy of its Enforcement Response Plan for Provision C.6. Also, the City shall provide the following information:

(1) A copy of the electronic database/tabular format for C.6 inspection data described on pages App I-52,53 in the MRP Fact Sheet;
(2) Date when the City will train its staff on how to accurately fill out the inspection form, enter the information into the electronic database/tabular format, verify corrective actions in a timely manner, clearly identify the date corrective actions were verified for violations in its inspection forms and tracking data table, consistently implement its Enforcement Response Plan, and state when grading/demolition begins and when the site is fully stabilized by landscaping or the installation of permanent erosion control measures; and
(3) Procedure to ensure that the tracked data for Provision C.6. is consistent with the data in the inspection reports and the data reported in annual reports;

Once the staff training is complete, the City shall provide us a summary of the training, and the names and titles of staff who attended the training.

Should you require a paper copy of this letter, please email Selina Louie, of my staff, at slouie@waterboards.ca.gov or call her at (510) 622-2383. If you have questions regarding this matter, please call or email Selina Louie.

Sincerely,

Shin-Roei Lee, Chief
Watershed Management Division

cc: Jolan Longway, City of Pittsburg
Tom Dalziel, Contra Cost Clean Water Program

Attachment A

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1	1	2010 Sidewalk Rehab	12/2/10																			
1		2010 Sidewalk Rehab	12/3/10																			Project completed.
1	1	California Avenue Widening	11/8/10		Blank		1			1						1						
1		California Avenue Widening	11/15/10		Blank					1		1			Silt Fences/Compost Berm, Inlet Filters, Street Sweeping, Construction Materials	1						
1		California Avenue Widening	11/22/10		Blank					1					Inlet Filters	1			1			
1		California Avenue Widening	11/29/10		Blank					1					Inlet Filters							
1		California Avenue Widening	12/6/10		Blank					1					Inlet Filters							
1	1	Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	10/15/10		No		1					1	1	1	Construction Materials, Concrete Washout Area		1		1			Asked for concrete wash out to be installed & sent Notice of Correction to contractor. Dirt on site to be off hauled next week once soils analytics have been received.
1		Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	10/18/10																			Previous problem was resolved. Stockpiled soil is contained and will be offhauled this week.
1		Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	11/5/10																1			
1		Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	11/8/10		No					1				1	Entrance	1			1 Same Day			The entrance needs to addressed; dirt tracked onto the street. Contractor brought up sweeper to clean street and stabilize entrance. Fixed same day
1		Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	11/12/10																			
1	1	Central Park Soccer Field, Corner US Pasco & P/A Hwy	10/18/10				1															
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	10/25/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	10/28/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/1/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/7/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/8/10		Blank					1												Contractor to touch up entrance.
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/12/10		Blank					1				1		1			1			Contractor to touch up entrance.
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/19/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/20/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/24/10	pre rain																		
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/24/10	after run																		
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/5/10																			

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/6/10											Blank								
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/8/10											Blank								
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/17/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/19/10																			Project planting complete; site has no areas of potential erosion. Swales contain no mow fescue. No non stormwater site management because project is complete.
1	1	Fire Prevention Bureau	10/18/10				1															
1		Fire Prevention Bureau	10/25/10											Blank								
1		Fire Prevention Bureau	12/6/10											Blank								
1		Fire Prevention Bureau	12/13/10		Blank				1	1				Blank	Wattles/fiber rolls/compost sock; inlet filters; entrance; street sweeping; earth dikes/drainage swales							
1		Fire Prevention Bureau	3/7/11		Blank				1	1				Blank	Wattles/fiber rolls/compost sock; inlet filters; entrance; street sweeping; earth dikes/drainage swales							
1		Fire Prevention Bureau	4/4/11		Blank				1	1				Blank	Wattles/fiber rolls/compost sock; inlet filters; entrance; street sweeping; earth dikes/drainage swales							
1	1	First Baptist Church	9/29/10											Blank								
1		First Baptist Church	10/21/10																			
1		First Baptist Church	11/7/10																			
1		First Baptist Church	11/17/10																			
1		First Baptist Church	11/19/10																			
1		First Baptist Church	11/20/10																			
1		First Baptist Church	11/30/10																			
1		First Baptist Church	12/5/10																			
1		First Baptist Church	12/8/10																			
1		First Baptist Church	12/17/10																			
1		First Baptist Church	12/19/10																			
1		First Baptist Church	12/28/10																			
1		First Baptist Church	1/3/11																			
1		First Baptist Church	1/14/11																			
1		First Baptist Church	1/18/11																			
1		First Baptist Church	1/30/11																			
1	1	Frontage Improvements for 3rd & Railroad	11/5/10																			
1		Frontage Improvements for 3rd & Railroad	11/7/10																			
1		Frontage Improvements for 3rd & Railroad	11/12/10																			

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Frontage Improvements for 3rd & Railroad	11/19/10		Blank					1		1			Street sweeping; Construction materials; waste systems management; soil stockpiles	1			1			Streets need to be swept ASAP. Stock piles to be covered and waste needs to be removed from the site and disposed.
1		Frontage Improvements for 3rd & Railroad	11/20/10																			
1		Frontage Improvements for 3rd & Railroad	11/22/10		Blank					1					Street sweeping							
1		Frontage Improvements for 3rd & Railroad	11/26/10																			
1		Frontage Improvements for 3rd & Railroad	11/29/10																			Streets have been swept since the Notice of Correction was Issued.
1		Frontage Improvements for 3rd & Railroad	12/3/10																			
1		Frontage Improvements for 3rd & Railroad	12/5/10																			
1		Frontage Improvements for 3rd & Railroad	12/8/10																			
1		Frontage Improvements for 3rd & Railroad	12/17/10																			
1		Frontage Improvements for 3rd & Railroad	12/19/10																			
1		Frontage Improvements for 3rd & Railroad	12/28/10																			
1		Frontage Improvements for 3rd & Railroad	1/1/11																			
1		Frontage Improvements for 3rd & Railroad	1/2/11																			
1		Frontage Improvements for 3rd & Railroad	1/7/11																			
1		Frontage Improvements for 3rd & Railroad	1/14/11											Blank								
1		Frontage Improvements for 3rd & Railroad	1/21/11																			
1		Frontage Improvements for 3rd & Railroad	1/28/11											Blank								
1		Frontage Improvements for 3rd & Railroad	2/4/11																			
1	1	La Almenara	9/21/10																			
1		La Almenara	10/21/10		Blank							1										Sediment control measures: residue from cutting PVC Pipe on street (Observed). Contractor was told to clean up immediately and never do is again. Photo on file.
1		La Almenara	11/7/10																			
1		La Almenara	11/17/10																			
1		La Almenara	11/19/10																			
1		La Almenara	11/20/10																			
1		La Almenara	12/5/10																			
1		La Almenara	12/8/10																			

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		La Almenara	12/17/10																			
1		La Almenara	12/19/10																			
1		La Almenara	12/28/10																			
1		La Almenara	1/10/11																			
1		La Almenara	1/30/11																			
1		La Almenara	2/16/11																			
1		La Almenara	2/17/11																			
1		La Almenara	2/18/11																			
1		La Almenara	2/19/11																			
1		La Almenara	2/25/11																			
1		La Almenara	3/6/11																			
1		La Almenara	3/15/11																			
1		La Almenara	3/18/11																			
1		La Almenara	3/19/11																			
1		La Almenara	3/20/11																			
1		La Almenara	3/23/11																			
1		La Almenara	3/24/11		Blank					1		1	1	1	Silt Fences/compost berm; entrance, street sweeping; Construction materials; soil stockpiles; concrete washout			1	1			A Notice of Correction was issued to the developer for the following items to be corrected by 3/28/11: Soil stockpile protection, silt fences - perimeter repair, fiber rolls to be replace, concrete wash area, site entrance needs more rock.
1		La Almenara	4/7/11											Blank								Problems areas identified in the Notice of Correction were resolved on 3/25/11
1	1	New Bethel Church	10/29/10																			
1		New Bethel Church	11/22/10																			
1		New Bethel Church	11/30/10																			
1	1	Old Town Drainage Improvements	11/3/10		Blank					1		1			Wattles/fiber rolls/compost sock; soil stockpiles	1						Some attention is needed to make sure all waters are kept in place. Street sweeping on 11/2/10. Stock pile/Construction debris needs attention. Contractor to off-haul construction debris ASAP.
1		Old Town Drainage Improvements	11/15/10		Blank							1			Construction materials; waste systems management							Contractor to hand broadcast native seed mix on creek bank. Contractor built a modified dewatering system for water pumped from east to west side of creek while installing storm drain. Contractor to do some general clean up and off haul stockpile of dirt by Friday.
1		Old Town Drainage Improvements	11/23/10																			Contractor stabilized construction entrance on 11/22/10 Street was swept near entrance. Contractor off-hauled from site. Remaining materials will be covered with tarp.
1		Old Town Drainage Improvements	11/3/10		Blank					1		1			Wattles/fiber rolls/compost sock; soil stockpiles							
1		Old Town Drainage Improvements	12/1/10		Blank			1							Hydro seed/soil binder/composite blanket							

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Old Town Drainage Improvements	12/14/10																			Contractor to spread native seed mix around the bank on west side of the driveway. Contractor no longer pumping across the D/W. Sedimentation basin removed. Excess dirt has been hauled off. No non stormwater management necessary. Structures already constructed; installation pending good weather.
1	1	Power Avenue and Stoneman Pedestrian Improvements	11/15/10																			
1		Power Avenue and Stoneman Pedestrian Improvements	11/24/10																			
1		Power Avenue and Stoneman Pedestrian Improvements	12/1/10																			
1		Power Avenue and Stoneman Pedestrian Improvements	12/14/10																			No BMPS for erosion control necessary because project involves installation of signs and striping. Sediment control measures include inlet protection for the work. No non stormwater management BMPs necessary as no other work conducted. Project complete.
1	1	Route 4 Widening	11/1/10				1															Local roads observed only
1		Route 4 Widening	11/8/10																			
1		Route 4 Widening	11/15/10																			Reviewed along local roadway network only for all categories.
1		Route 4 Widening	11/30/10																			Observed crews cleaning/maintaining inlet protection. Observed street sweeper working throughout project area. All stockpiles covered.
1		Route 4 Widening	12/6/10																			Sediment control measures: A lot of leaves on street after recent storms. Accumulations around inlets. Active work area at Century Blvd. Road is being swept.
1		Route 4 Widening	12/13/10																			Active work site at Century Boulevard. Soil tracked onto street. Sweeping observed.
1		Route 4 Widening	12/27/10											Blank								No work on local roadway network.
1		Route 4 Widening	1/6/11		Blank							1			Stockpiles							Sediment control measures: Some BMPs were damaged by the water main work in the median at Loveridge Road. Caltrans staff has directed contractor to restore. Good site management: Active work site in Loveridge Road median for the tie in of water main. Material stockpiled from excavation in median. Non-stormwater management: trench dewatering for water main tie in. Filter bag in use.
1		Route 4 Widening	1/10/11																			Sediment control measures: Site activities at Century Blvd and Loveridge Rd. Observed sweeping in progress. Dust is not a problem with current operations. With rain fail, the soil has sufficient moisture. Good site maintenance: Stockpile in median on Loveridge Rd at site of water main has been removed. Mulch applied over disturbed surface late in the day.
1		Route 4 Widening	1/13/11		Blank					1				Blank	Construction entrance; street sweeping		1					Sediment control measures: Received report from another City staff inspector of mud tracked onto Century Blvd. Not clear that Caltrans project is responsible. Highway right of way is fenced. CCWD or DDSD may be assessing area.

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Route 4 Widening	1/18/11											Blank								Sediment Control: Active work is at Century Blvd. Street sweeper in use on the local streets. Laborer with shovel scraping up mud on street. Sidewalk needs cleaning at North Park Blvd. and Standard Oil Ave.
1		Route 4 Widening	1/25/11		Blank					1				Blank	Dust control; check dams, street sweeping				#######			Active site at Century Blvd. Undercrossing. Vehicles and equipment accessing roadway at other than location of stabilized construction entrance. Access from Commerce Place caused damage to silt fence, mulch, seeding. Clean up was required on commerce place.
1		Route 4 Widening	2/1/11		Blank					1					Dust Control				2/2/2011			Active work sites at the following locations: Century Blvd at SR4 undercrossing, Loveridge Rd and California (N/W Quadrant) requested that project improve tracking control and clean inlets.
1		Route 4 Widening	2/7/11											Blank								Active work sites at the following locations on the local road network: Century at SR4, Loveridge @ California. Prior reported issues resolved as of 2/2/11.
1		Route 4 Widening	2/28/11																			
1		Route 4 Widening	2/17/11		Blank					1				Blank	Inlet filters							Limited activity. Streets cleaned. Muddy runoff noted on Piedmont Way and on Century Blvd. Several potential sources. Inlet on Century Blvd. needs cleaning. Observed street sweeper in operation. Noted that soil stockpiles behind K rail/fence on North Park Blvd have been covered. Notified OC Jones that Inlet on Century Blvd east of North Park needed cleaning. Water backing up onto street.
1		Route 4 Widening	3/7/11		Blank			1							Jute netting/fiber blankets; mulch; hydroseed/soil binder/composite blanket							Active work sites at Century Blvd., North Park Blvd Route 4 and Loveridge Road, and California Ave
1		Route 4 Widening	3/14/11		Blank			1		1					Mulch, hydroseed/soil binder/composite blanket; Wattles/fiber rolls/compost sock; silt fences/compost berm/ entrance	1						Sediment control measures: addressed concerns with work on the south side of North Park Blvd to Westley Pipes of Parsons/Caltrans staff. Pipes indicated that the inlet in the proximity were protected. No silt fence or wattles used. Pipes indicated project was in compliance. Will follow up with Caltrans and or contractor
1		Route 4 Widening	3/21/11		Blank					1					Inlet filters; street sweeping							Century Blvd needed sweeping at time of inspection. Later corrected
1		Route 4 Widening	4/5/11																			Sediment control measures: dirt tracked on local streets from fill operation. Street sweeper working. Laborer with shovels cleaning areas with heavier concentrations of material.
1		Route 4 Widening	4/11/11																			Soil tracked onto local roads from operations at North Park Blvd. Sweeper in operation on jobsite. Laborer with shovels doing cleanup; excavation and haul from surcharge area at Loveridge and SR4.
1	1	San Marco Residential	10/25/10				1															
1		San Marco Residential	11/8/10																			
1		San Marco Residential	11/15/10																			
1		San Marco Residential	11/29/10																			
1		San Marco Residential	12/6/10																			
1		San Marco Residential	12/13/10																			

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		San Marco Residential, Unit 7	1/3/11																			
1		San Marco Residential Unit 8	1/3/11											Blank								
1		San Marco Residential, Unit 7	1/10/11																			
1		San Marco Residential Unit 8	1/10/11																			
1		San Marco Residential, Unit 7	1/18/11																			
1		San Marco Residential Unit 8	1/18/11																			
1		San Marco Residential, Unit 7	1/24/11																			
1		San Marco Residential Unit 8	1/24/11																			
1		San Marco Residential, Unit 7	1/31/11																			
1		San Marco Residential Unit 8	1/31/11											Blank								
1		San Marco Residential, Unit 7	2/7/11																			
1		San Marco Residential Unit 8	2/7/11																			
1		San Marco Residential, Unit 7	2/15/11																			
1		San Marco Residential Unit 8	2/15/11																			
1		San Marco Residential, Unit 7	2/22/11																			
1		San Marco Residential Unit 8	2/22/11																			
1		San Marco Residential, Unit 7	2/28/11																			
1		San Marco Residential Unit 8	2/28/11																			
1		San Marco Residential, Unit 7	3/7/11																			
1		San Marco Residential Unit 8	3/7/11																			
1		San Marco Residential, Unit 7	3/14/11																			
1		San Marco Residential Unit 8	3/14/11																			
1		San Marco Residential, Unit 7	3/21/11																			
1		San Marco Residential Unit 8	3/21/11																			
1		San Marco Residential, Unit 7	3/28/11																			
1		San Marco Residential Unit 8	3/28/11																			
1		San Marco Residential, Unit 7	4/4/11																			
1		San Marco Residential Unit 8	4/4/11																			
1		San Marco Residential, Unit 7	4/11/11																			
1		San Marco Residential Unit 8	4/11/11																			
1	1	Siena Court Apartments	11/8/10				1															

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Siena Court Apartments	11/15/10																			
1		Siena Court Apartments	11/22/10																			
1		Siena Court Apartments	11/29/10																			
1		Siena Court Apartments	12/6/10																			
1		Siena Court Apartments	12/13/10																			
1		Siena Court Apartments	1/3/11											Blank								
1		Siena Court Apartments	1/10/11											Blank								
1		Siena Court Apartments	1/18/11																			
1		Siena Court Apartments	1/24/11																			
1		Siena Court Apartments	1/31/11																			
1		Siena Court Apartments	2/7/11																			
1		Siena Court Apartments	2/15/11																			
1		Siena Court Apartments	2/22/11											Blank								
1		Siena Court Apartments	2/28/11																			
1		Siena Court Apartments	3/7/11																			
1		Siena Court Apartments	3/14/11																			
1		Siena Court Apartments	3/21/11																			
1		Siena Court Apartments	3/28/11																			
1		Siena Court Apartments	4/4/11																			
1		Siena Court Apartments	4/11/11											Blank								
1	1	Vista Del Mar	10/25/10		Blank		1															Erosion Control Measures - no BMPs, site hard surfaces completed. Roads paved and concrete flatwork complete. Site Work complete, only work consists of construction of house structure. Relayed to inspector to have contractor address housekeeping issues
1		Vista Del Mar	11/15/10																			
1		Vista Del Mar	11/22/10																			
1		Vista Del Mar	11/29/10																			
1		Vista Del Mar	12/6/10																			
1		Vista Del Mar	12/13/10																			
1		Vista Del Mar	12/17/10		Blank												1		12/21/10			No erosion control measures are in place because construction of site improvements has been completed. Only work remaining is the construction of homes and there are none active. Sediment control measures: at the east and west side of Tomales Bay Drive, the catch basins are covered with debris. The filters silt in place, however, they are so full of silt that water is actually standing in some basins. The water that was observed flowing into the storm drain itself was clear. Photos taken and superintendent and developer project manager notified of problem via email.
1		Vista Del Mar	12/21/10		Yes																	
1		Vista Del Mar	12/22/10																			Ashbridge Bay Drive is no longer under construction. Work on the site only consist of workers working on the interior of the homes, which is also nearly completed. No workers on site today. No further site work.

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
197	15						8	3	3	22	0	9	2	4		8	3	1				

Data entered by Selina

FY 2012-2013 CONSTRUCTION INSPECTION DATA

							PROBLEMS OBSERVED						
PERMIT NUMBER	**CONSTRUCTION STATUS**	**DATE OF INSPECTION**	**FACILITY / SITE INSPECTED**	**WEATHER DURING INSPECTION**	**INCHES OF RAIN SINCE LAST INSPECTION**	**ENFORCEMENT RESPONSE LEVEL**	*EROSION CONTROL*	*RUN-ON AND RUN-OFF CONTROL*	*SEDIMENT CONTROL*	*ACTIVE TREATMENT SYSTEM*	*GOOD SITE MANAGEMENT*	*NON STORMWATER MANAGEMENT*	*ILLICIT DISCHARGE*

	RESOLUTION			
SPECIFIC PROBLEM(S)	PROBLEMS FIXED	NEED MORE TIME	ESCALATE ENFORCEMENT	**COMMENTS/ RATIONALE FOR LONGER COMPLIANCE TIME**

			NUMBER OF ENFORCEMENT ACTIONS TAKEN				
TOTAL NUMBER OF INSPECTIONS	NUMBER OF SITES >1ACRE	NUMBER OF HIGH PRIORITY SITES	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	% OF ENFORCEMENT ACTIONS TAKEN

NUMBER OF VIOLATIONS PER BMP CATEGORY						
EROSION CONTROL	RUN-ON AND RUN-OFF CONTROL	SEDIMENT CONTROL	ACTIVE TREATMENT SYSTEMS	GOOD SITE MANAGEMENT	NON STORMWATER MANAGEMENT	% OF TOTAL VIOLATIONS

June 28, 2012
CIWQS Place Number: 217833(STL)

Sent by email to JSbranti@ci.pittsburg.ca.us

Mr. Joe Sbranti
City Manager
City of Pittsburg
65 Civic Avenue
Pittsburg, California 94565

Subject: Notice of Violation from Review of 2010-11 Construction Inspection Information Pursuant to Provision C.6. of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit

Dear Mr. Sbranti:

This letter is to notify you that the City of Pittsburg (City) is in violation of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit (the MRP), which regulates stormwater discharges from municipalities and local agencies in Alameda, Contra Costa, San Mateo, and Santa Clara counties and in the cities of Fairfield, Suisun, and Vallejo. The City failed to have the appropriately formatted electronic database or tabular format for its inspections, to accurately report on some construction site inspections in its 2010-2011 Annual Report, to inspect one construction site monthly during the rainy season, and to completely fill out the inspection forms.

History
In a letter dated December 2, 2011, we requested the submittal of the City's 2010-11 tracking data that is required to be tracked in the City's electronic database or tabular format for each site inspection pursuant to Provision C.6.e.ii.(4) of the MRP.

Purpose and Evaluation Criteria
We evaluated the City's tracking data to determine its compliance with Provision C.6. of the MRP.

The tracking data table must contain the information listed in Provision C.6.3.ii.(4) for each construction site inspection. We evaluated the tracking data table to determine if the City implemented the following Provision C.6. requirements:

a) Inspect all high priority sites and all sites disturbing one or more acres of land monthly (from October through April), until sites are fully stabilized by landscaping or permanent erosion control measures. Inspections are conducted to determine BMP compliance for erosion control, control of run-off & run-on, sediment control, operation of active treatment systems, good site management, and non-stormwater management, and to look for active and/or recent illicit discharges;
b) Record data on an inspection form;
c) Implemented the Enforcement Response Plan; and

d) Verify that corrective actions were implemented before the next rain event, but no later than 10 business days after the violations were discovered.

Finally, we compared the tracking data to the information reported in the City's 2010-2011 Annual Report.

Evaluation of Submitted Inspection Forms and 2010-2011 Annual Report
Following are the results from our review of the City's 2010-2011 inspection forms and Annual Report:

1. In our letter dated December 2, 2011, we requested the submittal of the City's 2010-11 tracking data table that is required to be tracked in the City's electronic database or tabular format. The City submitted copies of inspection forms. All three of the Permittees in Contra Costa County that received our 2010-11 tracking data table request letter submitted copies of inspection forms. While a number of Permittees outside of Contra Costa County submitted copies of their inspection forms, they also all submitted a copy of their tracking data tables formatted like the tracking data table example included in the Fact Sheet of the MRP (page App I-52,53).

   We had a telephone conversation with Jolan Longway, of your staff. Based on this conversation, it is our understanding that what the City calls the copies of inspection forms the tracking data table. The three Permittees in Contra Costa County that received our 2010-11 tracking data table request letter met together and decided to submit the inspection forms in lieu of the requested tracking data table.

   We requested the 2009-2010 construction tracking data table from four other Permittees in Contra Costa County last year and they all submitted tracking data tables that were similar to the table example included in the Fact Sheet of the MRP.

   The other 15 Permittees not located in Contra Costa County all submitted 2010-2011 tracking data tables that also look very similar to the tracking data table example included in the Fact Sheet of the MRP (page App I-52,53). The majority of these tracking data tables are Excel tables.

   To facilitate our compliance analysis we entered the data from the City's inspection forms into the tabular format. See Attachment A.

2. The City demonstrated diligence by inspecting outside of the rainy season. Pursuant to Provision C.6., the City must require all construction sites to have appropriate BMPs year round to minimize pollutant discharge to receiving waters. We have seen non stormwater discharges, such as washing of landscaping materials, and washing of equipment used to paint, stucco, and spackle, from construction sites outside of the rainy season. First Baptist Church and La Almenara were inspected in September.

   We appreciate the City inspection of sites disturbing less than one acre of land and requiring them to implement appropriate controls. Pursuant to Provision C.6., the City must require all construction sites to have appropriate BMPs year round to minimize pollutant discharge to receiving waters. These smaller sites are not specifically required to be inspected under the MRP at a certain frequency and can be overlooked by City inspectors. The City's work with these smaller sites helps minimize the discharge of pollutants into receiving waters. 2010 Sidewalk Rehab, First Baptist Church, Frontage Improvement for 3rd Street and Railroad

Avenue, La Almenara, Old Town Drainage, New Bethel Church, and Power Avenue disturbed less than one acre of land and were regularly inspected by City inspectors.

3. The MRP requires the City to ensure that construction sites have effective controls until the sites are fully stabilized by landscaping or the installation of permanent erosion control measures. The City clearly demonstrated that it complied with the requirement for the following sites that were completed during the rainy season: 2010 Sidewalk Rehab and Power Avenue. The inspection form recorded "project complete".

   In the future, if a site is fully stabilized before the end of the rainy season, please clearly state in the tracking data table when it was stabilized. Also, if a site starts construction after October, please add a comment for the first inspection date of "First inspection". By adding "First inspection" and "Fully stabilized" to the tracking data table for applicable sites, MRP compliance will be clear.

4. The MRP requires the City to conduct monthly inspections, October through April, at all construction sites disturbing one or more acres of land and at all high priority sites, through all phases of construction until sites are fully stabilized. The City inspected most of its active sites at least once each month during the rainy season. The 2010-2011 rainy season was a very wet year. Frequent inspection and consistent enforcement help minimize the discharge of pollutants into receiving waters. Fire Prevention Bureau disturbs more than one acre of land and the City failed to inspect it in January and February 2011. Vista Del Mar disturbs more than one acre of land. The City's last inspection of this site was on December 22, 2010. Comments for this inspection state that only interior work was being done and it was nearly complete. It is unclear if this site was fully stabilized and all phases of construction were complete before the next scheduled inspection.

   The City must inspect all high priority sites and all sites disturbing one or more acre of land monthly during the rainy season, through all phases of construction. Please note that all phases of construction include (1) demolition, (2) grading, (3) pouring of foundation, (4) framing, (5) plumbing, mechanical, and electrical installations, (6) insulation and drywall installations, and (7) exterior and interior finishing. There are still plenty of opportunities for pollutant exposure and illicit discharges during phase (4) – (7) (for example, washing of painting, grout, and stucco equipment; and cutting of granite).

5. The City submitted copies of its inspections forms for all of its inspections. The inspection forms demonstrate that the City records its inspection data and observations on an inspection form as required by Provision C.6. However, the inspection form is missing the "Weather during inspection" field.

6. The data in the City's inspection forms did not match the City's Annual Report in a number of fields. Each inspection form has fields to note number of violations. It appears that none of the BMP violations noted as "Needs Attention" or "Violation" in the inspection forms were counted as violations in the annual report. It is unclear how the City determined the number of BMP violations for its Annual Report. The following table summarizes the fields in the City's inspection forms that do not match the data in the 2010-2011 Annual Report:

Required Information	**Inspection Forms**	**2010-2011 Annual Report**
# of sites disturbing one or more acres	8	4
Total # of inspections	197	176

Required Information	Inspection Forms	2010-2011 Annual Report
# of Erosion Violations	3	2
# of Run On and Run Off Violations	3	4
# of Sediment Violations	22	17
# of Good Site Management Violations	9	4
# of Non Stormwater Management Violations	2	0
# of Illicit Discharges	4	3
Number of Verbal Warnings	8	27 Verbal and written "Notices of Correction"
Number of Notices to Comply	3	
Number of Notices of Correction	1	

The City's tracking data table needs to match the information recorded in the inspection forms, and the information reported in the City's Annual Reports. Also , the City's tracking data table and inspection forms need to distinguish between non high priority sites that disturb less than one acre of soil and high priority sites that disturb less than one acre of soil.

7. We cannot determine from the inspection forms whether the City's Enforcement Response Plan includes a structure for progressively stricter responses and various violation scenarios that evoke progressively stricter responses, as required in Provision C.6. of the MRP.

   The inspection forms show that the City took enforcement for violations at the following sites:

Site	Date of Inspection	Violations	Enforcement Action
California Avenue Widening	11/8/10 11/22/10	Sediment Control	Verbal for each day of violation
California Avenue Widening	11/15/10	Sediment Control, Good Site Management	Verbal
Central Park Soccer Field, Corner Ptts/Ant HWY & E 14th Street	10/15/10	Good Site Management, Non Stormwater Management, and Illicit Discharge	Notice to Comply
Soccer Field, Corner Ptts/Ant HWY & E 14th Street	11/8/10	Sediment Control, Illicit Discharge	Verbal
Central Park Soccer Field, Corner of US Posco & P/A HWY	11/12/10	Illicit Discharge	Verbal
Frontage Improvements for 3rd & Railroad	11/19/10	Sediment Control, Good Site Management	Verbal
La Almenara	3/24/11	Sediment Control, Good Site Management, Non Stormwater Discharge, Illicit Discharge	Notice of Correction
Old Town Drainage Improvements	11/3/10	Sediment Control, Good Site Management	Verbal

Site	Date of Inspection	Violations	Enforcement Action
Route 4 Widening	1/13/11	Sediment Control	Notice to Comply
Route 4 Widening	3/14/11	Erosion Control, Sediment Control	Verbal
Vista Del Mar	12/17/10	Not marked but the comments state that the inlet filters were full of silt and water was backing up.	Notice to Comply

The inspection forms also show that violations were observed at the following sites but no enforcement actions were noted on the inspection forms:

Site	Date of Inspection	Violations
California Avenue Widening	11/29/10 12/6/10	Sediment Control
Central Park Soccer Field, Corner of US Posco & P/A HWY	11/8/10	"Contractor to touch up entrance"
Fire Prevention Bureau	12/13/10 3/7/11 4/4/11	Run on & Run Off, Sediment Control (The same violations for all three dates of inspection.)
Frontage Improvements for 3rd & Railroad	11/22/10	Sediment Control
La Almenara	10/21/10	"…residue from cutting PVC pipe on street."
Old Town Drainage Improvements	11/15/10	Good Site Management
Old Town Drainage Improvements	11/3/10	Sediment Control, Good Housekeeping
Old Town Drainage Improvements	12/1/10	Erosion Control
Route 4 Widening	1/6/11	Good Site Management
Route 4 Widening	1/25/11 2/1/11 2/17/11 3/21/11	Sediment Control
Route 4 Widening	3/7/11	Erosion Control
Vista Del Mar	10/25/10	Not marked but the comments state "…Relayed to inspector to have contractor address housekeeping issues."

8. The inspection forms show incomplete data recording. The City failed to completely fill out the inspection forms for a number of site inspections. The City must train its inspectors to fill out the inspection forms accurately and completely so the information recorded on the forms clearly represents the City's inspection activities:

   a. The illicit discharge field was left blank for 23 site visits.
   b. The "Was there rain with runoff after the problem was identified and before it was resolved?" field was left blank for all but two site inspections (Central Park Soccer Field, Corner Pitts/Ant Hwy & E14th Street on October 15, 2010 and November 8, 2010) that found violations.
   c. No specific BMPs violations were checked off for some sites (Central Park Soccer Field, Corner US Posco & P/A Hwy November 8 and 12, 2010, La Almenara October 21, 2010,

and Vista Del Mar October 25, 2010) that appeared to have violations based on the comments recorded for the inspection.

d. The City's inspection form includes fields for "Resolution" and "Date Problem Resolved". Of the 30 inspections that found violations, the "Resolution" field was filled out for six of those violations and the "Date Problem Resolved" field was filled out for four of those violations.

9. The inspections forms do not consistently show that corrective actions for violations were verified.

As stated in Comment 8.d. above, the "Date Problem Resolved" field was filled out for four of the 30 violations, Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street – November 8, 2010, Route 4 Widening – January 25, 2011 and February 1, 2011, and Vista Del Mar – December 17, 2010.

Corrective actions for two other inspection dates at sites with BMP violations (Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street's – October 15, 2010 and La Almenara – March 3, 2011) were verified during the next inspection of those sites, October 18, 2010 and April 7, 2011, respectively. The comments written for those "next" inspections indicate that corrective actions were implemented but the "Date Problem Resolved" field was just not filled out.

For the remaining violations, it was unclear from the inspection forms when corrective actions were verified. But the City was very proactive in ensuring that construction sites implemented appropriate measures to minimize the discharge of polluted runoff. Therefore, if the subsequent inspection occurred within 10 business days of when the violation was discovered, we assumed the corrective actions were verified during the next inspection. For example, the inspection form for Route 4 Widening on January 13, 2011 does not list a corrective action date but there is an inspection form for January 18, 2011. So, we assumed that the corrective actions for the January 13, 2011 violations were verified on January 18, 2011.

The City must ensure that corrective actions for violations are verified. The MRP requires timely correction of violations, before the next rain event but no later than 10 business days after the violations are discovered. Following are most of the BMP violations that do not appear to have clear corrective action verification dates:

Site	Inspection Date	Problems	Next Inspection Date	Rain Events
California Avenue Widening	11/15/10	Sediment Control, Good Site Management	11/22/10	November 19th, 0.39"
California Avenue Widening	11/22/10	Sediment Control	12/6/10	December 5th, 0.5"
California Avenue Widening	12/6/10	Sediment Control	No inspections after this date	
La Almenara	3/24/11	Sediment Control, Good Site Management, Non SW Management	4/7/11	March 24th 1.13" March 25th, 0.22"
Route 4 Widening	3/14/11	Erosion Control, Sediment Control	3/21/11	March 15th, 0.33" March 18th, 0.86" March 20th, 0.25"
Route 4 Widening	3/21/11	Sediment Control	4/5/11	March 23rd, 0.54"

Site	Inspection Date	Problems	Next Inspection Date	Rain Events
				March 24th, 1.13” March 25th, 0.22

The inspection form/tracking data table must clearly identify the date corrective actions were verified for violations. In addition, the City must ensure that corrective actions for violations are verified in a timely manner.

Required Actions

Within 30 days of the date of this letter, the City shall submit a copy of its Enforcement Response Plan for Provision C.6. Also, the City shall provide the following information:

(1) A copy of the electronic database/tabular format for C.6 inspection data described on pages App I-52,53 in the MRP Fact Sheet;
(2) Date when the City will train its staff on how to accurately fill out the inspection form, enter the information into the electronic database/tabular format, verify corrective actions in a timely manner, clearly identify the date corrective actions were verified for violations in its inspection forms and tracking data table, consistently implement its Enforcement Response Plan, and state when grading/demolition begins and when the site is fully stabilized by landscaping or the installation of permanent erosion control measures; and
(3) Procedure to ensure that the tracked data for Provision C.6. is consistent with the data in the inspection reports and the data reported in annual reports;

Once the staff training is complete, the City shall provide us a summary of the training, and the names and titles of staff who attended the training.

Should you require a paper copy of this letter, please email Selina Louie, of my staff, at slouie@waterboards.ca.gov or call her at (510) 622-2383. If you have questions regarding this matter, please call or email Selina Louie.

Sincerely,

Shin-Roei Lee, Chief
Watershed Management Division

cc: Jolan Longway, City of Pittsburg
Tom Dalziel, Contra Cost Clean Water Program

Attachment A

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1	1	2010 Sidewalk Rehab	12/2/10																			
1		2010 Sidewalk Rehab	12/3/10																			Project completed.
1	1	California Avenue Widening	11/8/10		Blank		1			1						1						
1		California Avenue Widening	11/15/10		Blank					1		1			Silt Fences/Compost Berm, Inlet Filters, Street Sweeping, Construction Materials	1						
1		California Avenue Widening	11/22/10		Blank					1					Inlet Filters	1			1			
1		California Avenue Widening	11/29/10		Blank					1					Inlet Filters							
1		California Avenue Widening	12/6/10		Blank					1					Inlet Filters							
1	1	Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	10/15/10		No		1					1	1	1	Construction Materials, Concrete Washout Area		1		1			Asked for concrete wash out to be installed & sent Notice of Correction to contractor. Dirt on site to be off hauled next week once soils analytics have been received.
1		Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	10/18/10																			Previous problem was resolved. Stockpiled soil is contained and will be offhauled this week.
1		Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	11/5/10																1			
1		Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	11/8/10		No					1				1	Entrance	1			1 Same Day			The entrance needs to addressed; dirt tracked onto the street. Contractor brought up sweeper to clean street and stabilize entrance. Fixed same day
1		Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	11/12/10																			
1	1	Central Park Soccer Field, Corner US Pasco & P/A Hwy	10/18/10				1															
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	10/25/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	10/28/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/1/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/7/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/8/10		Blank					1												Contractor to touch up entrance.
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/12/10		Blank					1				1		1			1			Contractor to touch up entrance.
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/19/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/20/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/24/10	pre rain																		
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/24/10	after run																		
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/5/10																			

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/6/10											Blank								
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/8/10											Blank								
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/17/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/19/10																			Project planting complete; site has no areas of potential erosion. Swales contain no mow fescue. No non stormwater site management because project is complete.
1	1	Fire Prevention Bureau	10/18/10				1															
1		Fire Prevention Bureau	10/25/10											Blank								
1		Fire Prevention Bureau	12/6/10											Blank								
1		Fire Prevention Bureau	12/13/10		Blank				1	1				Blank	Wattles/fiber rolls/compost sock; inlet filters; entrance; street sweeping; earth dikes/drainage swales							
1		Fire Prevention Bureau	3/7/11		Blank				1	1				Blank	Wattles/fiber rolls/compost sock; inlet filters; entrance; street sweeping; earth dikes/drainage swales							
1		Fire Prevention Bureau	4/4/11		Blank				1	1				Blank	Wattles/fiber rolls/compost sock; inlet filters; entrance; street sweeping; earth dikes/drainage swales							
1	1	First Baptist Church	9/29/10											Blank								
1		First Baptist Church	10/21/10																			
1		First Baptist Church	11/7/10																			
1		First Baptist Church	11/17/10																			
1		First Baptist Church	11/19/10																			
1		First Baptist Church	11/20/10																			
1		First Baptist Church	11/30/10																			
1		First Baptist Church	12/5/10																			
1		First Baptist Church	12/8/10																			
1		First Baptist Church	12/17/10																			
1		First Baptist Church	12/19/10																			
1		First Baptist Church	12/28/10																			
1		First Baptist Church	1/3/11																			
1		First Baptist Church	1/14/11																			
1		First Baptist Church	1/18/11																			
1		First Baptist Church	1/30/11																			
1	1	Frontage Improvements for 3rd & Railroad	11/5/10																			
1		Frontage Improvements for 3rd & Railroad	11/7/10																			
1		Frontage Improvements for 3rd & Railroad	11/12/10																			

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Frontage Improvements for 3rd & Railroad	11/19/10		Blank					1		1			Street sweeping; Construction materials; waste systems management; soil stockpiles	1			1			Streets need to be swept ASAP. Stock piles to be covered and waste needs to be removed from the site and disposed.
1		Frontage Improvements for 3rd & Railroad	11/20/10																			
1		Frontage Improvements for 3rd & Railroad	11/22/10		Blank					1					Street sweeping							
1		Frontage Improvements for 3rd & Railroad	11/26/10																			
1		Frontage Improvements for 3rd & Railroad	11/29/10																			Streets have been swept since the Notice of Correction was Issued.
1		Frontage Improvements for 3rd & Railroad	12/3/10																			
1		Frontage Improvements for 3rd & Railroad	12/5/10																			
1		Frontage Improvements for 3rd & Railroad	12/8/10																			
1		Frontage Improvements for 3rd & Railroad	12/17/10																			
1		Frontage Improvements for 3rd & Railroad	12/19/10																			
1		Frontage Improvements for 3rd & Railroad	12/28/10																			
1		Frontage Improvements for 3rd & Railroad	1/1/11																			
1		Frontage Improvements for 3rd & Railroad	1/2/11																			
1		Frontage Improvements for 3rd & Railroad	1/7/11																			
1		Frontage Improvements for 3rd & Railroad	1/14/11											Blank								
1		Frontage Improvements for 3rd & Railroad	1/21/11																			
1		Frontage Improvements for 3rd & Railroad	1/28/11											Blank								
1		Frontage Improvements for 3rd & Railroad	2/4/11																			
1	1	La Almenara	9/21/10																			
1		La Almenara	10/21/10		Blank							1										Sediment control measures: residue from cutting PVC Pipe on street (Observed). Contractor was told to clean up immediately and never do is again. Photo on file.
1		La Almenara	11/7/10																			
1		La Almenara	11/17/10																			
1		La Almenara	11/19/10																			
1		La Almenara	11/20/10																			
1		La Almenara	12/5/10																			
1		La Almenara	12/8/10																			

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		La Almenara	12/17/10																			
1		La Almenara	12/19/10																			
1		La Almenara	12/28/10																			
1		La Almenara	1/10/11																			
1		La Almenara	1/30/11																			
1		La Almenara	2/16/11																			
1		La Almenara	2/17/11																			
1		La Almenara	2/18/11																			
1		La Almenara	2/19/11																			
1		La Almenara	2/25/11																			
1		La Almenara	3/6/11																			
1		La Almenara	3/15/11																			
1		La Almenara	3/18/11																			
1		La Almenara	3/19/11																			
1		La Almenara	3/20/11																			
1		La Almenara	3/23/11																			
1		La Almenara	3/24/11		Blank					1		1	1	1	Silt Fences/compost berm; entrance, street sweeping; Construction materials; soil stockpiles; concrete washout			1	1			A Notice of Correction was issued to the developer for the following items to be corrected by 3/28/11: Soil stockpile protection, silt fences - perimeter repair, fiber rolls to be replace, concrete wash area, site entrance needs more rock.
1		La Almenara	4/7/11											Blank								Problems areas identified in the Notice of Correction were resolved on 3/25/11
1	1	New Bethel Church	10/29/10																			
1		New Bethel Church	11/22/10																			
1		New Bethel Church	11/30/10																			
1	1	Old Town Drainage Improvements	11/3/10		Blank					1		1			Wattles/fiber rolls/compost sock; soil stockpiles	1						Some attention is needed to make sure all waters are kept in place. Street sweeping on 11/2/10. Stock pile/Construction debris needs attention. Contractor to off-haul construction debris ASAP.
1		Old Town Drainage Improvements	11/15/10		Blank							1			Construction materials; waste systems management							Contractor to hand broadcast native seed mix on creek bank. Contractor built a modified dewatering system for water pumped from east to west side of creek while installing storm drain. Contractor to do some general clean up and off haul stockpile of dirt by Friday.
1		Old Town Drainage Improvements	11/23/10																			Contractor stabilized construction entrance on 11/22/10 Street was swept near entrance. Contractor off-hauled from site. Remaining materials will be covered with tarp.
1		Old Town Drainage Improvements	11/3/10		Blank					1		1			Wattles/fiber rolls/compost sock; soil stockpiles							
1		Old Town Drainage Improvements	12/1/10		Blank			1							Hydro seed/soil binder/composite blanket							

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Old Town Drainage Improvements	12/14/10																			Contractor to spread native seed mix around the bank on west side of the driveway. Contractor no longer pumping across the D/W. Sedimentation basin removed. Excess dirt has been hauled off. No non stormwater management necessary. Structures already constructed; installation pending good weather.
1	1	Power Avenue and Stoneman Pedestrian Improvements	11/15/10																			
1		Power Avenue and Stoneman Pedestrian Improvements	11/24/10																			
1		Power Avenue and Stoneman Pedestrian Improvements	12/1/10																			
1		Power Avenue and Stoneman Pedestrian Improvements	12/14/10																			No BMPS for erosion control necessary because project involves installation of signs and striping. Sediment control measures include inlet protection for the work. No non stormwater management BMPs necessary as no other work conducted. Project complete.
1	1	Route 4 Widening	11/1/10				1															Local roads observed only
1		Route 4 Widening	11/8/10																			
1		Route 4 Widening	11/15/10																			Reviewed along local roadway network only for all categories.
1		Route 4 Widening	11/30/10																			Observed crews cleaning/maintaining inlet protection. Observed street sweeper working throughout project area. All stockpiles covered.
1		Route 4 Widening	12/6/10																			Sediment control measures: A lot of leaves on street after recent storms. Accumulations around inlets. Active work area at Century Blvd. Road is being swept.
1		Route 4 Widening	12/13/10																			Active work site at Century Boulevard. Soil tracked onto street. Sweeping observed.
1		Route 4 Widening	12/27/10											Blank								No work on local roadway network.
1		Route 4 Widening	1/6/11		Blank							1			Stockpiles							Sediment control measures: Some BMPs were damaged by the water main work in the median at Loveridge Road. Caltrans staff has directed contractor to restore. Good site management: Active work site in Loveridge Road median for the tie in of water main. Material stockpiled from excavation in median. Non-stormwater management: trench dewatering for water main tie in. Filter bag in use.
1		Route 4 Widening	1/10/11																			Sediment control measures: Site activities at Century Blvd and Loveridge Rd. Observed sweeping in progress. Dust is not a problem with current operations. With rain fail, the soil has sufficient moisture. Good site maintenance: Stockpile in median on Loveridge Rd at site of water main has been removed. Mulch applied over disturbed surface late in the day.
1		Route 4 Widening	1/13/11		Blank					1				Blank	Construction entrance; street sweeping		1					Sediment control measures: Received report from another City staff inspector of mud tracked onto Century Blvd. Not clear that Caltrans project is responsible. Highway right of way is fenced. CCWD or DDSD may be assessing area.

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Route 4 Widening	1/18/11											Blank								Sediment Control: Active work is at Century Blvd. Street sweeper in use on the local streets. Laborer with shovel scraping up mud on street. Sidewalk needs cleaning at North Park Blvd. and Standard Oil Ave.
1		Route 4 Widening	1/25/11		Blank					1				Blank	Dust control; check dams, street sweeping				#######			Active site at Century Blvd. Undercrossing. Vehicles and equipment accessing roadway at other than location of stabilized construction entrance. Access from Commerce Place caused damage to silt fence, mulch, seeding. Clean up was required on commerce place.
1		Route 4 Widening	2/1/11		Blank					1					Dust Control				2/2/2011			Active work sites at the following locations: Century Blvd at SR4 undercrossing, Loveridge Rd and California (N/W Quadrant) requested that project improve tracking control and clean inlets.
1		Route 4 Widening	2/7/11											Blank								Active work sites at the following locations on the local road network: Century at SR4, Loveridge @ California. Prior reported issues resolved as of 2/2/11.
1		Route 4 Widening	2/28/11																			
1		Route 4 Widening	2/17/11		Blank					1				Blank	Inlet filters							Limited activity. Streets cleaned. Muddy runoff noted on Piedmont Way and on Century Blvd. Several potential sources. Inlet on Century Blvd. needs cleaning. Observed street sweeper in operation. Noted that soil stockpiles behind K rail/fence on North Park Blvd have been covered. Notified OC Jones that Inlet on Century Blvd east of North Park needed cleaning. Water backing up onto street.
1		Route 4 Widening	3/7/11		Blank			1							Jute netting/fiber blankets; mulch; hydroseed/soil binder/composite blanket							Active work sites at Century Blvd., North Park Blvd Route 4 and Loveridge Road, and California Ave
1		Route 4 Widening	3/14/11		Blank			1		1					Mulch, hydroseed/soil binder/composite blanket; Wattles/fiber rolls/compost sock; silt fences/compost berm/ entrance	1						Sediment control measures: addressed concerns with work on the south side of North Park Blvd to Westley Pipes of Parsons/Caltrans staff. Pipes indicated that the inlet in the proximity were protected. No silt fence or wattles used. Pipes indicated project was in compliance. Will follow up with Caltrans and or contractor
1		Route 4 Widening	3/21/11		Blank					1					Inlet filters; street sweeping							Century Blvd needed sweeping at time of inspection. Later corrected
1		Route 4 Widening	4/5/11																			Sediment control measures: dirt tracked on local streets from fill operation. Street sweeper working. Laborer with shovels cleaning areas with heavier concentrations of material.
1		Route 4 Widening	4/11/11																			Soil tracked onto local roads from operations at North Park Blvd. Sweeper in operation on jobsite. Laborer with shovels doing cleanup; excavation and haul from surcharge area at Loveridge and SR4.
1	1	San Marco Residential	10/25/10				1															
1		San Marco Residential	11/8/10																			
1		San Marco Residential	11/15/10																			
1		San Marco Residential	11/29/10																			
1		San Marco Residential	12/6/10																			
1		San Marco Residential	12/13/10																			

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		San Marco Residential, Unit 7	1/3/11																			
1		San Marco Residential Unit 8	1/3/11											Blank								
1		San Marco Residential, Unit 7	1/10/11																			
1		San Marco Residential Unit 8	1/10/11																			
1		San Marco Residential, Unit 7	1/18/11																			
1		San Marco Residential Unit 8	1/18/11																			
1		San Marco Residential, Unit 7	1/24/11																			
1		San Marco Residential Unit 8	1/24/11																			
1		San Marco Residential, Unit 7	1/31/11																			
1		San Marco Residential Unit 8	1/31/11											Blank								
1		San Marco Residential, Unit 7	2/7/11																			
1		San Marco Residential Unit 8	2/7/11																			
1		San Marco Residential, Unit 7	2/15/11																			
1		San Marco Residential Unit 8	2/15/11																			
1		San Marco Residential, Unit 7	2/22/11																			
1		San Marco Residential Unit 8	2/22/11																			
1		San Marco Residential, Unit 7	2/28/11																			
1		San Marco Residential Unit 8	2/28/11																			
1		San Marco Residential, Unit 7	3/7/11																			
1		San Marco Residential Unit 8	3/7/11																			
1		San Marco Residential, Unit 7	3/14/11																			
1		San Marco Residential Unit 8	3/14/11																			
1		San Marco Residential, Unit 7	3/21/11																			
1		San Marco Residential Unit 8	3/21/11																			
1		San Marco Residential, Unit 7	3/28/11																			
1		San Marco Residential Unit 8	3/28/11																			
1		San Marco Residential, Unit 7	4/4/11																			
1		San Marco Residential Unit 8	4/4/11																			
1		San Marco Residential, Unit 7	4/11/11																			
1		San Marco Residential Unit 8	4/11/11																			
1	1	Siena Court Apartments	11/8/10				1															

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Siena Court Apartments	11/15/10																			
1		Siena Court Apartments	11/22/10																			
1		Siena Court Apartments	11/29/10																			
1		Siena Court Apartments	12/6/10																			
1		Siena Court Apartments	12/13/10																			
1		Siena Court Apartments	1/3/11											Blank								
1		Siena Court Apartments	1/10/11											Blank								
1		Siena Court Apartments	1/18/11																			
1		Siena Court Apartments	1/24/11																			
1		Siena Court Apartments	1/31/11																			
1		Siena Court Apartments	2/7/11																			
1		Siena Court Apartments	2/15/11																			
1		Siena Court Apartments	2/22/11											Blank								
1		Siena Court Apartments	2/28/11																			
1		Siena Court Apartments	3/7/11																			
1		Siena Court Apartments	3/14/11																			
1		Siena Court Apartments	3/21/11																			
1		Siena Court Apartments	3/28/11																			
1		Siena Court Apartments	4/4/11																			
1		Siena Court Apartments	4/11/11											Blank								
1	1	Vista Del Mar	10/25/10		Blank		1															Erosion Control Measures - no BMPs, site hard surfaces completed. Roads paved and concrete flatwork complete. Site Work complete, only work consists of construction of house structure. Relayed to inspector to have contractor address housekeeping issues
1		Vista Del Mar	11/15/10																			
1		Vista Del Mar	11/22/10																			
1		Vista Del Mar	11/29/10																			
1		Vista Del Mar	12/6/10																			
1		Vista Del Mar	12/13/10																			
1		Vista Del Mar	12/17/10		Blank												1		12/21/10			No erosion control measures are in place because construction of site improvements has been completed. Only work remaining is the construction of homes and there are none active. Sediment control measures: at the east and west side of Tomales Bay Drive, the catch basins are covered with debris. The filters silt in place, however, they are so full of silt that water is actually standing in some basins. The water that was observed flowing into the storm drain itself was clear. Photos taken and superintendent and developer project manager notified of problem via email.
1		Vista Del Mar	12/21/10		Yes																	
1		Vista Del Mar	12/22/10																			Ashbridge Bay Drive is no longer under construction. Work on the site only consist of workers working on the interior of the homes, which is also nearly completed. No workers on site today. No further site work.

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
197	15						8	3	3	22	0	9	2	4		8	3	1				

Data entered by Selina

June 28, 2012
CIWQS Place Number: 217833(STL)

Sent by email to JSbranti@ci.pittsburg.ca.us

Mr. Joe Sbranti
City Manager
City of Pittsburg
65 Civic Avenue
Pittsburg, California 94565

Subject: Notice of Violation from Review of 2010-11 Construction Inspection Information Pursuant to Provision C.6. of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit

Dear Mr. Sbranti:

This letter is to notify you that the City of Pittsburg (City) is in violation of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit (the MRP), which regulates stormwater discharges from municipalities and local agencies in Alameda, Contra Costa, San Mateo, and Santa Clara counties and in the cities of Fairfield, Suisun, and Vallejo. The City failed to have the appropriately formatted electronic database or tabular format for its inspections, to accurately report on some construction site inspections in its 2010-2011 Annual Report, to inspect one construction site monthly during the rainy season, and to completely fill out the inspection forms.

History
In a letter dated December 2, 2011, we requested the submittal of the City's 2010-11 tracking data that is required to be tracked in the City's electronic database or tabular format for each site inspection pursuant to Provision C.6.e.ii.(4) of the MRP.

Purpose and Evaluation Criteria
We evaluated the City's tracking data to determine its compliance with Provision C.6. of the MRP.

The tracking data table must contain the information listed in Provision C.6.3.ii.(4) for each construction site inspection. We evaluated the tracking data table to determine if the City implemented the following Provision C.6. requirements:

a) Inspect all high priority sites and all sites disturbing one or more acres of land monthly (from October through April), until sites are fully stabilized by landscaping or permanent erosion control measures. Inspections are conducted to determine BMP compliance for erosion control, control of run-off & run-on, sediment control, operation of active treatment systems, good site management, and non-stormwater management, and to look for active and/or recent illicit discharges;
b) Record data on an inspection form;
c) Implemented the Enforcement Response Plan; and

d) Verify that corrective actions were implemented before the next rain event, but no later than 10 business days after the violations were discovered.

Finally, we compared the tracking data to the information reported in the City's 2010-2011 Annual Report.

Evaluation of Submitted Inspection Forms and 2010-2011 Annual Report
Following are the results from our review of the City's 2010-2011 inspection forms and Annual Report:

1. In our letter dated December 2, 2011, we requested the submittal of the City's 2010-11 tracking data table that is required to be tracked in the City's electronic database or tabular format. The City submitted copies of inspection forms. All three of the Permittees in Contra Costa County that received our 2010-11 tracking data table request letter submitted copies of inspection forms. While a number of Permittees outside of Contra Costa County submitted copies of their inspection forms, they also all submitted a copy of their tracking data tables formatted like the tracking data table example included in the Fact Sheet of the MRP (page App I-52,53).

   We had a telephone conversation with Jolan Longway, of your staff. Based on this conversation, it is our understanding that what the City calls the copies of inspection forms the tracking data table. The three Permittees in Contra Costa County that received our 2010-11 tracking data table request letter met together and decided to submit the inspection forms in lieu of the requested tracking data table.

   We requested the 2009-2010 construction tracking data table from four other Permittees in Contra Costa County last year and they all submitted tracking data tables that were similar to the table example included in the Fact Sheet of the MRP.

   The other 15 Permittees not located in Contra Costa County all submitted 2010-2011 tracking data tables that also look very similar to the tracking data table example included in the Fact Sheet of the MRP (page App I-52,53). The majority of these tracking data tables are Excel tables.

   To facilitate our compliance analysis we entered the data from the City's inspection forms into the tabular format. See Attachment A.

2. The City demonstrated diligence by inspecting outside of the rainy season. Pursuant to Provision C.6., the City must require all construction sites to have appropriate BMPs year round to minimize pollutant discharge to receiving waters. We have seen non stormwater discharges, such as washing of landscaping materials, and washing of equipment used to paint, stucco, and spackle, from construction sites outside of the rainy season. First Baptist Church and La Almenara were inspected in September.

   We appreciate the City inspection of sites disturbing less than one acre of land and requiring them to implement appropriate controls. Pursuant to Provision C.6., the City must require all construction sites to have appropriate BMPs year round to minimize pollutant discharge to receiving waters. These smaller sites are not specifically required to be inspected under the MRP at a certain frequency and can be overlooked by City inspectors. The City's work with these smaller sites helps minimize the discharge of pollutants into receiving waters. 2010 Sidewalk Rehab, First Baptist Church, Frontage Improvement for 3rd Street and Railroad

Avenue, La Almenara, Old Town Drainage, New Bethel Church, and Power Avenue disturbed less than one acre of land and were regularly inspected by City inspectors.

3. The MRP requires the City to ensure that construction sites have effective controls until the sites are fully stabilized by landscaping or the installation of permanent erosion control measures. The City clearly demonstrated that it complied with the requirement for the following sites that were completed during the rainy season: 2010 Sidewalk Rehab and Power Avenue. The inspection form recorded "project complete".

   In the future, if a site is fully stabilized before the end of the rainy season, please clearly state in the tracking data table when it was stabilized. Also, if a site starts construction after October, please add a comment for the first inspection date of "First inspection". By adding "First inspection" and "Fully stabilized" to the tracking data table for applicable sites, MRP compliance will be clear.

4. The MRP requires the City to conduct monthly inspections, October through April, at all construction sites disturbing one or more acres of land and at all high priority sites, through all phases of construction until sites are fully stabilized. The City inspected most of its active sites at least once each month during the rainy season. The 2010-2011 rainy season was a very wet year. Frequent inspection and consistent enforcement help minimize the discharge of pollutants into receiving waters. Fire Prevention Bureau disturbs more than one acre of land and the City failed to inspect it in January and February 2011. Vista Del Mar disturbs more than one acre of land. The City's last inspection of this site was on December 22, 2010. Comments for this inspection state that only interior work was being done and it was nearly complete. It is unclear if this site was fully stabilized and all phases of construction were complete before the next scheduled inspection.

   The City must inspect all high priority sites and all sites disturbing one or more acre of land monthly during the rainy season, through all phases of construction. Please note that all phases of construction include (1) demolition, (2) grading, (3) pouring of foundation, (4) framing, (5) plumbing, mechanical, and electrical installations, (6) insulation and drywall installations, and (7) exterior and interior finishing. There are still plenty of opportunities for pollutant exposure and illicit discharges during phase (4) – (7) (for example, washing of painting, grout, and stucco equipment; and cutting of granite).

5. The City submitted copies of its inspections forms for all of its inspections. The inspection forms demonstrate that the City records its inspection data and observations on an inspection form as required by Provision C.6. However, the inspection form is missing the "Weather during inspection" field.

6. The data in the City's inspection forms did not match the City's Annual Report in a number of fields. Each inspection form has fields to note number of violations. It appears that none of the BMP violations noted as "Needs Attention" or "Violation" in the inspection forms were counted as violations in the annual report. It is unclear how the City determined the number of BMP violations for its Annual Report. The following table summarizes the fields in the City's inspection forms that do not match the data in the 2010-2011 Annual Report:

Required Information	**Inspection Forms**	**2010-2011 Annual Report**
# of sites disturbing one or more acres	8	4
Total # of inspections	197	176

Required Information	Inspection Forms	2010-2011 Annual Report
# of Erosion Violations	3	2
# of Run On and Run Off Violations	3	4
# of Sediment Violations	22	17
# of Good Site Management Violations	9	4
# of Non Stormwater Management Violations	2	0
# of Illicit Discharges	4	3
Number of Verbal Warnings	8	27 Verbal and written "Notices of Correction"
Number of Notices to Comply	3	
Number of Notices of Correction	1	

The City's tracking data table needs to match the information recorded in the inspection forms, and the information reported in the City's Annual Reports. Also , the City's tracking data table and inspection forms need to distinguish between non high priority sites that disturb less than one acre of soil and high priority sites that disturb less than one acre of soil.

7. We cannot determine from the inspection forms whether the City's Enforcement Response Plan includes a structure for progressively stricter responses and various violation scenarios that evoke progressively stricter responses, as required in Provision C.6. of the MRP.

   The inspection forms show that the City took enforcement for violations at the following sites:

Site	Date of Inspection	Violations	Enforcement Action
California Avenue Widening	11/8/10 11/22/10	Sediment Control	Verbal for each day of violation
California Avenue Widening	11/15/10	Sediment Control, Good Site Management	Verbal
Central Park Soccer Field, Corner Ptts/Ant HWY & E 14th Street	10/15/10	Good Site Management, Non Stormwater Management, and Illicit Discharge	Notice to Comply
Soccer Field, Corner Ptts/Ant HWY & E 14th Street	11/8/10	Sediment Control, Illicit Discharge	Verbal
Central Park Soccer Field, Corner of US Posco & P/A HWY	11/12/10	Illicit Discharge	Verbal
Frontage Improvements for 3rd & Railroad	11/19/10	Sediment Control, Good Site Management	Verbal
La Almenara	3/24/11	Sediment Control, Good Site Management, Non Stormwater Discharge, Illicit Discharge	Notice of Correction
Old Town Drainage Improvements	11/3/10	Sediment Control, Good Site Management	Verbal

Site	Date of Inspection	Violations	Enforcement Action
Route 4 Widening	1/13/11	Sediment Control	Notice to Comply
Route 4 Widening	3/14/11	Erosion Control, Sediment Control	Verbal
Vista Del Mar	12/17/10	Not marked but the comments state that the inlet filters were full of silt and water was backing up.	Notice to Comply

The inspection forms also show that violations were observed at the following sites but no enforcement actions were noted on the inspection forms:

Site	Date of Inspection	Violations
California Avenue Widening	11/29/10 12/6/10	Sediment Control
Central Park Soccer Field, Corner of US Posco & P/A HWY	11/8/10	"Contractor to touch up entrance"
Fire Prevention Bureau	12/13/10 3/7/11 4/4/11	Run on & Run Off, Sediment Control (The same violations for all three dates of inspection.)
Frontage Improvements for 3rd & Railroad	11/22/10	Sediment Control
La Almenara	10/21/10	"…residue from cutting PVC pipe on street."
Old Town Drainage Improvements	11/15/10	Good Site Management
Old Town Drainage Improvements	11/3/10	Sediment Control, Good Housekeeping
Old Town Drainage Improvements	12/1/10	Erosion Control
Route 4 Widening	1/6/11	Good Site Management
Route 4 Widening	1/25/11 2/1/11 2/17/11 3/21/11	Sediment Control
Route 4 Widening	3/7/11	Erosion Control
Vista Del Mar	10/25/10	Not marked but the comments state "…Relayed to inspector to have contractor address housekeeping issues."

8. The inspection forms show incomplete data recording. The City failed to completely fill out the inspection forms for a number of site inspections. The City must train its inspectors to fill out the inspection forms accurately and completely so the information recorded on the forms clearly represents the City's inspection activities:

   a. The illicit discharge field was left blank for 23 site visits.
   b. The "Was there rain with runoff after the problem was identified and before it was resolved?" field was left blank for all but two site inspections (Central Park Soccer Field, Corner Pitts/Ant Hwy & E14th Street on October 15, 2010 and November 8, 2010) that found violations.
   c. No specific BMPs violations were checked off for some sites (Central Park Soccer Field, Corner US Posco & P/A Hwy November 8 and 12, 2010, La Almenara October 21, 2010,

and Vista Del Mar October 25, 2010) that appeared to have violations based on the comments recorded for the inspection.

d. The City's inspection form includes fields for "Resolution" and "Date Problem Resolved". Of the 30 inspections that found violations, the "Resolution" field was filled out for six of those violations and the "Date Problem Resolved" field was filled out for four of those violations.

9. The inspections forms do not consistently show that corrective actions for violations were verified.

As stated in Comment 8.d. above, the "Date Problem Resolved" field was filled out for four of the 30 violations, Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street – November 8, 2010, Route 4 Widening – January 25, 2011 and February 1, 2011, and Vista Del Mar – December 17, 2010.

Corrective actions for two other inspection dates at sites with BMP violations (Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street's – October 15, 2010 and La Almenara – March 3, 2011) were verified during the next inspection of those sites, October 18, 2010 and April 7, 2011, respectively. The comments written for those "next" inspections indicate that corrective actions were implemented but the "Date Problem Resolved" field was just not filled out.

For the remaining violations, it was unclear from the inspection forms when corrective actions were verified. But the City was very proactive in ensuring that construction sites implemented appropriate measures to minimize the discharge of polluted runoff. Therefore, if the subsequent inspection occurred within 10 business days of when the violation was discovered, we assumed the corrective actions were verified during the next inspection. For example, the inspection form for Route 4 Widening on January 13, 2011 does not list a corrective action date but there is an inspection form for January 18, 2011. So, we assumed that the corrective actions for the January 13, 2011 violations were verified on January 18, 2011.

The City must ensure that corrective actions for violations are verified. The MRP requires timely correction of violations, before the next rain event but no later than 10 business days after the violations are discovered. Following are most of the BMP violations that do not appear to have clear corrective action verification dates:

Site	Inspection Date	Problems	Next Inspection Date	Rain Events
California Avenue Widening	11/15/10	Sediment Control, Good Site Management	11/22/10	November 19th, 0.39"
California Avenue Widening	11/22/10	Sediment Control	12/6/10	December 5th, 0.5"
California Avenue Widening	12/6/10	Sediment Control	No inspections after this date	
La Almenara	3/24/11	Sediment Control, Good Site Management, Non SW Management	4/7/11	March 24th 1.13" March 25th, 0.22"
Route 4 Widening	3/14/11	Erosion Control, Sediment Control	3/21/11	March 15th, 0.33" March 18th, 0.86" March 20th, 0.25"
Route 4 Widening	3/21/11	Sediment Control	4/5/11	March 23rd, 0.54"

Site	Inspection Date	Problems	Next Inspection Date	Rain Events
				March 24th, 1.13” March 25th, 0.22

The inspection form/tracking data table must clearly identify the date corrective actions were verified for violations. In addition, the City must ensure that corrective actions for violations are verified in a timely manner.

Required Actions

Within 30 days of the date of this letter, the City shall submit a copy of its Enforcement Response Plan for Provision C.6. Also, the City shall provide the following information:

(1) A copy of the electronic database/tabular format for C.6 inspection data described on pages App I-52,53 in the MRP Fact Sheet;
(2) Date when the City will train its staff on how to accurately fill out the inspection form, enter the information into the electronic database/tabular format, verify corrective actions in a timely manner, clearly identify the date corrective actions were verified for violations in its inspection forms and tracking data table, consistently implement its Enforcement Response Plan, and state when grading/demolition begins and when the site is fully stabilized by landscaping or the installation of permanent erosion control measures; and
(3) Procedure to ensure that the tracked data for Provision C.6. is consistent with the data in the inspection reports and the data reported in annual reports;

Once the staff training is complete, the City shall provide us a summary of the training, and the names and titles of staff who attended the training.

Should you require a paper copy of this letter, please email Selina Louie, of my staff, at slouie@waterboards.ca.gov or call her at (510) 622-2383. If you have questions regarding this matter, please call or email Selina Louie.

Sincerely,

Shin-Roei Lee, Chief
Watershed Management Division

cc: Jolan Longway, City of Pittsburg
Tom Dalziel, Contra Cost Clean Water Program

Attachment A

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1	1	2010 Sidewalk Rehab	12/2/10																			
1		2010 Sidewalk Rehab	12/3/10																			Project completed.
1	1	California Avenue Widening	11/8/10		Blank		1			1						1						
1		California Avenue Widening	11/15/10		Blank					1		1			Silt Fences/Compost Berm, Inlet Filters, Street Sweeping, Construction Materials	1						
1		California Avenue Widening	11/22/10		Blank					1					Inlet Filters	1			1			
1		California Avenue Widening	11/29/10		Blank					1					Inlet Filters							
1		California Avenue Widening	12/6/10		Blank					1					Inlet Filters							
1	1	Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	10/15/10		No		1					1	1	1	Construction Materials, Concrete Washout Area		1		1			Asked for concrete wash out to be installed & sent Notice of Correction to contractor. Dirt on site to be off hauled next week once soils analytics have been received.
1		Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	10/18/10																			Previous problem was resolved. Stockpiled soil is contained and will be offhauled this week.
1		Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	11/5/10																1			
1		Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	11/8/10		No					1				1	Entrance	1			1 Same Day			The entrance needs to addressed; dirt tracked onto the street. Contractor brought up sweeper to clean street and stabilize entrance. Fixed same day
1		Central Park Soccer Field, Corner Ptts/Ant Hwy & E 14th Street	11/12/10																			
1	1	Central Park Soccer Field, Corner US Pasco & P/A Hwy	10/18/10				1															
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	10/25/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	10/28/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/1/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/7/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/8/10		Blank					1												Contractor to touch up entrance.
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/12/10		Blank					1				1		1			1			Contractor to touch up entrance.
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/19/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/20/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/24/10	pre rain																		
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	11/24/10	after run																		
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/5/10																			

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/6/10											Blank								
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/8/10											Blank								
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/17/10																			
1		Central Park Soccer Field, Corner US Pasco & P/A Hwy	12/19/10																			Project planting complete; site has no areas of potential erosion. Swales contain no mow fescue. No non stormwater site management because project is complete.
1	1	Fire Prevention Bureau	10/18/10				1															
1		Fire Prevention Bureau	10/25/10											Blank								
1		Fire Prevention Bureau	12/6/10											Blank								
1		Fire Prevention Bureau	12/13/10		Blank				1	1				Blank	Wattles/fiber rolls/compost sock; inlet filters; entrance; street sweeping; earth dikes/drainage swales							
1		Fire Prevention Bureau	3/7/11		Blank				1	1				Blank	Wattles/fiber rolls/compost sock; inlet filters; entrance; street sweeping; earth dikes/drainage swales							
1		Fire Prevention Bureau	4/4/11		Blank				1	1				Blank	Wattles/fiber rolls/compost sock; inlet filters; entrance; street sweeping; earth dikes/drainage swales							
1	1	First Baptist Church	9/29/10											Blank								
1		First Baptist Church	10/21/10																			
1		First Baptist Church	11/7/10																			
1		First Baptist Church	11/17/10																			
1		First Baptist Church	11/19/10																			
1		First Baptist Church	11/20/10																			
1		First Baptist Church	11/30/10																			
1		First Baptist Church	12/5/10																			
1		First Baptist Church	12/8/10																			
1		First Baptist Church	12/17/10																			
1		First Baptist Church	12/19/10																			
1		First Baptist Church	12/28/10																			
1		First Baptist Church	1/3/11																			
1		First Baptist Church	1/14/11																			
1		First Baptist Church	1/18/11																			
1		First Baptist Church	1/30/11																			
1	1	Frontage Improvements for 3rd & Railroad	11/5/10																			
1		Frontage Improvements for 3rd & Railroad	11/7/10																			
1		Frontage Improvements for 3rd & Railroad	11/12/10																			

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Frontage Improvements for 3rd & Railroad	11/19/10		Blank					1		1			Street sweeping; Construction materials; waste systems management; soil stockpiles	1			1			Streets need to be swept ASAP. Stock piles to be covered and waste needs to be removed from the site and disposed.
1		Frontage Improvements for 3rd & Railroad	11/20/10																			
1		Frontage Improvements for 3rd & Railroad	11/22/10		Blank					1					Street sweeping							
1		Frontage Improvements for 3rd & Railroad	11/26/10																			
1		Frontage Improvements for 3rd & Railroad	11/29/10																			Streets have been swept since the Notice of Correction was Issued.
1		Frontage Improvements for 3rd & Railroad	12/3/10																			
1		Frontage Improvements for 3rd & Railroad	12/5/10																			
1		Frontage Improvements for 3rd & Railroad	12/8/10																			
1		Frontage Improvements for 3rd & Railroad	12/17/10																			
1		Frontage Improvements for 3rd & Railroad	12/19/10																			
1		Frontage Improvements for 3rd & Railroad	12/28/10																			
1		Frontage Improvements for 3rd & Railroad	1/1/11																			
1		Frontage Improvements for 3rd & Railroad	1/2/11																			
1		Frontage Improvements for 3rd & Railroad	1/7/11																			
1		Frontage Improvements for 3rd & Railroad	1/14/11											Blank								
1		Frontage Improvements for 3rd & Railroad	1/21/11																			
1		Frontage Improvements for 3rd & Railroad	1/28/11											Blank								
1		Frontage Improvements for 3rd & Railroad	2/4/11																			
1	1	La Almenara	9/21/10																			
1		La Almenara	10/21/10		Blank							1										Sediment control measures: residue from cutting PVC Pipe on street (Observed). Contractor was told to clean up immediately and never do is again. Photo on file.
1		La Almenara	11/7/10																			
1		La Almenara	11/17/10																			
1		La Almenara	11/19/10																			
1		La Almenara	11/20/10																			
1		La Almenara	12/5/10																			
1		La Almenara	12/8/10																			

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		La Almenara	12/17/10																			
1		La Almenara	12/19/10																			
1		La Almenara	12/28/10																			
1		La Almenara	1/10/11																			
1		La Almenara	1/30/11																			
1		La Almenara	2/16/11																			
1		La Almenara	2/17/11																			
1		La Almenara	2/18/11																			
1		La Almenara	2/19/11																			
1		La Almenara	2/25/11																			
1		La Almenara	3/6/11																			
1		La Almenara	3/15/11																			
1		La Almenara	3/18/11																			
1		La Almenara	3/19/11																			
1		La Almenara	3/20/11																			
1		La Almenara	3/23/11																			
1		La Almenara	3/24/11		Blank					1		1	1	1	Silt Fences/compost berm; entrance, street sweeping; Construction materials; soil stockpiles; concrete washout			1	1			A Notice of Correction was issued to the developer for the following items to be corrected by 3/28/11: Soil stockpile protection, silt fences - perimeter repair, fiber rolls to be replace, concrete wash area, site entrance needs more rock.
1		La Almenara	4/7/11											Blank								Problems areas identified in the Notice of Correction were resolved on 3/25/11
1	1	New Bethel Church	10/29/10																			
1		New Bethel Church	11/22/10																			
1		New Bethel Church	11/30/10																			
1	1	Old Town Drainage Improvements	11/3/10		Blank					1		1			Wattles/fiber rolls/compost sock; soil stockpiles	1						Some attention is needed to make sure all waters are kept in place. Street sweeping on 11/2/10. Stock pile/Construction debris needs attention. Contractor to off-haul construction debris ASAP.
1		Old Town Drainage Improvements	11/15/10		Blank							1			Construction materials; waste systems management							Contractor to hand broadcast native seed mix on creek bank. Contractor built a modified dewatering system for water pumped from east to west side of creek while installing storm drain. Contractor to do some general clean up and off haul stockpile of dirt by Friday.
1		Old Town Drainage Improvements	11/23/10																			Contractor stabilized construction entrance on 11/22/10 Street was swept near entrance. Contractor off-hauled from site. Remaining materials will be covered with tarp.
1		Old Town Drainage Improvements	11/3/10		Blank					1		1			Wattles/fiber rolls/compost sock; soil stockpiles							
1		Old Town Drainage Improvements	12/1/10		Blank			1							Hydro seed/soil binder/composite blanket							

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Old Town Drainage Improvements	12/14/10																			Contractor to spread native seed mix around the bank on west side of the driveway. Contractor no longer pumping across the D/W. Sedimentation basin removed. Excess dirt has been hauled off. No non stormwater management necessary. Structures already constructed; installation pending good weather.
1	1	Power Avenue and Stoneman Pedestrian Improvements	11/15/10																			
1		Power Avenue and Stoneman Pedestrian Improvements	11/24/10																			
1		Power Avenue and Stoneman Pedestrian Improvements	12/1/10																			
1		Power Avenue and Stoneman Pedestrian Improvements	12/14/10																			No BMPS for erosion control necessary because project involves installation of signs and striping. Sediment control measures include inlet protection for the work. No non stormwater management BMPs necessary as no other work conducted. Project complete.
1	1	Route 4 Widening	11/1/10				1															Local roads observed only
1		Route 4 Widening	11/8/10																			
1		Route 4 Widening	11/15/10																			Reviewed along local roadway network only for all categories.
1		Route 4 Widening	11/30/10																			Observed crews cleaning/maintaining inlet protection. Observed street sweeper working throughout project area. All stockpiles covered.
1		Route 4 Widening	12/6/10																			Sediment control measures: A lot of leaves on street after recent storms. Accumulations around inlets. Active work area at Century Blvd. Road is being swept.
1		Route 4 Widening	12/13/10																			Active work site at Century Boulevard. Soil tracked onto street. Sweeping observed.
1		Route 4 Widening	12/27/10											Blank								No work on local roadway network.
1		Route 4 Widening	1/6/11		Blank							1			Stockpiles							Sediment control measures: Some BMPs were damaged by the water main work in the median at Loveridge Road. Caltrans staff has directed contractor to restore. Good site management: Active work site in Loveridge Road median for the tie in of water main. Material stockpiled from excavation in median. Non-stormwater management: trench dewatering for water main tie in. Filter bag in use.
1		Route 4 Widening	1/10/11																			Sediment control measures: Site activities at Century Blvd and Loveridge Rd. Observed sweeping in progress. Dust is not a problem with current operations. With rain fail, the soil has sufficient moisture. Good site maintenance: Stockpile in median on Loveridge Rd at site of water main has been removed. Mulch applied over disturbed surface late in the day.
1		Route 4 Widening	1/13/11		Blank					1				Blank	Construction entrance; street sweeping		1					Sediment control measures: Received report from another City staff inspector of mud tracked onto Century Blvd. Not clear that Caltrans project is responsible. Highway right of way is fenced. CCWD or DDSD may be assessing area.

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Route 4 Widening	1/18/11											Blank								Sediment Control: Active work is at Century Blvd. Street sweeper in use on the local streets. Laborer with shovel scraping up mud on street. Sidewalk needs cleaning at North Park Blvd. and Standard Oil Ave.
1		Route 4 Widening	1/25/11		Blank					1				Blank	Dust control; check dams, street sweeping				#######			Active site at Century Blvd. Undercrossing. Vehicles and equipment accessing roadway at other than location of stabilized construction entrance. Access from Commerce Place caused damage to silt fence, mulch, seeding. Clean up was required on commerce place.
1		Route 4 Widening	2/1/11		Blank					1					Dust Control				2/2/2011			Active work sites at the following locations: Century Blvd at SR4 undercrossing, Loveridge Rd and California (N/W Quadrant) requested that project improve tracking control and clean inlets.
1		Route 4 Widening	2/7/11											Blank								Active work sites at the following locations on the local road network: Century at SR4, Loveridge @ California. Prior reported issues resolved as of 2/2/11.
1		Route 4 Widening	2/28/11																			
1		Route 4 Widening	2/17/11		Blank					1				Blank	Inlet filters							Limited activity. Streets cleaned. Muddy runoff noted on Piedmont Way and on Century Blvd. Several potential sources. Inlet on Century Blvd. needs cleaning. Observed street sweeper in operation. Noted that soil stockpiles behind K rail/fence on North Park Blvd have been covered. Notified OC Jones that Inlet on Century Blvd east of North Park needed cleaning. Water backing up onto street.
1		Route 4 Widening	3/7/11		Blank			1							Jute netting/fiber blankets; mulch; hydroseed/soil binder/composite blanket							Active work sites at Century Blvd., North Park Blvd Route 4 and Loveridge Road, and California Ave
1		Route 4 Widening	3/14/11		Blank			1		1					Mulch, hydroseed/soil binder/composite blanket; Wattles/fiber rolls/compost sock; silt fences/compost berm/ entrance	1						Sediment control measures: addressed concerns with work on the south side of North Park Blvd to Westley Pipes of Parsons/Caltrans staff. Pipes indicated that the inlet in the proximity were protected. No silt fence or wattles used. Pipes indicated project was in compliance. Will follow up with Caltrans and or contractor
1		Route 4 Widening	3/21/11		Blank					1					Inlet filters; street sweeping							Century Blvd needed sweeping at time of inspection. Later corrected
1		Route 4 Widening	4/5/11																			Sediment control measures: dirt tracked on local streets from fill operation. Street sweeper working. Laborer with shovels cleaning areas with heavier concentrations of material.
1		Route 4 Widening	4/11/11																			Soil tracked onto local roads from operations at North Park Blvd. Sweeper in operation on jobsite. Laborer with shovels doing cleanup; excavation and haul from surcharge area at Loveridge and SR4.
1	1	San Marco Residential	10/25/10				1															
1		San Marco Residential	11/8/10																			
1		San Marco Residential	11/15/10																			
1		San Marco Residential	11/29/10																			
1		San Marco Residential	12/6/10																			
1		San Marco Residential	12/13/10																			

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		San Marco Residential, Unit 7	1/3/11																			
1		San Marco Residential Unit 8	1/3/11											Blank								
1		San Marco Residential, Unit 7	1/10/11																			
1		San Marco Residential Unit 8	1/10/11																			
1		San Marco Residential, Unit 7	1/18/11																			
1		San Marco Residential Unit 8	1/18/11																			
1		San Marco Residential, Unit 7	1/24/11																			
1		San Marco Residential Unit 8	1/24/11																			
1		San Marco Residential, Unit 7	1/31/11																			
1		San Marco Residential Unit 8	1/31/11											Blank								
1		San Marco Residential, Unit 7	2/7/11																			
1		San Marco Residential Unit 8	2/7/11																			
1		San Marco Residential, Unit 7	2/15/11																			
1		San Marco Residential Unit 8	2/15/11																			
1		San Marco Residential, Unit 7	2/22/11																			
1		San Marco Residential Unit 8	2/22/11																			
1		San Marco Residential, Unit 7	2/28/11																			
1		San Marco Residential Unit 8	2/28/11																			
1		San Marco Residential, Unit 7	3/7/11																			
1		San Marco Residential Unit 8	3/7/11																			
1		San Marco Residential, Unit 7	3/14/11																			
1		San Marco Residential Unit 8	3/14/11																			
1		San Marco Residential, Unit 7	3/21/11																			
1		San Marco Residential Unit 8	3/21/11																			
1		San Marco Residential, Unit 7	3/28/11																			
1		San Marco Residential Unit 8	3/28/11																			
1		San Marco Residential, Unit 7	4/4/11																			
1		San Marco Residential Unit 8	4/4/11																			
1		San Marco Residential, Unit 7	4/11/11																			
1		San Marco Residential Unit 8	4/11/11																			
1	1	Siena Court Apartments	11/8/10				1															

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
1		Siena Court Apartments	11/15/10																			
1		Siena Court Apartments	11/22/10																			
1		Siena Court Apartments	11/29/10																			
1		Siena Court Apartments	12/6/10																			
1		Siena Court Apartments	12/13/10																			
1		Siena Court Apartments	1/3/11											Blank								
1		Siena Court Apartments	1/10/11											Blank								
1		Siena Court Apartments	1/18/11																			
1		Siena Court Apartments	1/24/11																			
1		Siena Court Apartments	1/31/11																			
1		Siena Court Apartments	2/7/11																			
1		Siena Court Apartments	2/15/11																			
1		Siena Court Apartments	2/22/11											Blank								
1		Siena Court Apartments	2/28/11																			
1		Siena Court Apartments	3/7/11																			
1		Siena Court Apartments	3/14/11																			
1		Siena Court Apartments	3/21/11																			
1		Siena Court Apartments	3/28/11																			
1		Siena Court Apartments	4/4/11																			
1		Siena Court Apartments	4/11/11											Blank								
1	1	Vista Del Mar	10/25/10		Blank		1															Erosion Control Measures - no BMPs, site hard surfaces completed. Roads paved and concrete flatwork complete. Site Work complete, only work consists of construction of house structure. Relayed to inspector to have contractor address housekeeping issues
1		Vista Del Mar	11/15/10																			
1		Vista Del Mar	11/22/10																			
1		Vista Del Mar	11/29/10																			
1		Vista Del Mar	12/6/10																			
1		Vista Del Mar	12/13/10																			
1		Vista Del Mar	12/17/10		Blank												1		12/21/10			No erosion control measures are in place because construction of site improvements has been completed. Only work remaining is the construction of homes and there are none active. Sediment control measures: at the east and west side of Tomales Bay Drive, the catch basins are covered with debris. The filters silt in place, however, they are so full of silt that water is actually standing in some basins. The water that was observed flowing into the storm drain itself was clear. Photos taken and superintendent and developer project manager notified of problem via email.
1		Vista Del Mar	12/21/10		Yes																	
1		Vista Del Mar	12/22/10																			Ashbridge Bay Drive is no longer under construction. Work on the site only consist of workers working on the interior of the homes, which is also nearly completed. No workers on site today. No further site work.

Data entered by Selina

Pittsburg 2010-2011 C.6. Data

# of Inspections	Site	Name	Inspection Date	Weather	Runoff?	High Priority	≥ 1	Problems Observed							Specific Problems	Enforcement			Resolution			Comments
								Erosion Control	Run on & Run Off	Sediment Control	Active Treatment	Good Site Mgt	Non SW Mgt	Illicit Discharge		Verbal	Notice to Comply	Notice of Correction	Problem Fixed	Needs More Time	Escalate Enforcement	
197	15						8	3	3	22	0	9	2	4		8	3	1				

Data entered by Selina

Construction Site Inspection Report

Project Name:		**Inspection Date:**
Location		Current weather (check all that apply) ☐Sunny ☐Cloudy ☐Windy ☐Rainy
Permit No.	Permit Type: ☐ Building ☐ Grading ☐ Site Development ☐ CIP Project	Has there been rainfall with runoff since last inspection? ☐Yes ☐No
Project Type: ☐ Commercial/Industrial ☐ Residential ☐ Street Improvement ☐ Landscaping		Reason for inspection: ☐Routine ☐Pre-Rain ☐During Rain ☐After Rain ☐Follow-up ☐Other (state):
Does the project disturb one acre or more? ☐Yes ↓	☐No ↓	
Copy of NOI submitted? ☐Yes ☐No SWPPP on site? ☐Yes ☐No Date on SWPPP:	Erosion Control Plan on site? ☐Yes ☐No Date on Erosion Control Plan:	
Covered by Statewide Construction General Permit? ☐Yes ☐No	High Priority Site? ☐Yes ☐No	

CONTRA COSTA CLEAN WATER PROGRAM	Not Applicable	Adequate	Needs Attention	Violation	If, following discovery of a violation, more than 10 business days will be required to achieve compliance, then include a rationale for that schedule in the comments.
Erosion Control Measures					Comments
Jute Netting/Fiber Blankets	☐	☐	☐	☐	
Mulch	☐	☐	☐	☐	
Hydroseed/Soil Binder/Compost Blanket	☐	☐	☐	☐	
Mark Areas to be Preserved	☐	☐	☐	☐	
Tree Protection Fencing	☐	☐	☐	☐	
Riparian Area Barrier	☐	☐	☐	☐	
Sediment Control Measures					Comments
Wattles/Fiber Rolls/Compost Socks	☐	☐	☐	☐	
Silt Fences/Compost Berms	☐	☐	☐	☐	
Sedimentation Basin	☐	☐	☐	☐	
Inlet Filters (bags, sand, gravel)	☐	☐	☐	☐	
Dust Control	☐	☐	☐	☐	
Stabilized Construction Entrance	☐	☐	☐	☐	
Check Dams	☐	☐	☐	☐	
Street Sweeping	☐	☐	☐	☐	
Earth Dikes/Drainage Swales	☐	☐	☐	☐	
Run-on and Run-off Control					Comments
Earth Dikes/Drainage Swales	☐	☐	☐	☐	
Sampling is conducted if required (CIPs only)	☐	☐	☐	☐	
Active Treatment System	☐	☐	☐	☐	Comments
Good Site Management					Comments
Construction Materials (wood, cement, etc.)	☐	☐	☐	☐	
Petroleum Products (oil, fuel)	☐	☐	☐	☐	
Hazardous Materials ((paint, solvents)	☐	☐	☐	☐	
Waste Systems Management	☐	☐	☐	☐	
Soil Stockpiles	☐	☐	☐	☐	
Vehicle Servicing	☐	☐	☐	☐	
Non-Stormwater Management					Comments
Concrete Washout Area	☐	☐	☐	☐	
Sampling is conducted if required (CIPs only)	☐	☐	☐	☐	
Discharge Points Are the discharge points free of evidence of illicit discharge? ☐Yes ☐No					Comments

Enforcement and Follow-up	Date Problem First Identified:	Next Follow Up Inspection Date:
Comments Enforcement Action: ☐ None/In compliance ☐ Verbal Notice ☐Notice to Comply ☐Notice of Violation ☐Stop Work ☐Administrative Fine		
Resolution ☐ Problem Fixed ☐ Need More Time ☐ Escalate Enforcement ☐ Date Problem Resolved: Was there rain with runoff after the problem was identified and before it was resolved? ☐Yes ☐No		

Inspector	Signature	Date

PROJECT SITE STATUS

☐ **FIRST INSPECTION** **DATE:**_____

☐ **PROJECT IS ONGOING BUT SITE WORK IS INACTIVE** **DATE:**_____

☐ **SITE IS FULLY STABILIZED** **DATE:**_____

City of Pittsburg
Development Services Department

NPDES CONSTRUCTION SITE INSPECTION TRAINING

AGENDA

SHARK TANK

Friday September 7, 2012
11:30 a.m. – 1:30 p.m.

---

1. **City Responsibility for Construction Site Control:**

   - Engineering and Building Department Responsibilities for Construction Site Control
   - Documentation of Rainy Season / Rain Event Inspection Reporting
   - Engineering and Building Permit Conditions

2. **Site Inspection Reporting:**

   - Instructions for completion of form fields

3. **City Enforcement Procedure:**

   - Staff Responsibility
   - Enforcement Response Plan
   - Forms

4. **Appropriate Use of BMPs:**

   - Site Examples
   - Resources Available

DRAFT

CITY OF PITTSBURG
Engineering Department
Development Division
65 Civic Avenue
Pittsburg, CA 94565
(925) 252-4930 Fax (925) 252-6928

October 16, 2012

Shin-Roei Lee
San Francisco Regional
Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

Re: Notice of Violation Pursuant to Provision C.6 of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit

Dear Ms. Lee,

This letter is in response to the Notice of Violation sent to the City of Pittsburg on June 28, 2012. In accordance with my July 20, 2012 letter to you, City Engineering and Building Inspection staff has been trained on the process of construction site BMP reporting. Items covered with staff included:

- A review of the Construction Inspection Form – Staff was reminded to complete every section of the form; i.e. note commencement and completion dates, weather at time of inspection.
- A review of documenting incidents - Problems encountered in the field to be properly documented in accordance with the most appropriate enforcement level as outlined in our Enforcement Response Plan, and document all follow up actions. Inspectors were reminded to provide reports at least once per month during the rainy season and after each rain event.
- A review of the Enforcement Response Plan - I reviewed the Enforcement Response Plan structure with them and reviewed the enforcement level tiers and the definition of "violation" as it relates to our Enforcement Response Plan. I also emphasized the need for consistency with regard to enforcement actions and documenting follow up.
- A review of site potentials for discharge - Finally, I reviewed with staff the use of appropriate site BMPs by showing photos of specific aspects of construction sites that had the potential to cause discharge, that weren't obvious at first glance. Examples included: Soil stockpiles that are left uncovered, even though perimeter controls were installed. Site access, awareness of entrance/exit site stabilization materials, and material storage containment such as uncovered dumpsters. BMP resource information was also provided.

Attached for your information are the slides that were used for the presentation, as well as the attendance sheet. All but two of the field personnel were trained on September 7, 2012; the remaining two received their training on September 20, 2012.

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

Sincerely,

Jolan Longway
Civil Engineer II

CC: Joe Sbranti, City Manager
Keith Halvorson, City Engineer

Attachments: Training Agenda
Training Slides

City of Pittsburg
Development Services Department

NPDES CONSTRUCTION SITE INSPECTIONTRAINING

AGENDA

SHARK TANK

Friday September 7, 2012
11:30 a.m. – 1:30 p.m.

---

1. **City Responsibility for Construction Site Control:**

   - Engineering and Building Department Responsibilities for Construction Site Control
   - Documentation of Rainy Season / Rain Event Inspection Reporting
   - Engineering and Building Permit Conditions

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   - Instructions for completion of form fields

3. **City Enforcement Procedure:**

   - Staff Responsibility
   - Enforcement Response Plan
   - Forms

4. **Appropriate Use of BMPs:**

   - Site Examples
   - Resources Available

City of Pittsburg
Development Services Department

NPDES CONSTRUCTION SITE INSPECTIONTRAINING

AGENDA

SHARK TANK

Friday September 7, 2012
11:30 a.m. – 1:30 p.m.

	NAME:	DEPARTMENT:
1.	George Khalilieh	Engineering
2.	Sergio Lopez	Engineering
3.	C Smith	Building
4.	Gina Hayes	Engineering
5.	Ron Nevels	Engineering
6.	Alfredo Hurtado	Engineering
7.	Majed Bahri	Engineering
8.	[illegible]	Eng
9.	MAHTA	KHALATBARI
9-20-12 10.	Sean Williams	ENG.R.
9-20-12 11.	Devina Uribe	Engineering

NPDES
CONSTRUCTION SITE
INSPECTION
TRAINING

TOPICS COVERED:

- CITY'S RESPONSIBILITY FOR CONSTRUCTION SITE CONTROL
- SITE INSPECTION REPORTING
- CITY'S ENFORCEMENT PROCEDURE
- APPROPRIATE USE OF BMPs

CITY'S RESPONSIBILITY

- Engineering and Building Department Responsibilities
- Documentation of Rainy Season / Rain Event Inspection Reporting
- Take appropriate enforcement actions
- Follow up on any actions needed

NPDES PERMIT PROVISION C.6

- Track all inspections in an electronic database or tabular format
  - Site name
  - Inspection date
  - Weather
  - Specific Problems
  - Resolution of Problems
  - Rationales for longer compliance time, escalation of enforcement, etc.

CONSTRUCTION SITE INSPECTION REPORT

Construction Site Inspection Report

Project Name:	**Inspection Date:**
Location:	Current weather (check all that apply): ☐Sunny ☐Cloudy ☐Windy ☐Rainy
Permit No. Permit Type: ☐Building ☐Grading ☐Site Development ☐CIP Project	Has there been rainfall with runoff since last inspection? ☐Yes ☐No
Project Type: ☐Commercial/Industrial ☐Residential ☐Street Improvement ☐Landscaping	Reason for inspection: ☐Routine ☐Pre-Rain ☐During Rain ☐After Rain ☐Follow-up ☐Other (state):
Does the project disturb one acre or more? ☐Yes ☐No	
Copy of NOI submitted? ☐Yes ☐No Erosion Control Plan on site? ☐Yes ☐No	
SWPPP on site? ☐Yes ☐No Date on SWPPP: Date on Erosion Control Plan:	
Covered by Statewide Construction General Permit? ☐Yes ☐No High Priority Site? ☐Yes ☐No	

CONTRA COSTA CLEAN WATER PROGRAM	No Applicable	Adequate	Needs Attention	Violation	If following discovery of a violation, more than 10 business days will be required to achieve compliance, then include a rationale for that schedule in the comments.
Erosion Control Measures					Comments
Site Matting/Fiber Blankets	☐	☐	☐	☐	
Mulch	☐	☐	☐	☐	
Hydroseed/Soil Binder/Compost Blanket	☐	☐	☐	☐	
Work Areas to be Preserved	☐	☐	☐	☐	
Tree Protection Fencing	☐	☐	☐	☐	
Fugitive Area Barrier	☐	☐	☐	☐	
Sediment Control Measures					Comments
Wattles/Fiber Rolls/Compost Socks	☐	☐	☐	☐	
Silt Fences/Compost Berms	☐	☐	☐	☐	
Sedimentation Basin	☐	☐	☐	☐	
Inlet Filters (bags, sand, gravel)	☐	☐	☐	☐	
Dust Control	☐	☐	☐	☐	
Stabilized Construction Entrance	☐	☐	☐	☐	
Check Dams	☐	☐	☐	☐	
Street Sweeping	☐	☐	☐	☐	
Earth Dikes/Drainage Swales	☐	☐	☐	☐	
Run-on and Run-off Control					Comments
Earth Dikes/Drainage Swales	☐	☐	☐	☐	
Sampling is conducted if required (CIPs only)	☐	☐	☐	☐	
Active Treatment System					Comments
	☐	☐	☐	☐	
Good Site Management					Comments
Construction Materials (wood, cement, etc.)	☐	☐	☐	☐	
Petroleum Products (oil, fuel)	☐	☐	☐	☐	
Hazardous Materials (paint, solvents)	☐	☐	☐	☐	
Waste Systems Management	☐	☐	☐	☐	
Soil Stockpiles	☐	☐	☐	☐	
Vehicle Servicing	☐	☐	☐	☐	
Non-Stormwater Management					Comments
Concrete Washout Area	☐	☐	☐	☐	
Sampling is conducted if required (CIPs only)	☐	☐	☐	☐	
Discharge Points					Comments
Are the discharge points free of evidence of illicit discharge? ☐Yes ☐No					

Enforcement and Follow-up	Date Problem First Identified:	Next Follow Up Inspection Date:

Comments:

Enforcement Action: ☐ None/In compliance ☐ Verbal Notice ☐ Notice to Comply ☐ Notice of Violation ☐ Stop Work ☐ Administrative Fine

Resolution ☐ Problem Fixed ☐ Need More Time ☐ Escalate Enforcement ☐ Date Problem Resolved:

Was there rain with runoff after the problem was identified and before it was resolved? ☐Yes ☐No

Inspector	Signature	Date

PROJECT SITE STATUS

☐ FIRST INSPECTION DATE: _____

☐ PROJECT IS ONGOING BUT SITE WORK IS INACTIVE DATE: _____

☐ SITE IS FULLY STABILIZED DATE: _____

PROJECT NAME AND TYPE OF PROJECT

Construction Site Inspection Report

Project Name:	Project B		**Inspection Date:**
Location	Elm and First Streets		Current weather (check all that apply) ☐ Sunny ☑ Cloudy ☐ Windy ☐ Rainy
Permit No.	Permit Type: ☑ Building ☐ Grading ☐ Site Development ☐ CIP Project		Has there been rainfall with runoff since last inspection? ☑ Yes ☐ No
Project Type: ☐ Commercial/Industrial ☑ Residential ☐ Street Improvement ☑ Landscaping Does the project disturb one acre or more? ☑ Yes ↓		☐ No ↓	Reason for inspection: ☐ Routine ☑ Pre-Rain ☐ During Rain ☐ After Rain ☐ Follow-up ☐ Other (state):
Copy of NOI submitted? ☐ Yes ☑ No SWPPP on site? ☐ Yes ☑ No Date on SWPPP:		Erosion Control Plan on site? ☑ Yes ☐ No Date on Erosion Control Plan:	
Covered by Statewide Construction General Permit? ☑ Yes ☐ No High Priority Site? ☑ Yes ☐ No			

CONTRA COSTA CLEAN WATER PROGRAM	Not Applicable	Adequate	Needs Attention	Violation	If, following discovery of a violation, more than 10 business days will be required to achieve compliance, then include a rationale for that schedule in the comments.
Erosion Control Measures					Comments
Jute Netting/Fiber Blankets	☑	☐	☐	☐	
Mulch	☑	☐	☐	☐	
Hydroseed/Soil Binder/Compost Blanket	☑	☐	☐	☐	
Mark Areas to be Preserved	☑	☐	☐	☐	
Tree Protection Fencing	☑	☐	☐	☐	
Riparian Area Barrier	☑	☐	☐	☐	
Sediment Control Measures					Comments
Wattles/Fiber Rolls/Compost Socks	☐	☐	☑	☐	Instructed on proper keying in of fiber rolls.
Silt Fences/Compost Berms	☑	☐	☐	☐	Instructed to sweep street outside entrance.
Sedimentation Basin	☑	☐	☐	☐	
Inlet Filters (bags, sand, gravel)	☐	☑	☐	☐	
Dust Control	☑	☐	☐	☐	
Stabilized Construction Entrance	☐	☑	☐	☐	

REQUIRED BMP MEASURES

CONTRA COSTA CLEAN WATER PROGRAM	Not Applicable	Adequate	Needs Attention	Violation	If, following disc achieve complia
Erosion Control Measures					Comments
Jute Netting/Fiber Blankets	☐	☐	☐	☐	
Mulch	☐	☐	☐	☐	
Hydroseed/Soil Binder/Compost Blanket	☐	☐	☐	☐	
Mark Areas to be Preserved	☐	☐	☐	☐	
Tree Protection Fencing	☐	☐	☐	☐	
Riparian Area Barrier	☐	☐	☐	☐	
Sediment Control Measures					Comments
Wattles/Fiber Rolls/Compost Socks	☐	☐	☐	☐	
Silt Fences/Compost Berms	☐	☐	☐	☐	
Sedimentation Basin	☐	☐	☐	☐	
Inlet Filters (bags, sand, gravel)	☐	☐	☐	☐	
Dust Control	☐	☐	☐	☐	
Stabilized Construction Entrance	☐	☐	☐	☐	
Check Dams	☐	☐	☐	☐	
Street Sweeping	☐	☐	☐	☐	
Earth Dikes/Drainage Swales	☐	☐	☐	☐	
Run-on and Run-off Control					Comments
Earth Dikes/Drainage Swales	☐	☐	☐	☐	

PROVIDE DETAILED COMMENTS

Earth Dikes/Drainage Swales	☐	☑	☐	☐	
Run-on and Run-off Control					Comments
Earth Dikes/Drainage Swales	☐	☑	☐	☐	
Sampling is conducted if required (CIPs only)	☑	☐	☐	☐	
Active Treatment System	☑	☐	☐	☐	Comments
Good Site Management					Comments
Construction Materials (wood, cement, etc.)	☐	☑	☐	☐	Vehicle fluid spilled into gutter. Instructed to clean and to move routine vehicle maintenance away from street.
Petroleum Products (oil, fuel)	☐	☑	☐	☐	
Hazardous Materials (paint, solvents)	☐	☐	☐	☑	
Waste Systems Management	☐	☑	☐	☐	
Soil Stockpiles	☐	☑	☐	☐	
Vehicle Servicing	☐	☐	☐	☑	
Non-Stormwater Management					Comments
Concrete Washout Area	☑	☐	☐	☐	
Sampling is conducted if required (CIPs only)	☑	☐	☐	☐	
Discharge Points Are the discharge points free of evidence of illicit discharge? ☐Yes ☑No					Comments See above.

Enforcement and Follow-up Check back to observe clean up.	Date Problem First Identified: 05/02/12	Next Follow Up Inspection Date: 5/2/12

Comments

Enforcement Action: ☐ None/In compliance ☐ Verbal Notice ☑ Notice to Comply ☐ Notice of Violation ☐ Stop Work ☐ Administrative Fine

Resolution ☐ Problem Fixed ☐ Need More Time ☐ Escalate Enforcement ☐ Date Problem Resolved:

Was there rain with runoff after the problem was identified and before it was resolved? ☐Yes ☐No

Inspector D Cloak	Signature	Date 05/02/12

FOLLOW UP TO ENFORCEMENT ACTIONS

Discharge Points Are the discharge points free of evidence of illicit discharge? ☐Yes ☐No	Comments

Enforcement and Follow-up	Date Problem First Identified:	Next Follow Up Inspection Date:
Comments		
Enforcement Action: ☐ None/In compliance ☐ Verbal Notice ☐Notice to Comply ☐Notice of Violation ☐Stop Work ☐Administrative Fine		
Resolution ☐ Problem Fixed ☐ Need More Time ☐ Escalate Enforcement Was there rain with runoff after the problem was identified and before it was resolved? ☐Yes ☐No		☐ Date Problem Resolved:

Inspector	Signature	Date

NOTE PROJECT STATUS

PROJECT SITE STATUS	
☐ FIRST INSPECTION	DATE:_____
☐ PROJECT IS ONGOING BUT SITE WORK IS INACTIVE	DATE:_____
☐ SITE IS FULLY STABILIZED	DATE:_____

CITY'S ENFORCEMENT RESPONSE PLAN

City of Pittsburg
Enforcement Response Plan

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List of Tables

Table 1 Flowchart of Tiered Enforcement Response

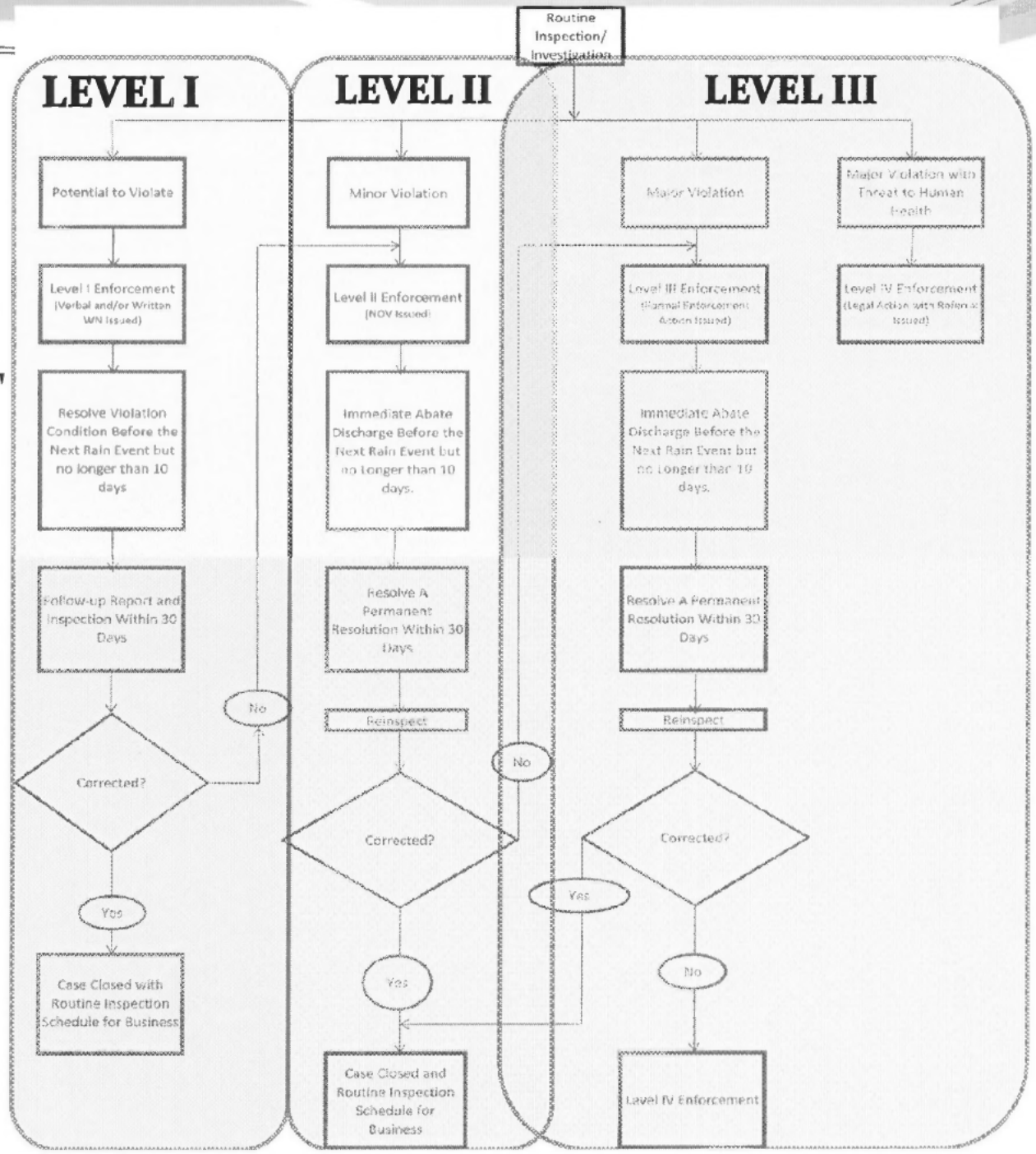
List of Appendixes

Appendix A Municipal Regional Permit (MRP)Provisions C.4, C.5, and C.6

DEFINITION OF A "VIOLATION"

- Violation - Physical evidence of pollutant discharge into the stormwater conveyance system or creek channel, and / or a gross violation of City of Pittsburg stormwater ordinance that cannot be resolved through Notices of Correction or Warning Notices, or Notices of Violation. Verbal Warnings and Notices of Correction are not considered Violations. (Enforcement Response Level II and III).

FLOWCHART OF TIERED ENFORCEMENT RESPONSE



WHEN SHOULD BMPS BE IMPLEMENTED?

- Perimeter controls should be installed before breaking ground
- In preparation for a rain event
- In all areas that have been inactive for >14 days
- At all times – 'appropriate'. This means if there is a discharge, there is no excuse
- Permit does not have a 'rainy season'

Construction BMP Review

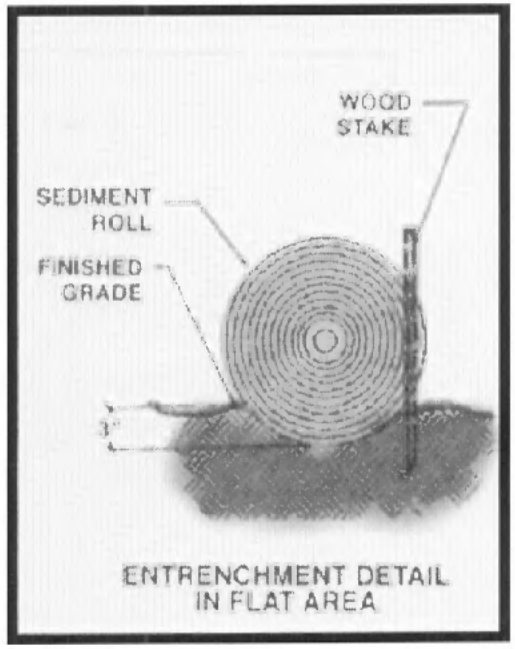
- Erosion controls
- Sediment controls
- Tracking controls
- Material and waste storage

EROSION CONTROL

- Erosion controls provide **80%** of sediment management
- Sediment controls provide **20%** of sediment management
- Protect surface from rain drop impact
- Help retain moisture in the soil
- Minimize the down-slope transport of soil particles
- They will degrade over time

SEDIMENT CONTROLS: FIBER ROLLS

- Locate on level contours
- Use at top and on face of slopes
- Good for perimeter control
- Use recommended spacing in 2009 CGP
- Must be installed correctly: trenched and staked



SEDIMENT CONTROL: INLET PROTECTION

- Protect active inlets year-round
- Use where ponding won't encroach into traffic
- Maintain/clean out after every storm

TRACKING CONTROLS

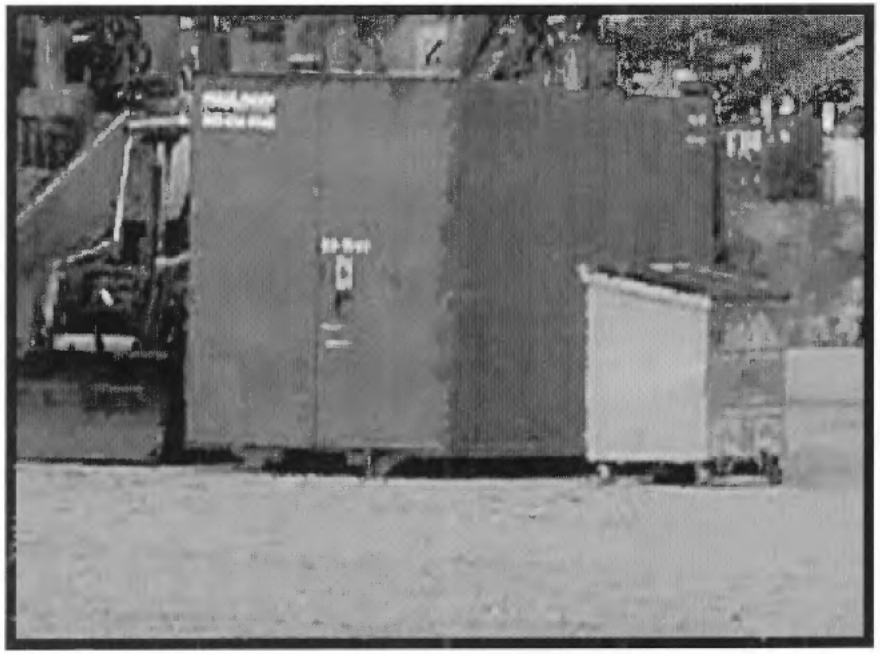
- A VERY visible indicator of compliance effort (or lack of)
- Minimize number of access points
- Use coarse aggregate over filter fabric
- Year-round requirement
- In high traffic areas, street sweepers may be needed

MATERIAL STORAGE

- Cover and contain
- Keeps site clean / good housekeeping
- Avoids potential sampling for non-visible pollutants

WASTE MANAGEMENT

- Debris discharge from site is a permit violation!
- Cover trash containers
- Provide water-tight concrete washouts



SOIL STABILIZATION

Potential Violation:
Inactive area with no erosion control

RESOURCES

- MUFFS NPDES FORMS AND ERP

- STATE WATER RESOURCES CONTROL BOARD
  http://www.waterboards.ca.gov/water_issues/programs/stormwater/construction.shtml

- CALIFORNIA STORMWATER QUALLITY ASSOCIATION (CASQA) CONSTRUCTION BMP HANDBOOK WEBPORTAL: (also in hardcopy form next to flat files)

  http://www.casqa.org/

QUESTIONS?

Louie, Selina@Waterboards

From: Jolan Longway <JLongway@ci.pittsburg.ca.us>
Sent: Tuesday, October 16, 2012 10:22 AM
To: Louie, Selina@Waterboards
Subject: City of Pitsburg C.6 NOV
Attachments: COP Follow Up to C.6 NOV.pdf

Hi Selina,

As follow up to the City's response letter regarding the NOV issued to the City for Provision C.6, attached is the ensuing training information that was provided to our inspection staff.
Please let me know if you need any additional information.

Jolan Longway
Civil Engineer II/NPDES Coordinator
City of Pittsburg
Development Services Department
65 Civic Avenue
Pittsburg, CA 94565
Ph. (925) 252-4803
Fax (925) 252-6928

FY 2012-2013 CONSTRUCTION INSPECTION DATA

							PROBLEMS OBSERVED						
PERMIT NUMBER	CONSTRUCTION STATUS	DATE OF INSPECTION	FACILITY / SITE INSPECTED	WEATHER DURING INSPECTION	INCHES OF RAIN SINCE LAST INSPECTION	ENFORCEMENT RESPONSE LEVEL	*EROSION CONTROL*	*RUN-ON AND RUN-OFF CONTROL*	*SEDIMENT CONTROL*	*ACTIVE TREATMENT SYSTEM*	*GOOD SITE MANAGEMENT*	*NON STORMWATER MANAGEMENT*	*ILLICIT DISCHARGE*

	RESOLUTION			
SPECIFIC PROBLEM(S)	PROBLEMS FIXED	NEED MORE TIME	ESCALATE ENFORCEMENT	COMMENTS/ RATIONALE FOR LONGER COMPLIANCE TIME

			NUMBER OF ENFORCEMENT ACTIONS TAKEN				
TOTAL NUMBER OF INSPECTIONS	NUMBER OF SITES >1ACRE	NUMBER OF HIGH PRIORITY SITES	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	% OF ENFORCEMENT ACTIONS TAKEN

NUMBER OF VIOLATIONS PER BMP CATEGORY						
EROSION CONTROL	RUN-ON AND RUN-OFF CONTROL	SEDIMENT CONTROL	ACTIVE TREATMENT SYSTEMS	GOOD SITE MANAGEMENT	NON STORMWATER MANAGEMENT	% OF TOTAL VIOLATIONS

CALIFORNIA
Water Boards

EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIQUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

San Francisco Bay Regional Water Quality Control Board

April 5, 2013
CIWQS Place Number: 241758(STL)

Sent by email to nfialho@ci.pleasanton.ca.us

Mr. Nelson Fialho
City Manager
City of Pleasanton
123 Main Street
Pleasanton, CA 94566

Subject: Notice of Violation Pursuant to Provisions C.4., C.5., and C.6. of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit

Dear Mr. Fialho:

In a letter dated May 1, 2012, we requested the submittal of the City of Pleasanton's 2010-11 Business Inspection Plan as required in Provision C.4.b. and Enforcement Response Plans as required in Provision C.4.c, C.5.b, and C.6.b. U.S. Environmental Protection Agency's contractor, PG Environmental, evaluated both plans for compliance with the City of Pleasanton's municipal stormwater permit: Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit (the MRP). This letter is to notify you that based on the findings of the evaluations, the City of Pleasanton (City) has been found to be in violation of the MRP.

Evaluation of the 2010-2011 Business Inspection Plan
Per our request for the City to submit its 2010-11 Business Inspection Plan, the City submitted a document titled "Annual Business Inspection Work Plan and Updates to Five-Year Plans Fiscal Year 2010/11" (BIP). Following are findings based on the evaluation of the City's BIP:

1. The City's BIP format is different than the format submitted by the other permittees in Alameda County (Alameda County, and the cities of Berkeley, Dublin, and Hayward). Those four permittees' BIPs were based on a BIP template provided by the Alameda Countywide Clean Water Program to comply with Provision C.4.b. of the MRP. The City did not use the BIP template provided by the Alameda Countywide Clean Water Program. The City's BIP follows the same format of the Annual Business Inspection Work Plans submitted under the Previous Permit.
2. The BIP is a workplan for the 2010-11 fiscal year.
3. The BIP includes a list of 85 facilities to be inspected during 2010-11 but it is unclear how many total facilities require inspections in the City. The MRP requires the total number and a list of industrial and commercial facilities requiring inspections.
4. The BIP does not show that the City has considered businesses with functional aspects and types listed in Provision C.4.b.ii. and prioritized them into its BIP for inspection as required by the MRP.
5. The BIP states that fast food and full service restaurants, veterinary services, automotive service industry and grocery stores have the highest potential for pollutants' impact on the

City's stormwater runoff. But there is no inspection frequency for these types of businesses. There is no prioritization for sites with a violation history.

6. The BIP does not discuss a mechanism to include newly opened businesses that warrant inspection into the City's inspection program as required by the MRP.

Violation #1: The City failed to develop a Business Inspection Plan as required by Provision C.4.b. of the MRP.

Required Action #1: The City shall review the Business Inspection Plan requirements in the MRP, and develop and implement a Business Inspection Plan to comply with those requirements. At a minimum, the BIP shall contain the following elements:

(a) Total number and list of industrial and commercial facilities requiring inspections;
(b) A description of the process for prioritizing inspections and frequency of inspections for each level of priority;
(c) Discussion showing that the City has considered the businesses with functional aspects and types listed in Provision C.4.b.ii. and prioritized them into the BIP for inspection;
(d) Prioritization for more frequent inspections facilities that are found to have Best Management Practice violations, evidence of a non-stormwater discharge, and evidence of a non-stormwater discharges that do not make it into the storm drain; and
(d) Discussion of the mechanism the City uses to include newly opened businesses that warrant inspection into its BIP.

Evaluation of the Enforcement Response Plan

Following are findings based on the evaluation of the City's Enforcement Response Plan (ERP):

1. The City's ERP is dated March 16, 2010. There is a section for Provisions C.4. and C.5. and a separate section for Provision C.6.
2. The section in Provisions C.4. and C.5. discusses the four levels of enforcement: Verbal Warning, Written Warning, Notice to Comply, and Administrative Citation. The section in Provision C.6. does not discuss enforcement levels.
3. The ERP does not list the nature of violations (field scenarios) that trigger each level of enforcement.
4. The ERP does not identify the positions with authority to issue each level of enforcement.
5. The ERP does not discuss escalation of responses for repeat violations as required by the MRP.
6. The ERP does not discuss the City's procedures to verify implementation of corrective actions.
7. The cover page of the ERP states that it covers Provision C.4. and Provision C.5. Because of the limited discussion, it is unclear if the ERP covers both provisions.
8. The second page of the ERP states "All violations must be corrected in a timely manner with the goal of correcting them before the next rain event but no longer than 10 business days after the violation has occurred." Active discharges must cease immediately. Corrective actions can be temporary and more time can be allowed for permanent corrective actions, with rationale recorded.
9. The Provision C.6. portion consists of several internal standard operating procedures that instruct inspectors on how to review construction stormwater plans and conduct inspections. It does not appear to be an ERP developed to comply with MRP.

Violation #1: The City failed to develop and implement Enforcement Response Plans by April 1, 2010 as required by Provision C.4, C.5, and C.6. of the MRP.

Required Action #2: The City shall review the Enforcement Response Plan requirements in Provision C.4, C.5, and C.6. and develop Enforcement Response Plans to comply with those requirements. At a minimum, the ERP shall contain the following elements:

(a) The required enforcement actions, the structure for progressively stricter responses, and the procedures for enforcement actions for each provision;
(b) Discussion and/or flowchart that guides the user from finding a specific type of violation to verifying corrective actions for the violation;
(c) Field scenarios that evoke each level of enforcement;
(d) Timeframes for correction of violation;
(e) Timeframe for escalation of enforcement;
(f) Discussion of which positions have the authority to issue each level of enforcement ;
(g) Procedures to verify implementation of corrective actions in a timely manner; and
(h) Referral to another agency.

Required Action #3: The City shall update its ERP to require immediate abatement of an active non-stormwater discharge.

Recommended Action #1: The City should consider putting together a flow chart for its ERP. A good number of Permittees have a flow chart in their ERPs and have stated that the flow chart is the most useful part of their ERPs.

Comparison of City's 2010-2011 and 2011-2012 Annual Reports with ERP

We compared the enforcement data reported in Provision C.4. and Provision C.6. of the City's 2010-2011 and 2011-2012 annual reports with City's ERP. The enforcement actions taken in the field by City inspectors during both reporting years for Provision C.4. are consistent with the City's ERP. Since the City's ERP does not list the enforcement levels for Provision C.6, it is unclear if the enforcement actions taken in the field by construction site field inspectors are consistent with the City's ERP.

Required Action #3: The City shall ensure that enforcement actions taken in the field are consistent with the City's ERP.

Conclusion

The City is required to respond in writing to this NOV by May 10, 2013. The response must include the updated BIP and ERP showing compliance with the above required actions and documentation that appropriate staff has been trained on both plans.

Nothing in this letter shall be construed as an amendment to the deadlines in the MRP. Please be aware that pursuant to California Water Code Sections 13385(a)(2) and 13385(c)(1), a Permittee is subject to discretionary administrative civil liabilities of up to $10,000 for each day in which a violation occurs (i.e., each day a Permittee fails to develop and implement its Business Inspection Plan and Enforcement Response Plans). These discretionary administrative civil liabilities may be assessed by the Water Board, beginning with the date that the violation first occurred. In this matter, and as set forth above, the days in violation would be calculated from December 1, 2009 for the Business Inspection Plan and April 1, 2010 for the Enforcement Response Plans.

Should you have question regarding this matter or need a hard copy of this letter, please email Selina Louie, of my staff, at slouie@waterboards.ca.gov or call her at (510) 622-2383.

Sincerely,

Shin-Roei Lee
2013.04.05
14:04:42 -07'00'

Shin-Roei Lee, Chief
Watershed Management Division

cc: Abbas Masejedi, City of Pleasanton
Jim Scanlin, Alameda County Clean Water Program

California Regional Water Quality Control Board
Santa Ana Region

Linda S. Adams
Secretary for Environmental Protection

3737 Main Street, Suite 500, Riverside, California 92501-3348
Phone (951) 782-4130 • FAX (951) 781-6288
www.waterboards.ca.gov/santaana

Arnold Schwarzenegger
Governor

August 19, 2010

Mr. Jack Lam, City Manager
City of Rancho Cucamonga
10500 Civic Center Drive
Rancho Cucamonga, CA 91730

NOTICE OF VIOLATION OF THE AREAWIDE URBAN STORM WATER RUNOFF PERMIT FOR SAN BERNARDINO COUNTY AND THE INCORPORATED CITIES, NPDES PERMIT NO. CAS618036, ORDER NO. R8-2010-0036 (MS4 PERMIT)

Dear Mr. Lam:

On June 9, 2010, we conducted an inspection of the City of Rancho Cucamonga's municipal corporate yards: the Epicenter yard located at 3408 Rochester Avenue and the City's Main yard located at 9153 9th Street. Nam Nguyen, Muhammad Bashir and Keith Elliott from this office met with Linda Ceballos, Scott Rapp, Mike Moore and Richard Alcorn from the City. The purpose of the inspection was to determine if the City has addressed the deficiencies and violations identified during the 2006 audit of the corporate yards and to ensure that these corporate yards are not sources of pollutants in storm water runoff. Other MS4 program elements have not been evaluated during this inspection.

During the inspection, we observed that most of the deficiencies and violations identified during the 2006 audit have been corrected. However, as noted below, some new concerns and continuing violations were observed during the inspection:

Epicenter Yard:

1. The refueling area had no cover, no interceptor drains or a sump to capture any spilled fuel. See attached photograph 4.

2. The City uses an absorbent product consisting of clay material which is used for fuel spill cleanups. Proper storage and cleanup and disposal of this material when it is used for spill cleanup are critical. This is a fine grained material and if not properly handled and cleaned up, this could become a source of pollutant in storm water runoff from the site. See photographs 2, 3 and 4.

3. Inadequate cover for materials in the storage bays poses a potential for sediment-laden storm water discharges from this area. See photographs 5 and 6.

4. Spill Prevention Control Counter Measure (SPCC) plan calls for monthly visual inspections of the corporate yards. Either City staff is not conducting monthly inspections or they were not recording the inspections in the inspection data base. City staff stated that only recent inspections have been entered into the MS4 Solutions database. In response to the 2006 NOV, the City had agreed to maintain inspection records. The inspection records may be used as a tool to identify and correct any problems and to monitor the effectiveness of any control measures implemented at the facility.

5. It appears that the Epicenter Yard is used less frequently compared to the City Corporate Yard. However, the materials storage area, the fueling area and the equipment washing and maintenance areas could be sources of pollutants. Additional control measures and/or monitoring may be necessary to eliminate all sources of pollutants from the corporate yards.

City Corporate Yard:

1. Please see comment 4, above. It appears that the inspections were not being performed as stated in the SPCC plan. Since the 2006 audit, there was only one recorded inspection, conducted during the month of June 2010, just prior to our visit to the facility.

2. During the 2006 audit, City staff did not have complete information about the layout of the clarifier and if was actually connected to the CDS unit that discharges offsite. The 2006 NOV required the City to evaluate the clarifier and the CDS unit layouts to ensure that unauthorized non-storm water discharges were not going into the City's MS4 system.

   During the June 9, 2010 inspection, City staff stated that surface flow along the shallow v-ditch towards the Lion Street gate, drains into the CDS unit for treatment before offsite discharge. City staff also indicated that the CDS unit treats all flows from the northern portion of the yard, including the display vehicle washing area. Discharges from the CDS unit goes into an underground discharge point on Lion Street that daylights into an open field owned by the City before discharging onto East 8th Street by Hellman Avenue. Any discharge of vehicle wash water into the MS4 systems is an unauthorized non-storm water discharge. Unauthorized non-storm water discharges should be eliminated, properly managed, or covered under a separate NPDES Permit.

3. We observed uncovered stock piles of miscellaneous wastes and roll-off bins containing green wastes. The area where these wastes were stored drains into the southern railroad easement drainage channel. We noted several rows of gravel bags in this area to filter gross pollutants. The City should ensure that all potential pollutant sources are eliminated or proper control measures are implemented.

4. Currently, the SWPPP does not include any monitoring and sampling plans to monitor the effectiveness of the control measures and/or to determine the quality of the runoff from the site. We recommend that the SWPPP be amended to include storm water runoff monitoring at the Lion Street discharge point, the CDS discharge outlet, (see photographs 8 and 9), and the southern railroad easement drainage channel, where most of the site's uncovered storage piles are located (see photographs 10 to 13).

Any sampling and monitoring plan should be consistent with the monitoring program and reporting requirements in Section B, starting on page 24 of the General Industrial Storm Water Permit at:
http://www.waterboards.ca.gov/water_issues/programs/stormwater/docs/induspmt.pdf

Please submit a corrective action plan and a schedule to us by September 20, 2010 indicating the actions that have taken or will be taken to bring the City into full compliance with the terms and conditions of the MS4 Permit.

If you have any question, please contact Nam Nguyen at 951-321-4582 (email: nnguyen@waterboards.ca.gov) or Milasol Gaslan at 951-782-4419 (email: mgaslan@waterboards.ca.gov).

Sincerely,

Michael Adackapara
Division Chief

Enclosure: Inspection Photographs (13)

cc: Matt Yeager – San Bernardino County Storm Water Program Manager
(myeager@dpw.sbcounty.gov)
Linda Ceballos - City of Rancho Cucamonga, NPDES Coordinator
(Linda.Ceballos@cityofrc.us)
Scott Rapp – City of Rancho Cucamonga, NPDES Coordinator
(Scott.Rapp@cityofrc.us)

CITY OF RANCHO CUCAMONGA EPICENTER YARD
3408 ROCHESTER AVENUE, RANCHO CUCAMONGA
June 9, 2010

Photo 1: City's Epicenter Yard Aerial Photo

Above ground gas tank and refueling location drains directly out of the eastern gate.

Three sediment storage bays. This area drains southward to the southern gate.

Photo 2 Photo 3

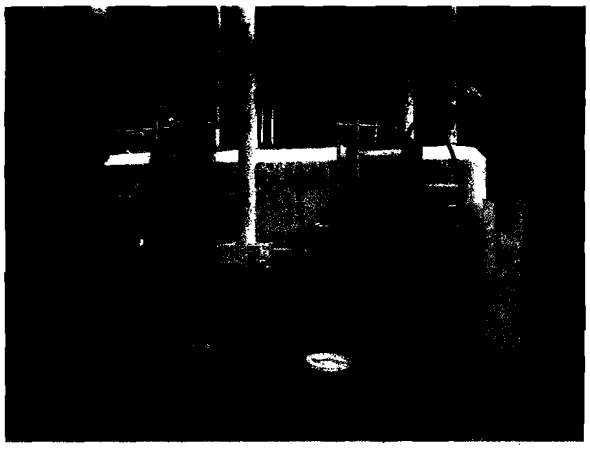


Photo 4

Photo 2 to 4: Clay product used as a secondary back-up fuel spill response adsorbent, beside the two 3-gallon spill kits near the above ground fuel tank. No overhead cover. No intercepting system for fuel residue in storm water or spill events. Fine grained clay product potentially introduces additional pollutant into storm water run-off when used and not adequately picked up.

Photo 5

Photo 6

Inadequate cover in materials storage bay pose a potential source of sediment-laden storm water discharges from this area.

CITY OF RANCHO CUCAMONGA MUNICIPAL CORPORATE YARD
9153 9th STREET, RANCHO CUCAMONGA
June 9, 2010

Photo 7: Municipal Corporate Yard Aerial Photo

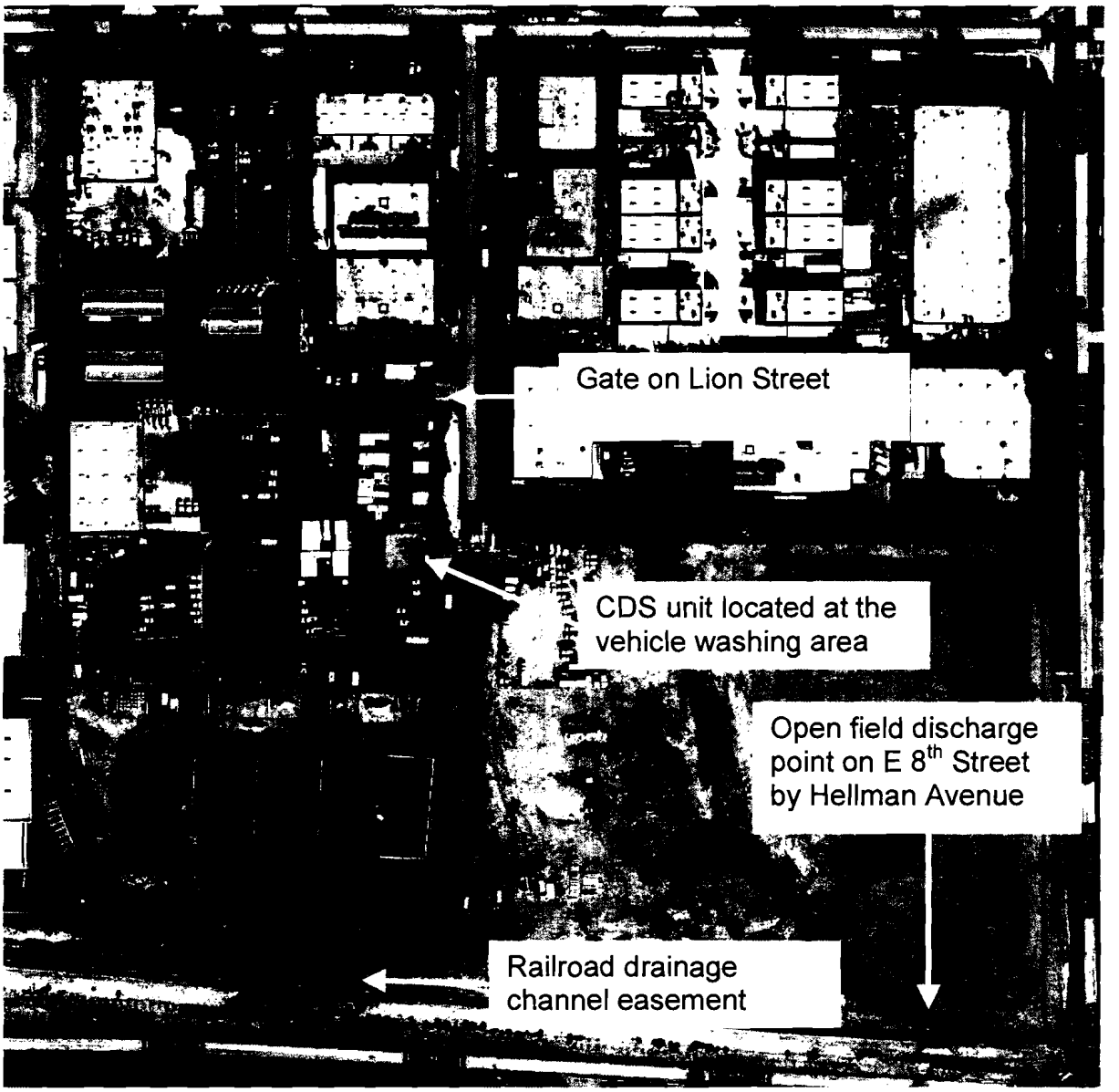


Photo 8

Surface flow along the shallow v-ditch towards the Lion Street gate, drains into two inlets that lead into the CDS unit approximately 125 feet south (to far right of the photo) for treatment before offsite discharge onto E. 8th St.

During high flow events, discharge may also occur at the Lion Street gate discharge point.

Photo 9

CDS unit treats most run-off from the northern portions of the yard, including the display vehicle washing area, before discharging into the open field discharge point on E. 8th St. by Hellman Ave.

Photo 10 Materials storage area

Photo 11 Materials storage area

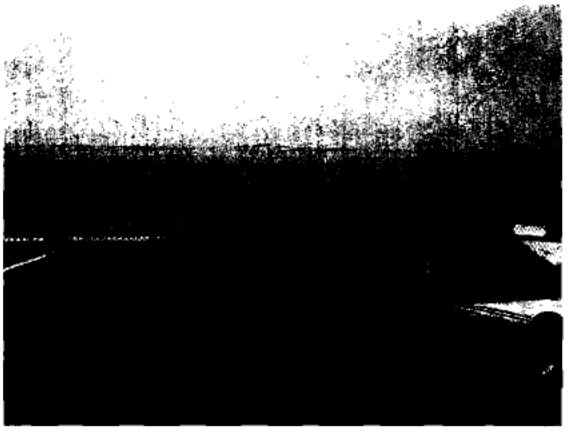


Photo 12 Materials storage area

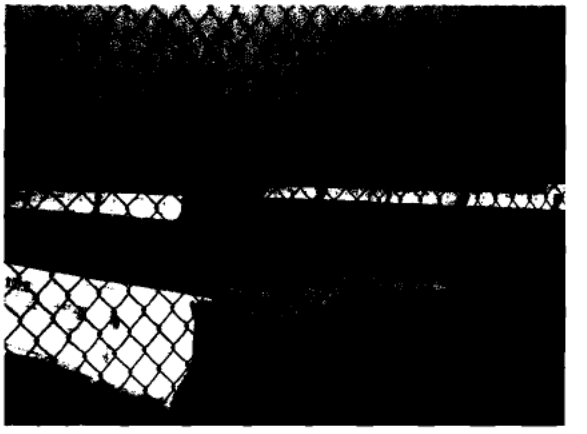


Photo 13 Materials storage area

Uncovered stock piles, miscellaneous waste collected, and roll-off bins of green wastes are stored in this area. This area drains into the southern railroad easement drainage channel. BMPs comprised of several of rows of gravel bags to filter gross pollutant.

No known storm water sampling to analyze for gross pollutants leaving site. See Photo 7 for greater details on location of southern storage area and the drain channel.

Linda S. Adams
Secretary for
Environmental Protection

California Regional Water Quality Control Board
San Francisco Bay Region

1515 Clay Street, Suite 1400, Oakland, California 94612
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http://www.waterboards.ca.gov/sanfranciscobay

Edmund G. Brown, Jr.
Governor

May 23, 2011
CIWQS Place #: 253956(STL)

Also Emailed to citymanager@redwoodcity.org

Mr. Robert B. Bell
City Manager
Redwood City
1017 Middlefield Road
Redwood City, California 94063

Subject: Notice of Violation for Failure to Develop and Implement an Industrial and Commercial Business Inspection Plan Pursuant to Provision C.4. of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit

Dear Mr. Bell:

This letter is to notify you that Redwood City (the City) is in violation of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit (the MRP), which regulates stormwater discharges from municipalities and local agencies in Alameda, Contra Costa, San Mateo, and Santa Clara counties and in the cities of Fairfield, Suisun City, and Vallejo. The City has failed to develop and implement an Industrial and Commercial Business Inspection Plan (Business Plan) by December 2, 2009 pursuant to Provision C.4. of the MRP. The City's Annual Report received in our office on September 15, 2010 indicates that the Business Plan was not developed and implemented by December 2, 2009.

The City must submit the following information by June 6, 2011:

(a) A copy of the City's Business Inspection Plan as required by Provision C.4.b. This Business Inspection Plan should include a discussion of which businesses San Mateo County Environmental Health (SMCEH) will inspect on behalf of the City and which businesses the City will inspect;
(b) A discussion as to when the City complied with the development and implementation of the Business Inspection Plan; and
(c) A discussion as to what enforcement authorities are granted to SMCEH for businesses SMCEH inspects within the City limits and a discussion as to when enforcement is turned over to the City; and
(d) A discussion as to how the City will ensure that SMCEH inspects, enforces, and verifies implementation of correction actions as required by the MRP.

Nothing in this letter shall be construed as an amendment to the deadlines in the MRP. Please be aware that pursuant to California Water Code Sections 13385(a)(2) and 13385(c)(1), a Permittee is subject to discretionary administrative civil liabilities of up to $10,000 for each day in which a

violation occurs. These discretionary administrative civil liabilities may be assessed by the Water Board, beginning with the date that the violation first occurred. In this matter, and as set forth above, the days in violation could be calculated from December 2, 2009.

Should you have questions or need a hard copy of this letter, please call Selina Louie, of my staff, at (510) 622-2383 or send an email to slouie@waterboards.ca.gov.

Sincerely,

Shin-Roei Lee, Chief
Watershed Management Division

cc: Marilyn Harang, Redwood City
Matt Fabry, Program Manager, San Mateo Countywide Water Pollution Prevention Program

Linda S. Adams
Secretary for
Environmental Protection

California Regional Water Quality Control Board
San Francisco Bay Region

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Edmund G. Brown, Jr.
Governor

April 15, 2011
CIWQS Place #: 253956(STL)

Also Emailed to mail@redwoodcity.org

Mr. Bob Bell
Interim City Manager
Redwood City
1017 Middlefield Road
Redwood City, California 94063

Subject: **Notice of Violation for Failure to Track Construction Site Inspection Data Pursuant to Provision C.6. of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit**

Dear Mr. Bell:

This letter is to notify you that Redwood City (the City) is in violation of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit (the MRP), which regulates stormwater discharges from municipalities and local agencies in Alameda, Contra Costa, San Mateo, and Santa Clara counties and in the cities of Fairfield, Suisun City, and Vallejo. In a letter dated January 4, 2011, we requested that the City submit its 2009-10 construction inspection data tracked in an electronic database or tabular format. Provision C.6., Construction Site Control, of the MRP requires the City to inspect monthly all high priority sites and all sites disturbing one or more acre of soil; and to track all inspections in an electronic database or tabular format. The City's construction inspection data indicates that the City did not track its construction inspection data in an electronic database or tabular format as required by Provision C.6.e.ii.(4). In addition, it is unclear if the City inspected monthly all high priority sites and all sites disturbing one or more acre of soil.

The City must submit the following information by April 29, 2011:

(a) Copies of all inspection notes/records/forms for all construction site stormwater runoff quality inspections conducted from December 1, 2009 through March 31, 2011;
(b) A list of all construction sites requiring storm water runoff quality inspections during the 2009-2010 Reporting Year. Include the acreage of soil disturbed;
(c) A list of all construction sites requiring storm water runoff quality inspections during the 2010-2011 Reporting Year. Include the acreage of soil disturbed;
(d) A discussion as to when the City complied with tracking its construction inspection data in an electronic database or tabular format; and
(e) A copy of the 2010-2011 construction inspection data tracked in the electronic database or tabular format as required by Provision C.6.e.ii.(4).

Nothing in this letter shall be construed as an amendment to the deadlines in the MRP. Please be aware that pursuant to California Water Code Sections 13385(a)(2) and 13385(c)(1), a Permittee is subject to discretionary administrative civil liabilities of up to $10,000 for each day in which a violation occurs. These discretionary administrative civil liabilities may be assessed by the Water Board, beginning with the date that the violation first occurred. In this matter, and as set forth above, the days in violation could be calculated from December 2, 2009.

Should you have questions or need a hard copy of this letter, please call Selina Louie, of my staff, at (510) 622-2383 or send an email to slouie@waterboards.ca.gov.

Sincerely,

Shin-Roei Lee, Chief
Watershed Management Division

cc: Marilyn Harang, Redwood City
Matt Fabry, Program Manager, San Mateo Countywide Water Pollution Prevention Program

From: PWS-Marilyn Harang <MHarang@redwoodcity.org>
To: "Selina Louie (slouie@waterboards.ca.gov)" <slouie@waterboards.ca.gov>
CC: MGR-Deanna La Croix <dlacroix@redwoodcity.org>, E&C-Peter Vorametsanti <...
Date: 1/11/2011 4:07 PM
Subject: Letter Response to NOV
Attachments: Letter to SF Bay Regional Water Board.pdf

Hello Selina,
Please find enclosed the City's response to the Water Board's Notice of Violation for Failure to Develop and Implement Enforcement Response Plans Pursuant to Provisions C.4., C.5., and C.6. of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit.

Please contact me if you need additional information.

Marilyn Harang
Wastewater Superintendent
Public Works Services
City of Redwood City, CA
v. 650.780.7477

Find street cleaning information for your house & neighborhood online at the
Community GIS: http://pubgis.redwoodcity.org/communitygis/
and view the 2010 Neighborhood Street Cleaning Calendar

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(www.redwoodcity.org/egov<http://www.redwoodcity.org/egov>)
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Office of the Interim City Manager
Robert B. Bell

1017 Middlefield Road
Redwood City, CA 94063
(650) 780-7301
Fax (650) 780-7225

January 11, 2011

Mr. Bruce Wolfe
Executive Officer
San Francisco Bay Regional Water Quality Control Board
1410 Clay Street Suite 1400
Oakland, CA 94612
Attention: Selina Louie

SUBJECT: RESPONSE TO NOTICE OF VIOLATION FOR FAILURE TO DEVELOP AND IMPLEMENT ENFORCEMENT RESPONSE PLANS PURSUANT TO PROVISIONS C.4., C.5., AND C.6. OF WATER BOARD ORDER NO. R2-2009-0074, MUNICIPAL REGIONAL STORMWATER NPDES PERMIT

Dear Mr. Wolfe:

This letter is in response to the subject Notice of Violation issued via email to former city manager, Peter Ingram on December 2, 2010.

I want to assure the Regional Board that the city has the legal authority to enforce compliance with the Clean Water Act and the provisions of the California Water Code with regards to stormwater. Through Chapter 27A of the municipal code and its amending ordinances, the City has established the Stormwater Management and Discharge Control Program, which defines stormwater compliance, identifies specific violations, establishes the City's right to inspect, impose fines and seek remedies for violations of NPDES permit requirements. There are procedures including steps in the enforcement process in place, however, the ERP must be written detailing the City's process.

Over the past several months, the City has experienced reductions in staff and budgets, including layoffs and retirements that delayed our submittal of a draft Enforcement Response Plan (ERP). During this transitional period the City has been working to complete this critical compliance assignment per the requirements of the Municipal Regional Stormwater Permit (MRP).

The City will submit the ERP document by March 31, 2011.

Sincerely,

Robert Bell, Interim City Manager

c: Evan Boyd, Public Works Services Director
Marilyn Harang, Public Works Services Superintendent
Chu Chang, Community Development Services Manager
Peter Vorametsanti, City Engineer
Hilary Stevenson, Deputy City Attorney

California Regional Water Quality Control Board
San Francisco Bay Region

Linda S. Adams
Secretary for
Environmental Protection

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http://www.waterboards.ca.gov/sanfranciscobay

Arnold Schwarzenegger
Governor

December 2, 2010
CIWQS Place #: 253956(STL)

Mr. Peter C. Ingram
City Manager
Redwood City
1017 Middlefield Road
Redwood City, California 94063

RE: **Notice of Violation for Failure to Develop and Implement Enforcement Response Plans Pursuant to Provisions C.4., C.5., and C.6. of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit**

Dear Mr. Ingram:

This letter is to notify you that Redwood City (the City) is in violation of Water Board Order No. R2-2009-0074, Municipal Regional Stormwater NPDES Permit (the MRP), which regulates stormwater discharges from municipalities and local agencies in Alameda, Contra Costa, San Mateo, and Santa Clara counties and in the cities of Fairfield, Suisun City, and Vallejo. The City has failed to develop and implement Enforcement Response Plans by April 1, 2010 pursuant to Provisions C.4., C.5., and C.6. of the MRP. The City's Annual Report, received in our office on September 15, 2010, indicates that the Enforcement Response Plans were not developed and implemented by April 1, 2010.

The City must submit and implement its Enforcement Response Plans by December 15, 2010 and include a written explanation for the delay. Nothing in this letter shall be construed as an amendment to the deadlines in the MRP. Please be aware that pursuant to California Water Code Sections 13385(a)(2) and 13385(c)(1), a Permittee is subject to discretionary administrative civil liabilities of up to $10,000 for each day in which a violation occurs. These discretionary administrative civil liabilities may be assessed by the Water Board, beginning with the date that the violation first occurred. In this matter, and as set forth above, the days in violation could be calculated from April 2, 2010.

Please also be aware that the technical reports required in this Notice of Violation constitute a formal requirement for technical reports pursuant to CWC Section 13267 (more information on CWC Section 13267 is provided in the enclosed Fact Sheet). Failure to respond or a late or inadequate response to this requirement may result in the imposition of civil liability in accordance with the provisions of CWC Section 13268.

Should you have questions, please call Sue Ma, of my staff, at (510) 622-2386 or send her an email at sma@waterboards.ca.gov.

Sincerely,

Thomas E. Mumley
Assistant Executive Officer

Enclosure: CWC Section 13267 Fact Sheet

cc: Marilyn Harang, Redwood City
Matt Fabry, Program Manager, San Mateo Countywide Water Pollution Prevention Program

Linda S. Adams
Secretary for Environmental Protection

California Regional Water Quality Control Board

San Francisco Bay Region

Arnold Schwarzenegger
Governor

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Fact Sheet – Requirements for Submitting Technical Reports Under Section 13267 of the California Water Code

What does it mean when the Regional Water Board requires a technical report?
Section 13267[1] of the California Water Code provides that "…the regional board may require that any person who has discharged, discharges, or who is suspected of having discharged or discharging, or who proposes to discharge waste...that could affect the quality of waters...shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires."

This requirement for a technical report seems to mean that I am guilty of something, or at least responsible for cleaning something up. What if that is not so?
The requirement for a technical report is a tool the Regional Water Board uses to investigate water quality issues or problems. The information provided can be used by the Regional Water Board to clarify whether a given party has responsibility.

Are there limits to what the Regional Water Board can ask for?
Yes. The information required must relate to an actual or suspected or proposed discharge of waste (including discharges of waste where the initial discharge occurred many years ago), and the burden of compliance must bear a reasonable relationship to the need for the report and the benefits obtained. The Regional Water Board is required to explain the reasons for its request.

What if I can provide the information, but not by the date specified?
A time extension may be given for good cause. Your request should be promptly submitted in writing, giving reasons.

Are there penalties if I don't comply?
Depending on the situation, the Regional Water Board can impose a fine of up to $5,000 per day, and a court can impose fines of up to $25,000 per day as well as criminal penalties. A person who submits false information or fails to comply with a requirement to submit a technical report may be found guilty of a misdemeanor. For some reports, submission of false information may be a felony.

Do I have to use a consultant or attorney to comply?
There is no legal requirement for this, but as a practical matter, in most cases the specialized nature of the information required makes use of a consultant and/or attorney advisable.

What if I disagree with the 13267 requirements and the Regional Water Board staff will not change the requirement and/or date to comply?
You may ask that the Regional Water Board reconsider the requirement, and/or submit a petition to the State Water Resources Control Board. See California Water Code sections 13320 and 13321 for details. A request for reconsideration to the Regional Water Board does not affect the 30-day deadline within which to file a petition to the State Water Resources Control Board.

If I have more questions, whom do I ask?
Requirements for technical reports include the name, telephone number, and email address of the Regional Water Board staff contact.

Revised January 2008

[1] All code sections referenced herein can be found by going to www.leginfo.ca.gov.

From: PWS-Marilyn Harang <MHarang@redwoodcity.org>
To: 'Selina Louie' <slouie@waterboards.ca.gov>, Dale Bowyer <DBowyer@waterbo...
CC: PWS-Evan Boyd <eboyd@redwoodcity.org>, B&I-Elaine Costello <ecostello@re...
Date: 5/13/2011 9:02 AM
Subject: City of Redwood City - Response to NOV for Provision C.6.
Attachments: Supplemental Response to Notice of Violation.pdf

Please find attached the City's letter with the detailed information requested in response to the subject NOV (Provision C.6) letter of April 15, 2011. Please call me if you have questions.

.....Marilyn
Marilyn Harang, Public Works Superintendent
Wastewater Management Services
Public Works Services
1400 Broadway St
City of Redwood City, CA
v. 650.780.7477

Find street cleaning information for your house & neighborhood online at the
Community GIS: http://www.redwoodcity.org/gis/<http://pubgis.redwoodcity.org/communitygis/>
and view the 2011 Neighborhood Street Cleaning Calendar at:
http://www.redwoodcity.org/publicworks/streets/pdf/2011-RWC-Street-Cleaning-Schedule.pdf

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Office of the City Manager
Robert B. Bell

1017 Middlefield Road
Redwood City, CA 94063
(650) 780-7301
Fax (650) 780-7225

May 13, 2011

Mr. Bruce Wolfe, Executive Officer
San Francisco Bay Regional Water Quality Control Board
1410 Clay Street, Suite 1400
Oakland, CA 94612
Attention: Selina Louie

SUBJECT: SUPPLEMENTAL RESPONSE TO NOTICE OF VIOLATION FOR FAILURE TO TRACK CONSTRUCTION SITE INSPECTION DATA PURSUANT TO PROVISION C.6. OF WATER BOARD ORDER NO. R2-2009-0074, MUNICIPAL REGIONAL STORMWATER NPDES PERMIT

Dear Mr. Wolfe:

As promised in our letter to you, dated April 29, 2011, we are submitting with this letter materials requested by the April 15, 2011, Notice of Violation concerning the City's construction inspection tracking as required by the Municipal Regional Permit Provision C.6.

Following the submittal of our April 29 letter, Redwood City staff members have met with and received guidance on the Provision C.6 data tracking requirements from Matt Fabry, Program Coordinator of the San Mateo Countywide Water Pollution Prevention Program, and staff members of the Program's permit compliance consultant, EOA, Inc. The input provided in the April 27 teleconference between Selina Louie and Redwood City staff, together with input from the Countywide Program and EOA, has helped us better understand the specific information that Water Board staff has requested.

Enclosed with this letter are the following materials:

- Attachment 1: A copy of the 2010-2011 construction inspection data tracked in the Excel spreadsheet format prepared by the Countywide Program;
- Attachment 2: A list of all construction sites requiring stormwater runoff quality inspections during the 2009-10 Reporting Year;
- Attachment 3: A list of all construction sites requiring stormwater runoff quality inspections during the 2010-2011 Reporting Year; and
- Attachment 4: Copies of all inspection notes/records/forms for all construction site stormwater runoff quality inspections conducted from December 1, 2009, through March 31, 2011.

To help guide your review of the attachments, the following information is provided about the attached materials.

- **Attachment 1** presents in an Excel spreadsheet format the construction site data that the City has been tracking during Reporting Year 2010-2011, as requested in the April 15, 2011, Notice of Violation. As discussed previously with Water Board staff, the City had not previously used the Countywide Program's Excel tracking table, because we have relied on our Trakit database to track stormwater inspections of construction sites since 2005. Because the Trakit format may have made it difficult for Water Board staff to verify the effectiveness of our construction site inspection program, we have manually entered these data in the Excel spreadsheet.
- **Attachments 2 and 3** list all the construction sites that were active during the respective reporting years of 2009-10 and 2010-11, which either disturbed 1 acre or more of land or were identified as High Priority Sites per Provision C.6.e.ii(2)(b).
- **Attachment 4** provides copies of all inspection notes/records/forms for all construction site stormwater runoff quality inspections conducted from December 1, 2009, through March 31, 2011. Because building and construction site inspectors are trained to look for stormwater issues every time they visit a site, we are providing records of the all inspection activity at these sites, in order to demonstrate the diligence of Redwood City's construction site inspectors in our efforts to prevent, document and enforce stormwater violations at construction sites.

Since construction site stormwater control requirements were first included in the Countywide Program's StormWater Management Plans that predated the MRP, Redwood City has routinely conducted stormwater construction site inspections to prevent and enforce timely correction of stormwater violations, and we have trained our inspectors to identify stormwater concerns during other routine inspections. In 2005 the City added a "STOPPP inspection" feature to its Trakit database of projects subject to development permits, in order to better track the results of our stormwater compliance inspections of construction projects. (Note: STOPPP is the acronym for the former name of countywide program, Stormwater Pollution Prevention Program) This tracking system has been a valuable tool to help us monitor the effectiveness of our construction site stormwater control program. Our inspections are thorough and we are confident that our program covers the significant issues. Trakit is currently being upgraded to formally record additional data which to date could only be recorded as "notes." This includes the weather during inspection, if there was rainfall with runoff since the previous inspection, if the project disturbs one acre or more of land, enforcement response level, problems observed (using illicit discharge and six BMP categories), resolution of problems, and if violations are corrected within 10 business days. We look forward to continuing to effectively track the results of our construction site inspections with the upgraded Trakit system. We plan to complete these upgrades to Trakit by September 1, 2011.

If you have any questions or would like to discuss this submittal, please contact the City's San Mateo Countywide Water Pollution Prevention Program Technical Advisory Committee representative, Marilyn Harang, who can be reached at mharang@redwoodcity.org or (650) 780-7477.

Sincerely,

Robert B. Bell
City Manager

Enclosure

E-copy: Matt Fabry, Program Coordinator, San Mateo Countywide Water Pollution Prevention Program

Chu Chang, Manager, Engineering and Transportation
Elaine Costello, Manager, Building & Inspection Division
Evan Boyd, Public Works Services Director
Paul Willis, Senior Civil Engineer, Engineering & Transportation
Jerome Schnell, Senior Building Inspector, Building & Inspection
Marilyn Harang, Public Works Superintendent

Attachment 1

Construction Site Inspection Data for Reporting Year

2010-2011

Tracked in Excel Spreadsheet Format

Submittal to Regional Water Quality Control Board
From Redwood City
May 13, 2011

Construction Site Inspections Tracking Spreadsheet: 2010 - 2011 Inspections

INSTRUCTIONS: *Obtain data from the Inspection Checklist for Construction Stormwater Controls completed during inspection. Enter data from one inspection per row. Column 7 (Project disturbs one acre or more?) should be answered yes or no for* ***only the first inspection at any site.*** *For sites disturbing 1 acre or more, there should be at least 1 inspection per month from October 15 to April 15. Enforcement Response Level (Columns 20-24) should correspond with the Enforcement Response Plan. Enter "1" for yes. Leave blank for no or no problem.*

PURPOSE: *Municipal Regional Permit Provision C.6.e.ii(4) requires agencies to track and report on the information identified in this spreadsheet. The data recorded in this spreadsheet will be needed to summarize inspection results as required for annual reporting. The spreadsheet must be provided to Water Board staff if specifically requested.*

1	2	3	4	5	6	7		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
								Problems Observed (Ref 9-15)								Resolution (Ref 17)				Enforcement Response (Ref 16)					Violation Corrected? (Ref 17)	
Enter 1 per inspection	Enter 1 for each site	Site Name (Ref 2)[1]	Inspectn Date (Ref 1)	Weather During Inspectn (Ref 1a)	Rain with Runoff Since Prev. Inspectn? Y/N (Ref 1b)	ANSWER ONCE PER SITE: Project Disturbs 1 acre or more? (Y/N/See Previous Entry)[2]	Ref 6	Erosion Control	Sediment Control	Run-on & Runoff	Active Treatmt	Site Management	Non Stormwtr Mgt	Illicit Discharge	Specific Problem(s) (Ref 9-15)	Problem Fixed	Needs more time	Escalate enforcement	Comments (including rationales for longer compliance times) (Ref 16)	Verbal warning	Written warning/ Notice of violation	Stop Work Order	Notice to comply	Legal action	Corrected within 10 business days	NOT corrected within 30 Days
1	1	**Preserve**	9/29/2010	Clear		1	Y								None				Mulch and/or jute netting to be placed on levee							
1		**Preserve**	10/19/2010	Clear					1						Fiber rolls missing around catch basins. Informed Super	1				1					1	
1		**Preserve**	10/21/2010	Clear											None				Jute netting and mulch placed on levee							
1		**Preserve**	10/28/2010	Clear											None				Fiber rolls corrected from inspection 10/19							
1		**Preserve**	11/8/2010	Clear											None				NPDES work satisfactory							
1		**Preserve**	11/10/2010	Clear											None				NPDES work satisfactory							
1		**Preserve**	12/20/2010	Clear											None				Job site slow, no NPDES issues							
1		**Preserve**	1/21/2011	Clear						1					Swale non-compliant. Contractor notified	1					1				1	
1		**Preserve**	1/21/2011	Clear											None				Swales corrected							
1		**Preserve**	2/16/2011	Clear											None				NPDES work satisfactory							
1		**Preserve**	2/25/2011	Rain											None				NPDES work satisfactory							
1		**Preserve**	3/17/2011	Clear											None				Job site entrance was cleaned							
1		**Preserve**	3/22/2011	Rain											None				NPDES work satisfactory							

[1] The references (for example "Ref 12") refer to the applicable item number on the Construction Site Stormwater Inspection Checklist.
[2] Answer Yes or No only once for each site. 1=Yes, 0=No.

Construction Site Inspections Tracking Spreadsheet: 2010 - 2011 Inspections

1	2	3	4	5	6	7		8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
								Problems Observed (Ref 9-15)								Resolution (Ref 17)				Enforcement Response (Ref 16)					Violation Corrected? (Ref 17)	
Enter 1 per inspection	Enter 1 for each site	Site Name (Ref 2)[1]	Inspectn Date (Ref 1)	Weather During Inspectn (Ref 1a)	Rain with Runoff Since Prev. Inspectn? Y/N (Ref 1b)	ANSWER ONCE PER SITE: Project Disturbs 1 acre or more? (Y/N/See Previous Entry)[2]	Ref 6	Erosion Control	Sediment Control	Run-on & Runoff	Active Treatmt	Site Management	Non Stormwtr Mgt	Illicit Discharge	Specific Problem(s) (Ref 9-15)	Problem Fixed	Needs more time	Escalate enforcement	Comments (including rationales for longer compliance times) (Ref 16)	Verbal warning	Written warning/ Notice of violation	Stop Work Order	Notice to comply	Legal action	Corrected within 10 business days	NOT corrected within 30 Days
1		**Preserve**	3/24/2011	Rain											None				NPDES work satisfactory (Salt Ct area)							
1		**Preserve**	3/25/2011	Rain											None				NPDES work satisfactory							
1		**Preserve**	4/5/2011	Clear											None				NPDES work satisfactory							
1		**Preserve**	5/9/2011	Clear											None				NPDES work satisfactory							
1	1	**In-N-Out**	7/2/2010	Clear		1	Y								None				No NPDES violations noted. Site secured for holiday weekend.							
1	1	**1 Canada Vista Dr**	7/13/2010	Clear		1	Y								None				No NPDES violations noted. Project was on hiatus but now resumed							
1		**1 Canada Vista Dr**	8/11/2010	Clear											None				No NPDES violations noted							
1		**1 Canada Vista Dr**	9/13/2010	Clear											None				No NPDES violations noted							

Total # Inspections	Total # Sites
21	3

No. of sites disturbing ≥ 1 acre: 3

No. of sites disturbing < 1 acre: 0

Summary of violations by BMP category

	Erosn Control	Sed Control	Runoff/Runon	ActiveTreatmt	Site Mgt	NonStormwtr	Illicit Dischg
	0	1	1	0	0	0	0
Total problems:	2						
Percentage by BMP category	0%	50%	50%	0%	0%	0%	0%

Total sites with Problems Fixed: 2

Summary of enforcement actions

	Verbal warn.	Written warn.	Stop work	Notice comply	Legal action
	1	1	0	0	0
Total enforcemt actions	2				
Percentage within enforcement category:	50%	50%	0%	0%	0%

Timeframe of corrections

Total corrected within 10 business days	Total NOT corrected within 30 days
2	0
% of sites corrected w/in 10 bus. Days	Percentage NOT corrected in 30 days
100%	0%

[1] The references (for example "Ref 12") refer to the applicable item number on the Construction Site Stormwater Inspection Checklist.
[2] Answer Yes or No only once for each site. 1=Yes, 0=No.

Attachment 2

List of All Construction Sites Requiring

Stormwater Runoff Quality Inspections

during the

2009/10 Reporting Year

Submittal to Regional Water Quality Control Board
From Redwood City
May 13, 2011

Table 2-1: All Construction Sites Requiring Stormwater Runoff Quality Inspections during the 2009/10 Reporting Year

Project Name	Site Address	Acreage disturbed
Preserve Townhomes	Shearwater Parkway	12.3 acres
In and Out Burger[1]	949 Veterans Blvd.	1 acre
885 Woodside Road[2]	885 Woodside Road	0.7 acre
Canada Vista Dr. Faculty Housing[3]	1 Canada Vista Drive	3.4 acres
579 California Way	579 California Way	< 1 acre

[1] The work on the In and Out Burger project occurred during the dry season.

[2] The work on the Woodside Road project was substantially complete on the grading and hardscape and installation by December 2009.

[3] The Canada Vista project was substantially complete on the grading and hardscape and installation by October 2009. The remaining work after that point was completing the building's interior spaces.

Attachment 3

List of All Construction Sites Requiring

Stormwater Runoff Quality Inspections

during the

2010/11 Reporting Year

Submittal to Regional Water Quality Control Board
From Redwood City
May 13, 2011

Construction Sites Requiring Stormwater Runoff Quality Inspections during the 2010/11 Reporting Year

During the wet season of October 2010 through April 2011, there was only one construction site that disturbed one acre of land, which is listed in Table 3-1, and there were no High Priority Sites. Inspections of the Canada Vista Drive and In-and-Out Burger projects, shown in the Attachment 1 Excel spreadsheet, occurred during the Reporting Year, but were not required by Provision C.6.e.ii(2), since they occurred during the dry season. Construction work on those projects, other than interior finishing, was concluded before the beginning of the wet season in October 2010.

Table 3-1: All Construction Sites Requiring Stormwater Runoff Quality Inspections during the 2010/11 Reporting Year

Project Name	Site Address	Acreage disturbed
Preserve Townhomes	Shearwater Parkway	12.3 acres

Attachment 4

Copies of Inspection Notes/Records/Forms

for

Construction Site Stormwater Runoff Quality Inspections

Conducted from 12/1/2009 through 3/1/2011

Submittal to Regional Water Quality Control Board
From Redwood City
May 13, 2011

Redwood City's Inspection Notes/Records/Forms for Construction Site Stormwater Runoff Quality Inspections

Redwood City's Approach to Construction Site Stormwater Inspections

Every time our inspectors visit a construction site, they are responsible for identifying and documenting any signs that there may be stormwater control issues. We are providing this full record of our inspection activity at the sites that disturb one acre or more of land and High Priority Sites for the purpose of demonstrating the diligence of Redwood City's construction site inspectors in our efforts to keep a close watch on potential stormwater concerns at construction sites.

Organization of this Attachment

As indicated in Table 4-1, this attachment is organized to provide a separate section for each construction site for which data is presented. Much of the data is presented as print-outs from our Trakit database, but we have also included photocopies of any hand-written construction site stormwater inspection checklists that were completed for these sites. The difference in how the data are collected reflects the fact that the building inspectors routinely enter inspection data into the Trakit database using hand-held devices; whereas, the engineering inspectors enter data by hand on a hard-copy form. The engineering inspectors do not have the handheld Trakit functionality on their phones. The staffs have different budgets and Engineering did not pay for this feature. Therefore, engineering inspectors prepare hand-written inspection forms in the field, and then enter inspection data in Trakit after returning to the office.

Navigating the Trakit Database Print-outs

The Trakit database print-outs list two dates under the heading, "Scheduled-Completed." For each entry in the list, the first date is the date that an inspection was scheduled to occur; the second date is the date that the inspection actually occurred.

Table 4-1: Organization of Data Presented in Attachment 4

Section	Project Name	Type of Documentation
4.1	Preserve Townhomes	Checklists Trakit database printout
4.2	In and Out Burger	Checklists Trakit database printout
4.3	885 Woodside Road	Checklists Trakit database printout
4.4	Canada Vista Dr. Faculty Housing	Checklists Trakit database printout
4.5	579 California Way	Checklists Trakit database printout

Section 4.1

Copies of Inspection Notes/Records/Forms

for

Construction Site Stormwater Runoff Quality Inspections

Conducted from 12/1/2009 through 3/1/2011

PRESERVE TOWNHOMES

Submittal to Regional Water Quality Control Board
From Redwood City
May 13, 2011

CITY OF REDWOOD CITY
S.W.P.P.P

Construction Inspector's Report

Inspection Date: 10/15/09 Inspection No.: _____

Name of Project: Preserve Townhomes Project No./Permit No. CP09-0066

Project Location: Shearwater Parkway

Contractor: KB HOME

Type of Work: ☒ Building Permit ☐ Repair/Replacement of Existing Improvements ☒ Public Improvements
☐ Grading ☐ Private Improvements ☐ Erosion Control Plan

Project more than 5 acres: _____ (yes/no) NOI Required: _____ (yes/no)
NOI Application Date: ____/____/____ SWPPP Filed: ____/____/____ SWPPP Acceptable: _____ (yes/no)

Land Use:

. ☐ Business/Commercial ☐ Parks/Open Space ☐ Streets ☒ Residential
2. ☐ Industrial ☐ Others ☐ Materials/Storage ☐ Equipment Servicing

Storm Water Pollution Prevention Measures:

	Adequate	Requires Maintenance	Non-Compliant	Non-Applicable
3. ☐ Grass Swale	☐	☐	☐	☒
4. ☐ Oil water Separators	☐	☐	☐	☒
5. ☐ Sediment Traps	☐	☐	☐	☒
6. ☐ Sand bags protecting inlets	☐	☐	☐	☒
7. ☐ Fossil Filters	☐	☐	☐	☒
8. ☐ Street Sweeping	☐	☐	☐	☒
9. ☐ Improve Roof Downspout System	☐	☐	☐	☒
10. ☐ Vegetated Filter Strip for Catch Basin	☐	☐	☐	☒
11. ☐ Others	☐	☐	☐	☒

Erosion & Sediment Control Measures:

	Adequate	Requires Maintenance	Non-Compliant	Non-Applicable
2. ☐ Wattles / Fiber Rolls	☒	☐	☐	☐
3. ☐ Silt Fences	☒	☐	☐	☐
4. ☐ Sedimentation Basin	☐	☐	☐	☒
5. ☐ Jute Netting	☐	☐	☐	☒
6. ☐ Silt Fencing w/Wire Fence Backing	☐	☐	☐	☒
7. ☐ Hay Bales w/Wire Fence Backing	☐	☐	☐	☒
8. ☐ Slopes covered w/Plastic	☐	☐	☐	☒
9. ☐ Stabilized construction entrance	☐	☐	☐	☒
10. ☐ Seeding of slopes (Temp. and/or Perm.)	☐	☐	☐	☒
11. ☐ Mulching (Temp. and/or Perm.)	☐	☐	☐	☒
12. ☐ Detention Ponds	☐	☐	☐	☒
13. ☐ Rock Rip/Rap	☐	☐	☐	☒
14. ☐ Others	☐	☐	☐	☒

Follow-Up-Inspection Date: _____
(Please have measures in place)

Comments: (I) NPDES work was satisfactory
(II) I will keep watching NPDES work until the project is complete

Inspector's Signature: [signature] Date: 10/15/09

Signature of On Site Representative/Foreman: _____ Date: _____

CITY OF REDWOOD CITY
S.W.P.P.P

Construction Inspector's Report

Inspection Date: 10/15/09 Inspection No.: _____

Name of Project: The Preserve Sub Project No./Permit No. CP08-0025

Project Location: ~~St~~ 555 Shearwater Parkway

Contractor: TOP GRADE CO

Type of Work: ☐ Building Permit ☐ Repair/Replacement of Existing Improvements ☒ Public Improvements
☐ Grading ☐ Private Improvements ☐ Erosion Control Plan

Project more than 5 acres: _____ (yes/no) NOI Required: _____ (yes/no)
NOI Application Date: ___/___/___ SWPPP Filed: ___/___/___ SWPPP Acceptable: _____ (yes/no)

Land Use:

. ☐ Business/Commercial ☐ Parks/Open Space ☐ Streets ☐ Residential
2. ☐ Industrial ☐ Others ☐ Materials/Storage ☐ Equipment Servicing

Storm Water Pollution Prevention Measures:

3. ☐ Grass Swale	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
4. ☐ Oil water Separators	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
5. ☐ Sediment Traps	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
6. ☐ Sand bags protecting inlets	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
7. ☐ Fossil Filters	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
8. ☐ Street Sweeping	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
9. ☐ Improve Roof Downspout System	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
10. ☐ Vegetated Filter Strip for Catch Basin	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
11. ☐ Others	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable

Erosion & Sediment Control Measures:

2. ☐ Wattles / Fiber Rolls	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
3. ☐ Silt Fences	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
4. ☐ Sedimentation Basin	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
5. ☐ Jute Netting	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
6. ☐ Silt Fencing w/Wire Fence Backing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
7. ☐ Hay Bales w/Wire Fence Backing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
8. ☐ Slopes covered w/Plastic	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
9. ☐ Stabilized construction entrance	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
10. ☐ Seeding of slopes (Temp. and/or Perm.)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
11 ☐ Mulching (Temp. and/or Perm.)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
12. ☐ Detention Ponds	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
13. ☐ Rock Rip/Rap	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
14. ☐ Others	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable

Follow-Up-Inspection Date: _____
(Please have measures in place)

Comments: ① the work is satisfactory.
② I will keep watching the work.

Inspector's Signature: [signature] Date: 10/15/09

Signature of On Site Representative/Foreman: _____ Date: _____

SAN MATEO COUNTYWIDE Water Pollution Prevention Program

CONSTRUCTION SITE INSPECTION REPORT

1. Inspection Date: 10/15/10 1a. Current weather conditions: CLEAR 1b. Rainfall with runoff since last inspection? ☐ Yes ☒ No
2. Name of Project: PRESERVE SUB — 2a. Project No./Permit No. _____
3. Project Location: Shearwater PKWY
4. Inspection Type: ☒ Routine ☐ Pre-Rain ☐ During Rain ☐ After Rain ☐ Follow-up ☐ Other
5. Permit Type: ☐ Building Permit ☐ Grading Permit ☒ Site Development ☐ CIP Project
6. Project disturb 1 acre or more?: (yes/no) NOI Required: _____(yes/no) SWPPP dated ___/___/___
   Project covered under Statewide General Construction Activity Permit? _____(yes/no) SWPPP on site? _____(yes/no)
7. High Priority Site (significant threat to water quality)? _____(yes/no)
   NOTE: Sites disturbing 1 acre or more AND High Priority Sites require monthly inspections during the wet season.
8. Project Type: ☐ Commercial/Industrial ☐ Residential ☒ Street Improvement ☒ Landscaping ☒ Utility (water,sewer, PG&E) ☐ Grading ☐ Demolition ☐ Other

9. Erosion Control Measures:

☐ Jute Netting / Fiber Blankets	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Mulch	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Hydroseed/Soil Binder/Compost Blanket	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Mark Areas to be Preserved	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Tree Protection Fencing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Riparian Area Barrier	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable

10. Sediment Control Measures

☐ Wattles / Fiber Rolls /Compost Socks	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Silt Fences / Compost Berms	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Sedimentation Basin	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Inlet filters (Bags, sand, gravel)	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Dust Control	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Stabilized construction entrance	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Check Dams	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Street Sweeping	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Earth Dikes / Drainage Swales	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable

11. Run-on and Runoff Control

☐ Earth Dikes / Drainage Swales	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Sampling is conducted, if required	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable

12. ☐ Active Treatment System (if any) ☐ Adequate ☐ Requires Maintenance ☐ Non-Compliant ☒ Not Applicable
    ☐ Comments: _____

13. Good Site Management

☐ Construction Materials (wood,cement,etc)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Petroleum Products (oil, fuel)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Hazardous materials (paint,solvents)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Waste Systems Management	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Soil Stockpiles	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Vehicle Servicing	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable

14.

☐ Concrete washout area	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Other: _____	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable

15. Are the discharge points free of any evidence of illicit discharge? ☐ Yes ☐ No Comments: _____

16. **Enforcement/Follow-Up** Date problem first identified: _____ Next follow-up inspection date: _____
    Comments: _____
    Enforcement: ☐ None/In Compliance ☐ Verbal Notice ☐ Notice to Comply ☐ Notice of Violation ☐ Stop Work ☐ Administrative Fine

17. Resolution: ☐ Problem Fixed ☐ Need More Time ☐ Escalate Enforcement ☐ Date resolved: _____
    Was there rain with runoff after problem identified and before resolution? ☐ Yes ☐ No

18. Inspector's Signature: Phil CS Date: 10/15/10
19. Name of Project Manager (Print) _____ Phone Number _____
    Signature of Project Manager _____ Date: _____

Updated December 2009

SAN MATEO COUNTY RCD
Water Pollution Prevention Program

CONSTRUCTION SITE INSPECTION REPORT

1. Inspection Date: 10/15/10 1a. Current weather conditions: Clear 1b. Rainfall with runoff since last inspection? ☐ Yes ☒ No
2. Name of Project: Preserve Townhomes 2a. Project No./Permit No. _____
3. Project Location: Shearwater Parkway
4. Inspection Type: ☒ Routine ☐ Pre-Rain ☐ During Rain ☐ After Rain ☐ Follow-up ☐ Other
5. Permit Type: ☐ Building Permit ☐ Grading Permit ☒ Site Development ☐ CIP Project
6. Project disturb 1 acre or more?: ___ (yes/no) NOI Required: _____ (yes/no) SWPPP dated ___/___/___
   Project covered under Statewide General Construction Activity Permit? _____ (yes/no) SWPPP on site? _____ (yes/no)
7. High Priority Site (significant threat to water quality)? _____ (yes/no)
   NOTE: Sites disturbing 1 acre or more AND High Priority Sites require monthly inspections during the wet season.
8. Project Type: ☐ Commercial/Industrial ☐ Residential ☐ Street Improvement ☐ Landscaping ☐ Utility (water,sewer, PG&E) ☐ Grading ☐ Demolition ☐ Other

9. Erosion Control Measures:

☐ Jute Netting / Fiber Blankets	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Mulch	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Hydroseed/Soil Binder/Compost Blanket	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Mark Areas to be Preserved	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Tree Protection Fencing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Riparian Area Barrier	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable

10. Sediment Control Measures

☐ Wattles / Fiber Rolls /Compost Socks	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Silt Fences / Compost Berms	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Sedimentation Basin	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Inlet filters (Bags, sand, gravel)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Dust Control	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Stabilized construction entrance	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Check Dams	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Street Sweeping	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Earth Dikes / Drainage Swales	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable

11. Run-on and Runoff Control

☐ Earth Dikes / Drainage Swales	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Sampling is conducted, if required	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable

12. ☐ Active Treatment System (if any) ☐ Adequate ☐ Requires Maintenance ☐ Non-Compliant ☐ Not Applicable
    ☐ Comments: _____

13. Good Site Management

☐ Construction Materials (wood,cement,etc)	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Petroleum Products (oil, fuel)	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Hazardous materials (paint,solvents)	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Waste Systems Management	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Soil Stockpiles	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Vehicle Servicing	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable

14.

☐ Concrete washout area	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Other: _____	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable

15. Are the discharge points free of any evidence of illicit discharge? ☐ Yes ☐ No Comments: _____

16. Enforcement/Follow-Up Date problem first identified: _____ Next follow-up inspection date: _____
    Comments: _____
    Enforcement: ☐ None/In Compliance ☐ Verbal Notice ☐ Notice to Comply ☐ Notice of Violation ☐ Stop Work ☐ Administrative Fine

17. Resolution: ☐ Problem Fixed ☐ Need More Time ☐ Escalate Enforcement ☐ Date resolved: _____
    Was there rain with runoff after problem identified and before resolution? ☐ Yes ☐ No

18. Inspector's Signature: [signature] Date: 10/15/10
19. Name of Project Manager (Print) _____ Phone Number _____
    Signature of Project Manager _____ Date: _____

Updated December 2009

SAN MATEO COUNTYWIDE
Water Pollution
Prevention Program

CONSTRUCTION SITE INSPECTION REPORT

1. Inspection Date: 1/21/2011 1a. Current weather conditions: CLEAR 1b. Rainfall with runoff since last inspection? ☒ Yes ☐ No
2. Name of Project: ~~225 SHE~~ ~~REDW~~ REDWOOD SCHOOL SHORES 2a. Project No./Permit No. CP09-0010
3. Project Location: 225 SHEARWATER PKWY
4. Inspection Type: ☒ Routine ☐ Pre-Rain ☐ During Rain ☐ After Rain ☐ Follow-up ☐ Other
5. Permit Type: ☐ Building Permit ☐ Grading Permit ☒ Site Development ☐ CIP Project

6. Project disturb 1 acre or more?:____(yes/no) NOI Required:_____(yes/no) SWPPP dated ____/____/____
Project covered under Statewide General Construction Activity Permit?_____(yes/no) SWPPP on site?_____(yes/no)

7. High Priority Site (significant threat to water quality)? _____(yes/no)
NOTE: Sites disturbing 1 acre or more AND High Priority Sites require monthly inspections during the wet season (from Oct. 1 thru April 30).

8. Project Type: ☒ Commercial/Industrial ☐ Residential ☐ Street Improvement ☒ Landscaping ☐ Utility (water,sewer, PG&E) ☐ Grading ☐ Demolition ☐ Other

9. Erosion Control Measures:

☐ Jute Netting / Fiber Blankets	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Mulch	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☒ Hydroseed/Soil Binder/Compost Blanket (SWALE)	☐ Adequate	☐ Requires Maintenance	☒ Non-Compliant	☐ Not Applicable
☐ Mark Areas to be Preserved	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Tree Protection Fencing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Riparian Area Barrier	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable

10. Sediment Control Measures

☐ Wattles / Fiber Rolls /Compost Socks	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Silt Fences / Compost Berms	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Sedimentation Basin	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Inlet filters (Bags, sand, gravel)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Dust Control	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Stabilized construction entrance	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Check Dams	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Street Sweeping	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Earth Dikes / Drainage Swales	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable

11. Run-on and Runoff Control

☐ Earth Dikes / Drainage Swales	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Sampling is conducted, if required	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable

12. ☐ Active Treatment System (if any) ☐ Adequate ☐ Requires Maintenance ☐ Non-Compliant ☒ Not Applicable
☐ Comments:_____

13. Good Site Management

☐ Construction Materials (wood,cement,etc)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Petroleum Products (oil, fuel)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Hazardous materials (paint,solvents)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Waste Systems Management	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Soil Stockpiles	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Vehicle Servicing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable

14. Non-Stormwater Management

☐ Concrete washout area	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable
☐ Other: _____	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Not Applicable

15. Are the discharge points free of any evidence of illicit discharge? ☐ Yes ☒ No Comments: _____

16. **Enforcement/Follow-Up** Date problem first identified: _____ Next follow-up inspection date: _____
Comments:_____
Enforcement: ☐ None/In Compliance ☐ Verbal Notice ☐ Notice to Comply ☐ Notice of Violation ☐ Stop Work ☐ Administrative Fine

17. Resolution: ☐ Problem Fixed ☐ Need More Time (include rationale in comments) ☐ Escalate Enforcement ☐ Date resolved: ___/___/___
Was there rain with runoff after problem identified and before resolution? ☐ Yes ☐ No

18. Inspector's Signature: [signature] Date: 1/21/2010
19. Name of Project Manager (Print) _____ Phone Number _____
Signature of Project Manager_____ Date:_____

Updated March 2010

City of Redwood City

INSPECTION ACTIVITY REPORT

Permit No. CP09-0066 **Site Address** Bldg 27 Model A

Applied 9/8/2009 **Applicant** KB Home South Bay Inc **Lot**

Approved 9/11/2009 **Owner** KB Home South Bay Inc **Block**

Issued 9/11/2009 **Contractor** KB Home South Bay Inc **Tract**

Parent Permit No. B09-1058 **Description** The Preserve & Salt Court Construction Improvements

Notes At least 24 hours prior to inspection contact City Inspector Philip Kim at 650-780-7395 (work) or 650-740-7348 (cell)

Requested Time / By	Scheduled Completed	Inspection Type	Inspector	Result Remarks	Notes
9/22/2009 15:35 PK	9/21/2009 9/21/2009	Daily Inspection	PK	PERFORMED see notes	1 Per K&B co's request, all subcontractors attended job site meeting 2 I have not received any material submittals They will send them to me Without submittal approval, I will not inspect the work They were informed of this 2 J&M Co (sub for underground work) will start installing storm RCPs from lagoon levee (30' only, out of levee repair area)
9/28/2009 13:51 PK	9/22/2009 9/22/2009	Daily Inspection	PK	PERFORMED see notes	J & M Co started installing storm pipes from Lagoon to slope repair areas
9/28/2009 13:52 PK	9/23/2009 9/23/2009	Daily Inspection	PK	PERFORMED see notes	J & M Co continued yesterday's work
9/28/2009 13:53 PK	9/24/2009 9/24/2009	Daily Inspection	PK	PERFORMED see notes	J & M co continued yesterday's work
9/28/2009 13:53 PK	9/25/2009 9/25/2009	Daily Inspection	PK	PERFORMED see notes	1 Per request of Matt (super of K & H homes) and John Susa (super of J & M Co), I met with them on site 2 Contractor plans to remove existing temporary storm pipes on site on 9/28/09 2a I showed them storm system of this area They will bring two 8" pumps in order to lower water level of storm system
9/29/2009 07:47 PK	9/28/2009 9/28/2009	Daily Inspection	PK	PERFORMED see notes	1 Contractor started removing temporary storm ADS pipes 1a There are two locations 2 Contractor brought two 8" pumps to lower water line inside storm system 2a Super complained city sluice gates are leaking Previous contractors had same problems
9/30/2009 07:07 PK	9/29/2009 9/29/2009	Daily Inspection	PK	PERFORMED see notes	1 Contractor removed temporary ADS pipes and plugged existing RCP with concrete 2 Existing RCPs were not removed The RCPs will be full of water I told super the RCPs should be removed or filled with slurry 3 It was windy day
9/30/2009 15:03 PK	9/30/2009 9/30/2009	Daily Inspection	PK	PERFORMED see notes	1 Justin Ezell, Victor Palmberg and Courtney Rubin (city PWS supervisors) came to site 1a Justin explained to Matt (super of K&B Homes) how to get reclaimed construction meter Justin allowed contractor to use reclaimed water for construction purpose
10/1/2009 15:37 PK	10/1/2009 10/1/2009	Daily Inspection	PK	PERFORMED see notes	General cleaning only
10/2/2009 15:18 PK	10/2/2009 10/2/2009	Daily Inspection	PK	PERFORMED see notes	General Cleaning only
10/5/2009 15:46 PK	10/5/2009 10/5/2009	Daily Inspection	PK	PERFORMED see notes	General cleaning only

INSPECTION ACTIVITY REPORT

10/6/2009 11:48 PK	10/6/2009 10/6/2009	Daily Inspection	PK	PERFORMED see notes	General cleaning only No production work today
10/7/2009 17:15 PK	10/7/2009 10/7/2009	Daily Inspection	PK	PERFORMED see notes	Super checked the work and left No production work today
10/8/2009 16:00 PK	10/8/2009 10/8/2009	Daily Inspection	PK	PERFORMED see notes	1 General cleaning only 2 I told super (Matt) that I have not received sewer work submittal Contractor must submit it before starting the work
10/12/2009 07:57 PK	10/9/2009 10/9/2009	Daily Inspection	PK	PERFORMED see notes	1 General cleaning only
10/13/2009 07:32 PK	10/12/2009 10/12/2009	Daily Inspection	PK	PERFORMED see notes, STOPPP	1 Contractor compacted building area 2 Super told me underground contractor will start working on 10/119/09 3 STOPPP work was not completely done I informed super of this
10/13/2009 11:08 PK	10/13/2009 10/13/2009	Daily Inspection	PK	PERFORMED see notes, STOPPP	1 It rained 2 Contractor brought STOPPP materials 2a Today I did not see any erosion or dirty water into city storm system 2b I will check the work tomorrow again
10/15/2009 07:28 PK	10/14/2009 10/14/2009	Daily Inspection	PK	PERFORMED see notes	1 Yesterday it rained 2 Job site was full of water 2a Contractor pumped out water into storm system Filter bags were installed at end of hoses Water was very clean
10/16/2009 07:58 PK	10/15/2009 10/15/2009	Daily Inspection	PK	PERFORMED see notes	1 K&B Homes continued pumping out water from job site Working method was same as before
10/16/2009 13:54 PK	10/16/2009 10/16/2009	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued pumping water from job site to storm system Working method was same as before Job site was still muddy
10/20/2009 16:12 PK	10/19/2009 10/19/2009	Daily Inspection	PK	PERFORMED see notes	It sprinkled No work today One resident complained contractor pumped out water from job site to storm system on 10/17/09, Saturday
10/20/2009 16:26 PK	10/20/2009 10/20/2009	Daily Inspection	PK	PERFORMED see notes	No work today
10/21/2009 15:25 PK	10/21/2009 10/21/2009	Daily Inspection	PK	PERFORMED see notes	Contractor checked job site and left
10/23/2009 07:30 PK	10/22/2009 10/22/2009	Daily Inspection	PK	PERFORMED see notes	1 General cleaning only 2 No production work today
10/23/2009 13:20 PK	10/23/2009 10/23/2009	Daily Inspection	PK	PERFORMED see notes	1 No production work today
10/27/2009 07:41 PK	10/26/2009 10/26/2009	Daily Inspection	PK	PERFORMED see notes	1 No production work today 2 Super checked job site
10/28/2009 07:38 PK	10/27/2009 10/27/2009	Daily Inspection	PK	PERFORMED see notes	1 It was very windy and clear 2 Contractor spread water to control dusts 3 Contractor continued grading the area
10/28/2009 14:40 PK	10/28/2009 10/28/2009	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued grading work
10/30/2009 08:10 PK	10/29/2009 10/29/2009	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued grading working area
10/30/2009 15:10 PK	10/30/2009 10/30/2009	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued grading on building areas 2 Subcontractor, J and M Co, called and asked many questions regarding materials I gave him answers Underground work will be started on 11/2/09

INSPECTION ACTIVITY REPORT

11/3/2009 07:24 PK	11/2/2009 11/2/2009	Daily Inspection	PK	PERFORMED see notes	1 Subcontractor, J & M Co, started installing sewer line 1a Contractor dug hoe in install first SSMH and installed steel shoring 1b Foreman told me existing stub of sewer pipe is 4" lower than design 1c Contractor brought class 1 permeable, drain rocks, SDR 26 pipes, ramnek, pipe fittings and SSMH cones The materials are OK per specs 1d Contractor will pour concrete on base tomorrow I showed city manhole detail to foreman and super of KB Homes
11/4/2009 07:41 PK	11/3/2009 11/3/2009	Daily Inspection	PK	PERFORMED see notes	1 J & M co built base of first SSMH 1a Elevation difference between existing SSMH invert and first SSMH invert is 5" 1b Drain rocks and rebars were placed on bedding One coupling was installed outside the SSMH 1c Concrete was poured on the base 1d Steel shield shoring was used for safety
11/4/2009 15:07 PK	11/4/2009 11/4/2009	Daily Inspection	PK	PERFORMED see notes	1 J & M Co installed 4 SDR 26 pipes (4 x 14 = 56 feet) from first SSMH 1a Drain rocks were placed on bedding and class 1 permeable placed over the pipes 1b Selective materials were placed over the class 1 permeable City detail UT-2 specifies class 2 AB Geotechnical engineer recommended selective materials I asked him to send the sketch and reasons to Paul Willis (city engineering)
11/9/2009 07:26 PK	11/5/2009 11/5/2009	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued installing sewer pipes Construction method was same as before 1a Contractor poured concrete on base of second SSMH per city standard 2 KB Home continued grading the area
11/9/2009 07:32 PK	11/6/2009 11/6/2009	Daily Inspection	PK	PERFORMED see notes	1 I went to CRW workshop, which is mandatory
11/10/2009 07:32 PK	11/9/2009 11/9/2009	Daily Inspection	PK	PERFORMED see notes	1 J & M co continued installing sewer pipes (SDR 26 pipes, class 1 permeable, native soil backfilling, caution tape) Construction method was same as before
11/10/2009 15:42 PK	11/10/2009 11/10/2009	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued installing sewer pipes (SDR 26 pipe, class 1 permeable, caution tape) 2 As of today contractor finished installing sewer pipes from SSMH-1 #11 to SSMH-1 #32 and SSMH-1 #20 2a SSMHs were all installed 3 I received detail sheet of temporary FH at entrance
11/12/2009 13:40 PK	11/11/2009 11/11/2009	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued installing sewer pipes (SSMH no 12 to SSMH no 15) Construction method was same as before 2 KB Home Co continued grading work and building houses
11/12/2009 13:43 PK	11/12/2009 11/12/2009	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued installing sewer pipes (SSMH no 14 to SSMH 61, SSMH no 15 to SSMH 70) Construction method was same as before 2 Per requirement of fire dept, contractor will install temporary FH at entrance of project 2a I have received plan (8 1/2" x 11') Super of KB Home told me he will start installing it tomorrow

INSPECTION ACTIVITY REPORT

11/16/2009 07:41 PK	11/13/2009 11/13/2009	Daily Inspection	PK	PERFORMED see notes	1 J & M co continued installing sewer pipes (SDR 26 pipes, class 1 permeable, native soil, caution tapes, compaction) 1a Construction method was same as before 1b Geotechnical engineer gave compaction tests
11/17/2009 07:16 PK	11/16/2009 11/16/2009	Daily Inspection	PK	PERFORMED see notes	1 Contractor compacted all sewer line trenches 1a Geotechnical engineer gave compaction tests 2 Contractor started installing temporary fire hydrant 2a Materials are OK 2b Contractor installed pipes, fittings, and gate valves Cathodic protection wrapping work was not done I told foreman I have to see the work before backfilling the trench Contractor will finish the work tomorrow 3 I saw PG&E workers working on Shearwater Parkway and School 3a Residents of Harbor Colony were out of power The work is not part of this project 3b Generator of SSPS no 21 was running all day Per my request, Paul Heavenston (PWS pump specialty) came to site at 3:15 PM and checked SSPS no 21
11/18/2009 07:36 PK	11/17/2009 11/17/2009	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued compacting sewer trenches 2 J & M Co installed pipes for temporary fire hydrant at entrance 2a Pipes were chlorine-swabbed 2b Cathodic protection was done per city standard 2c Temporary gave valve was not cathodic-protected
11/19/2009 07:21 PK	11/18/2009 11/18/2009	Daily Inspection	PK	PERFORMED see notes	1 City worker (Xavier Mercado) turned on valve on Shearwater Parkway for flushing of temporary fire hydrant and shut off again at 10:30 AM 2 Contractor started installing storm pipes (RCP, class 1 permeable, backfilling, compacting from SDMH -1 No 11 Construction method was same as before
11/20/2009 07:22 PK	11/19/2009 11/19/2009	Daily Inspection	PK	PERFORMED see notes	1 City worker (Xavier Mercado) opened valve on Shearwater Parkway for temporary fire hydrant at entrance 1a The pipes were flushed for 15 minutes and water was dumped into sewer line (see yesterday's report) 1b Lab Co took water sample 2 J & M Co continued storm drain pipe installation (RCP, class 1 permeable, backfilling, SSMH installation) Geotechnical engineer checked compaction
11/23/2009 07:40 PK	11/20/2009 11/20/2009	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued installing storm pipes (RCP, SDMH, class 1 permeable) Construction method was same as before Geotechnical engineer gave compaction test of trenches
11/24/2009 08:13 PK	11/23/2009 11/23/2009	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued storm drain work 1a Construction method was same as before
11/25/2009 07:40 PK	11/24/2009 11/24/2009	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued installing storm drain pipes (RCP, SDMH, class 1 permeable, native soil backfilling)

INSPECTION ACTIVITY REPORT

11/25/2009 13:31 PK	11/25/2009 11/25/2009	Daily Inspection	PK	PERFORMED see notes	1 I received bacteriological test report for temporary hydrant (11/19/09) The test passed See main file and sent the report to PWS (Victor Palmberg and Justin Chapel) 2 J & M Co continued installing storm drain pipes (RCP, SDMH, class 1 permeable, backfilling) 3 Super of KB Home asked city to shut off sluice gates (#7, #8, and #9) and intake gate for storm tie in on Monday (11/30/09) 3a I e-mailed the request to city PWS (Rich Boyer, Rich DelBen and Eddie Lopez)
12/1/2009 07:41 PK	11/30/2009 11/30/2009	Daily Inspection	PK	PERFORMED see notes	Thanksgiving Holidays (11/26/09, 11/27/09) 1 J and M Co continued installing storm pipes (RCP, class 1 permeable, native soil backfilling, SDMH) Construction method was same as before 2 KB Home Co ordered J and M co to install water line at Whidbey Lane (in front of buildings 20 and 21) 2a Base rocks have not been placed at this area and existing grade of the area is too low 2b See attachment for field discussion on the issues 3 On 11/25/09 I e-mailed city PWS workers, requesting them to shut off sluice gates no 7, 8 and 9 on 11/30/09 3a They did not shut off the gates due to their schedule 3b I informed super of KB Home of this
12/2/2009 07:31 PK	12/1/2009 12/1/2009	Daily Inspection	PK	PERFORMED see notes, attachment	1 City workers (Eddie Lopez's crew) came to site and started shutting off sluice gates #7, #8 and #9 1a Per request of KB Home for storm tie in work, city workers started shutting off the gates 1b City workers will come back tomorrow to finish the work 1c I gave job number of this project to them 2 J & M co continued installing storm pipes (RCP, class 1 permeable, native soil backfilling, and SDMH) Construction method was same as before
12/2/2009 13:18 PK	12/2/2009 12/2/2009	Daily Inspection	PK	PERFORMED see notes	1 City workers (Eddie Lopez's crew) shut off sluice gates #7, #8, and #9 1a The gates leaked 1b Water level of storm system was lowered, using City's 6" pump and contractor's 6" pump 1c J & M Co plugged 21" RCP near SSMH #202 at 12:10 PM 1d City and contractor stopped pumping 1e Contractor started SDMH #202 work 2 J & M Co continued installing storm pipes (RCP, class 1 permeable, native soil backfilling, and SDMH) Construction method was same as before 3 Per request of J & M Co, i met with his foreman of water line work on site 1a I gave him construction method in front of building 20, which super and city agreed to

INSPECTION ACTIVITY REPORT

12/4/2009 08:13 PK	12/3/2009 12/3/2009	Daily Inspection	PK	PERFORMED see notes	1 I went to mandatory NPDES meeting 2 I came to job site at 3 00 PM 3 J & M Co poured concrete on base of SDMH #202 3a Super told me that they do not need low water level of city's storm system any more 4 J & M Co continued compacting trenches of storm 5 J & M Co started installing water main from city's BOV (side of building 20, drawing sheet 16) City's BOV was not removed Contractor dug pot hole to find elevation of existing pipes 5a Construction method was as usual (8" DR 14 PVC pipes, locating wires, warning tapes, class 1 permeable, petroleum wrapping, and backfilling)
12/7/2009 07:54 PK	12/4/2009 12/4/2009	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued installing water main in front of building 20 and 21 Construction mehtod was same as before 2 J & M Co continued compacting trenches of storm drain
12/8/2009 07:23 PK	12/7/2009 12/7/2009	Daily Inspection	PK	PERFORMED see notes	1 Last night it rained Job site was muddy Carpenters worked 2 J & M Co did not work today due to muddy job site
12/10/2009 07:33 PK	12/8/2009 12/8/2009	Daily Inspection	PK	PERFORMED see notes	1 Job site is still muddy Carpenters worked 2 J & M Co did not work today
12/10/2009 07:36 PK	12/9/2009 12/9/2009	Daily Inspection	PK	PERFORMED see notes	1 Job site is still muddy J & M Co did not work today Carpenters for house construction worked
12/11/2009 12:27 PK	12/10/2009 12/10/2009	Daily Inspection	PK	PERFORMED see notes	No work today Job site is muddy Carpenters worked for house construction
12/11/2009 12:29 PK	12/11/2009 12/11/2009	Daily Inspection	PK	PERFORMED see notes	No work today It rained
12/15/2009 07:50 PK	12/14/2009 12/14/2009	Daily Inspection	PK	PERFORMED see notes	1 J & M co did not work today 2 Building construction only
12/18/2009 07:42 PK	12/15/2009 12/15/2009	Daily Inspection	PK	PERFORMED see notes	Building construction only
12/18/2009 07:44 PK	12/16/2009 12/16/2009	Daily Inspection	PK	PERFORMED see notes	Building construction only Job site is still muddy
12/18/2009 07:46 PK	12/17/2009 12/17/2009	Daily Inspection	PK	PERFORMED see notes	Building construction only Jobsite is still muddy
12/18/2009 15:41 PK	12/18/2009 12/18/2009	Daily Inspection	PK	PERFORMED see notes	1 Per request of super, I went to site 2 He told me J & M Co will start working on 12/21/09 He explained to me working area of J & M Co
12/22/2009 13:22 PK	12/21/2009 12/21/2009	Daily Inspection	PK	PERFORMED see notes	1 J & M Co resumed installing water pipes 2 Contractor installed 2" PE pipes for building 20 3 contractor poured concrete on kickers (concrete, rebars, petroleum wrappings) Job site was muddy Contractor placed class 1 permeable and class 2 AB
12/22/2009 13:27 PK	12/22/2009 12/22/2009	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued installing water pipes from entrance of Keech Dr Construction method was same as before
12/30/2009 08:33 PK	12/23/2009 12/23/2009	Daily Inspection	PK	PERFORMED see notes	1 J & M Co installed water pipes at Keech Dr and performed cathodic protection work in front of buildings 20 and 21 1a Cathodic protection tests passed 1b Contractor told me he will perform petroleum wrapping work on fittings 12/28/09
12/30/2009 08:37 PK	12/24/2009 12/24/2009	Daily Inspection	PK	PERFORMED see notes	1 No work today 2 12/25/09 - holiday

INSPECTION ACTIVITY REPORT

12/30/2009 08:39 PK	12/28/2009 12/28/2009	Daily Inspection	PK	PERFORMED see notes	1 Per request of super, I went to the site 2 Job site was muddy Super told me J & M Co will not work today
12/30/2009 08:41 PK	12/29/2009 12/29/2009	Daily Inspection	PK	PERFORMED see notes	No work today Job site was muddy
12/31/2009 07:39 PK	12/30/2009 12/30/2009	Daily Inspection	PK	PERFORMED see notes	1 No work today Building construction only 2 12/31/09 -- No work
1/5/2010 08:01 PK	1/4/2010 1/4/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor started installing joint trench work City did not approve joint trench drawings I informed Paul Willis and Saber S of this last year They were informed of this again 2 J & M Co continued installing water pipes 2a At building 20 contractor installed backflow preventer Minimum clearance from bottom is 12" 2b I told new foreman (Jason) that I have to see petroleum wrapping before backfilling
1/7/2010 07:54 PK	1/5/2010 1/5/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued cathodic protection work (petroleum wrapping work) at buildings 20 and 21 I gave clear instruction to contractor All work was not done Contractor asked me to check the work tomorrow again
1/7/2010 07:58 PK	1/6/2010 1/6/2010	Daily Inspection	PK	PERFORMED see notes	1 Per request of super, I went to site 2 J & M Co continued cathodic protection work (petroleum wrapping and anode installation) All work was not done Tomorrow I will check the work again before backfilling
1/8/2010 07:20 PK	1/7/2010 1/7/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M co continued cathodic protection work (petroleum wrapping) for water line Contractor asked me to check the work tomorrow morning before pouring concrete on thrust blocks
1/8/2010 16:28 PK	1/8/2010 1/8/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co poured concrete on thrust blocks for water line 1a Before pouring concrete, I checked all petroleum wrapping work on fittings The work was satisfactory
1/11/2010 16:41 PK	1/11/2010 1/11/2010	Daily Inspection	PK	PERFORMED see notes	J & M Co continued installing water pipes construction method was same as before
1/13/2010 07:59 PK	1/12/2010 1/12/2010	Daily Inspection	PK	PERFORMED see notes	1 It rained last night 2 Jo site was muddy 3 Joint trench work only
1/14/2010 07:46 PK	1/13/2010 1/13/2010	Daily Inspection	PK	PERFORMED see notes	1 Joint trench work only 2 PG&E inspected electrical lines and gas lines
1/15/2010 08:03 PK	1/14/2010 1/14/2010	Daily Inspection	PK	PERFORMED see notes	Joint trench work only
1/16/2010 07:42 PK	1/15/2010 1/15/2010	Daily Inspection	PK	PERFORMED see notes	Job site was muddy Joint trench work only
1/18/2010 11:41 PK	1/18/2010 1/18/2010	Daily Inspection	PK	PERFORMED see notes	1 It rained 2 Contractor worked for building construction only
1/20/2010 07:41 PK	1/19/2010 1/19/2010	Daily Inspection	PK	PERFORMED see notes	1 It rained Building construction only 2 I received submittals for electrical work City has not issued any electrical drawings 2a I asked Paul Willis and Saber S how to review the submittals
1/21/2010 07:50 PK	1/20/2010 1/20/2010	Daily Inspection	PK	PERFORMED see notes	1 No work today (building construction only) 2 It rained 3 I received joint trench drawings (11"x17") and submittals After receiving full size drawings, I will review the submittals

INSPECTION ACTIVITY REPORT

1/22/2010 08:32 PK	1/21/2010 1/21/2010	Daily Inspection	PK	PERFORMED see notes	1 It rained No work today 2 I checked NPDES work Everything was OK
1/22/2010 16:02 PK	1/22/2010 1/22/2010	Daily Inspection	PK	PERFORMED see notes	1 It rained 2 No work today (building construction only) 3 Contractor brought construction trailer
1/26/2010 07:45 PK	1/25/2010 1/25/2010	Daily Inspection	PK	PERFORMED see notes	1 It rained 2 Building construction only
1/26/2010 15:10 PK	1/26/2010 1/26/2010	Daily Inspection	PK	PERFORMED see notes	1 It rained 2 Building construction only
1/29/2010 08:04 PK	1/27/2010 1/27/2010	Daily Inspection	PK	PERFORMED see notes	No work today (building construction only)
1/29/2010 08:05 PK	1/28/2010 1/28/2010	Daily Inspection	PK	PERFORMED see notes	Job site was still muddy No work today (building construction only)
1/30/2010 08:04 PK	1/29/2010 1/29/2010	Daily Inspection	PK	PERFORMED see notes	1 It was clear 2 Building construction only Job site was still muddy 3 I received joint trench drawings, which were not approved by city
2/25/2010 07:50 PK	2/24/2010 2/24/2010	Daily Inspection	PK	PERFORMED see notes	Contractor (DeSilva Gate Co) graded roadway, using cement treatment method The method was approved by city per recommendation of Geotechnical engineer Geotechnical engineer gave compaction test The test passed
2/26/2010 07:18 PK	2/25/2010 2/25/2010	Daily Inspection	PK	PERFORMED see notes	Contractor continued grading roadway
2/26/2010 15:35 PK	2/26/2010 2/26/2010	Daily Inspection	PK	PERFORMED see notes	1 It was clear in the morning, but it rained afternoon 2 In the morning contractor cleaned catch basins Joint trenching Co continued joint trench work PG & E will inspect the work
3/2/2010 07:41 PK	3/1/2010 3/1/2010	Daily Inspection	PK	PERFORMED see notes	1 Underground contractor (J & M Co) resumed water line work 1a Today two labors checked the site and connected by pass pipes between new water main and city main Pressure tests and bacteriological tests have not been given 2 Contractor continued cleaning inside catch basins
3/3/2010 15:31 PK	3/2/2010 3/2/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor cleaned catch basins 2 Contractor brought schedule 40 perforated subdrain pipes Contractor started installing the pipes
3/3/2010 15:48 PK	3/3/2010 3/3/2010	Daily Inspection	PK	PERFORMED see notes	1 It rained 2 Contractor continued cleaning catch basins and installing subdrain pipes
3/5/2010 13:39 PK	3/4/2010 3/4/2010	Daily Inspection	PK	PERFORMED see notes	Contractor continued joint trench work PG&E workers inspected gas and electrical lines
3/5/2010 13:42 PK	3/5/2010 3/5/2010	Daily Inspection	PK	PERFORMED see notes	Contractor continued joint trench work
3/9/2010 07:39 PK	3/8/2010 3/8/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co (subcontractor for underground work) brought manholes for sewer and storm work 2 Contractor continued cleaning catch basins

INSPECTION ACTIVITY REPORT

3/10/2010 07:29 PK	3/9/2010 3/9/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued installing fire lines and domestic lines from main line to buildings 1, and 2 Construction method was same as before 2 J & M Co continued installing sewer lines (8" SDR 26 pipes, class 1 permeable, warning tapes, class 2 backfilling) 3 Super of KB Homes and super of J & M Co asked me to give water pressure test for buildings 20 and 21 area 3a Contractor will prepare the test tomorrow
3/11/2010 07:35 PK	3/10/2010 3/10/2010	Daily Inspection	PK	PERFORMED see notes	1 Water pressure test for buildings 20 and 21 passed (150 psi, 2 hours, no leak) 1a Chlorine was put into the pipes 2 J&M Co continued installed fire lines from main line 3 Desilver Gate Co continued installing subdrain pipes (SDR 26 perforated pipes)
3/11/2010 13:46 PK	3/11/2010 3/11/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued fire line work 2 Matt (super of KB Homes), Jason (foreman of J & M Co) and I agreed to following method for water line flushing: a Chlorine will be put into new line on 3/12/10 at 7:00 AM b Water truck will be brought on 3/15/10 c Water from new lines will be dumped into water truck d Neutralizer will be dumped into water truck in order to make water chlorine zero e Water chlorine will be continuously checked f The water will be dumped into SSMH g Philip Kim will continuously check this process 3 Desilva Gate Co continued installed subdrain pipes
3/12/2010 13:30 PK	3/12/2010 3/12/2010	Daily Inspection	PK	PERFORMED see notes	1 It rained 2 Water quotations for buildings no 1, 2, 3, 4, 5 and 21 were emailed to KB Home Co 3 J & M co put chlorine into water line for building no 21 Due to rain, contractor left early 4 Desilva Gate co continued installing subdrain pipes (schedule 40 perforated pipes, class 1 permeable, textile wrapping)
3/16/2010 07:13 PK	3/15/2010 3/15/2010	Daily Inspection	PK	PERFORMED see notes	1 Water line flushing work for water sample test around building no 21 1a Contractor dumped water into water truck from fire hydrant and blow off valve 1b Neutralizer was dumped into water truck 1c Chlorine zero was verified at valve of water truck 1d The water dumped into sewer manhole 2 Contractor continued fire line work for buildings no 2, 3, and 4 3 Contractor continued sub drain work The working method was same as before 4 Contractor continued placing class 2 AB on roadway and compacted Soils engineer checked compaction

INSPECTION ACTIVITY REPORT

3/17/2010 07:43 PK	3/16/2010 3/16/2010	Daily Inspection	PK	PERFORMED see notes	1 Water meter quotations for buildings 1, 2, 3, 4, 5 and 22 are finalized 2 J & M Co hired Cerco Lab for water sample tests Three samples were taken for building no 21 3 J & M Co continued installing fire lines from main to buildings 4 and 5 Construction method was same as before 4 J & M Co continued installing water main along building no 18 (8" DR 14 PVC pipes, class 1 permeable, locating wires, caution tapes, class 2 AB) 4a Petroleum work will be done tomorrow I will check it tomorrow 5 Contractor continued curb and gutter work 6 Contractor continued placing class 2 AB on roadway and compacted Soils engineer checked compaction
3/17/2010 15:17 PK	3/17/2010 3/17/2010	Daily Inspection	PK	PERFORMED see notes	1 I asked Paul Willis to issue quotation for 3" irrigation meter 2 J & M Co continued installing water main at yesterday's working area 2a Contractor started petroleum wrapping work per city's detail Concrete was not poured on thrust blocks 3 Contractor poured concrete on curb and gutter and continued form work for curb and gutter 3a 6 sacks concrete was poured Expansion joints with dowels were installed 4 J & M Co continued installing water service lines from water main at buildings 4 and 5 5 J & M Co prepared water pressure test around buildings 1 and 2 Pressure test will be given tomorrow 6 Blossom Co started installing irrigation pipes around building no 21 (model house) Purple pipes were installed (Recycled water will be used)
3/19/2010 07:43 PK	3/18/2010 3/18/2010	Daily Inspection	PK	PERFORMED see notes	1 Water pressure test around buildings 1, 2, 3, 4, and 5 failed 1a Contractor asked me to give the test tomorrow 2 J & M Co continued installing water main at Demi Lane Construction method was same as before 3 Contractor continued pouring concrete on curb and gutter (6 sacks concrete) 4 Contractor continued sub drain work Construction method was same as before 5 Contractor continued irrigation work around building no 21
3/19/2010 13:01 PK	3/19/2010 3/19/2010	Daily Inspection	PK	PERFORMED see notes	1 Pressure test around building 1 (Keech Dr) passed 1a Contractor put chlorine into this line On Monday pipes will be flushed out 2 Contractor continued installing water line at Satuma Dr 3 I was off afternoon

INSPECTION ACTIVITY REPORT

3/23/2010	3/22/2010	Daily Inspection	PK	PERFORMED	1 J & M Co prepared sewer air test 2 Blossom Co continued landscaping work around building no 21 3 J & M Co continued water line work 4 Water Tie In work near building no 21 Pressure test and bacteriological tests have been passed 4a City workers (Xavier Mercado and Rafael Munguia) shut off valve at Shearwater Parkway at 8:30 AM 4b Victor Palmberg and Justin Chapel (city PWS supervisors) came to job site and checked the work 4c J & M Co exposed temporary blow off valves 4d Connection pipe (12 feet) between the BOVs was chlorine swabbed 4e The pipe and two repair couplings were installed 4f For contractor's safety, contractor installed two pipe connectors at the couplings Petroleum wrapping work on the pipe connectors were done 4g Pump was continuously pumped out water in trench 4h The trench was backfilled per normal construction method (locating wire, class 1 permeable, caution tape, class 2 AB,etc) 4i City workers (Xavier and Rafael) came to site at 2:30 PM 4ia They turned on the valve at Shearwater Parkway 4ib The pipes from the valve to newly installed pipes were flushed and water was dumped into storm drain Neutralizer pills were used Chlorine was 1 7 PPM 4ic The valve at Shearwater Parkway was shut off The new line was pressured 5 Victor and Justin (city PWS supervisors) asked me to separate 2" by pass pipe at Keech Dr Contractor did it I e-mailed pictures to them
07:16 PK	3/22/2010			see notes	

INSPECTION ACTIVITY REPORT

3/24/2010 07:43 PK	3/23/2010 3/23/2010	Daily Inspection	PK	PERFORMED see notes	1 Sewer Air Tests were given Test locations were marked on the drawings Tomorrow I will continue giving the tests 2 Yesterday city staff took water sample for building no 21 Victor Palmberg (city PWS supervisor) told me the test passed 3 Courtney Rubin (city cross connection specialty), Xavier Mercado and Rafael Munguia gave backflow preventer tests for building no 21 (one domestic and one fire line) They passed 3a Xavier turned on valve on Shearwater Parkway The water system for building no 21 is activated 4 Per request of fire inspector (Uli and Jamie), I gave fire flow test for building no 21 The test failed Tomorrow I will give it again 5 Contractor continued installing water line The construction method was same as before 6 Contractor continued pouring concrete on curb and gutter 7 J & M Co flushed water system on Keech Dr, using water truck I marked the location this test on the drawings 7a Neutralizer was dumped into the water truck 7b Zero chlorine was found before dumping the water into sewer system
3/25/2010 07:20 PK	3/24/2010 3/24/2010	Daily Inspection	PK	PERFORMED see notes	1 Sewer Air Tests were given I marked the test locations 2 Fire flow flushing test passed for building no 21 2a Per request of fire inspector, Uli, I gave the test He was informed of the test result 3 City workers installed 4 - 3/4" water meters for building no 21 3a Justin Chapel and Courtney Rubin (city PWS supervisors) were on site 4 Cerco Co took three water samples at Keech Dr The sample locations were marked on the drawings 4a By pass pipe for this line was separated See main file for pictures 5 Finalized was Quotation for 3" recycled water meter for landscaping work 6 City PWS workers brought 3" meter for landscaping work Per request of contractor, they will install it tomorrow 7 Contractor continued concrete pouring on curb and gutter 8 Contractor continued installing fire lines at buildings 19, 17 and 16 9 Contractor continued landscaping work around building no 21

INSPECTION ACTIVITY REPORT

3/26/2010 07:13 PK	3/25/2010 3/25/2010	Daily Inspection	PK	PERFORMED see notes	1 City workers installed 3" recycled water meter for landscaping work 2 City worker (Courtney Rubin) tested cross connection for building no 21 2a The test passed 3 J & M Co ball-cleaned sewer pipes for TV test, which will be give tomorrow 4 J & M Co continued installing fire lines for buildings no 19 and 18 Construction method was same as before 5 Contractor continued landscaping work around building no 21 6 Contractor (Desilva Gate Co) brought equipments for subgrading work 7 Next week it will rain Therefore, contractor plans to pave street on Saturday John LaTorra (building chief) approved the work on Saturday
3/27/2010 07:40 PK	3/26/2010 3/26/2010	Daily Inspection	PK	PERFORMED see notes	1 Desilva Gate Co placed base rocks on street and compacted Compaction tests were given Tomorrow contractor will pave the street 2 Contractor hired " Presidio TV Inspection Co" for sewer TV inspection I received the test report and DVD I will review it 3 I received "water sample test report" The tests passed The report was e-mailed to Victor Palmberg and Justin Chapel (city PWS) 4 Contractor continued landscaping work around building no 21 5 J & M Co performed water tie-in work at entrance 5a The water sample tests passed 5a Jon Costella (PWS worker) shut off valve at Shearwater Parkway 5b Contractor removed temporary BOVs and "T" for temporary fire hydrant 5c Contractor chlorine-swabbed pipes 5d Contractor connected pipes with two repair couplings 5e The trench was backfilled 5f Jon Costella turned back on valve at Shearwater Parkway The line was flushed 5g Jon took water sample and shut off the valve again 5h When I left job site at 6:00 PM, Contractor continued backfilling and compacting trench Jon continued flushing the line
3/30/2010 07:41 PK	3/27/2010 3/27/2010	Daily Inspection	PK	PERFORMED see notes	1 Yesterday John LaTorra (building chief) approved Saturday's work 2 Contractor paved Keech Dr, Grassland Ln, and Bremerton circle (3/4" rock AC on first lift and 1/2" rock AC second lift) The first lift is 2" and the second lift is 2" 3 After the work was done, Shearwater Parkway was cleaned
3/31/2010 07:51 PK	3/30/2010 3/30/2010	Daily Inspection	PK	PERFORMED see notes	1 Justin Chapel (city PWS supervisor) received water sample report (see inspection report dated 3/26/10 for detail and reasons) 1a Jon Costella turned back on valve on Shearwater Parkway 1b Super of KB Home was informed of this 2 Blossom Co continued landscaping work around building no 21

INSPECTION ACTIVITY REPORT

4/1/2010 07:19 PK	3/31/2010 3/31/2010	Daily Inspection	PK	PERFORMED see notes	1 Blossom Co continued ;landscaping work Around buildings no 21 and 22 2 Fire hydrants need to be raised to grade for fire protection Super (Matt) was informed of this
3/30/2010 07:49 PK	4/1/2010 4/1/2010	Daily Inspection	PK	PERFORMED see notes	1 Courtney Rubin (city PWS cross connection specialty) checked recycled water main at building no 22 1a The test passed 2 Contractor raised fire hydrants to grade Concrete around valves will be poured tomorrow 3 Contractor raised sewer cleanouts for buildings no 22 and 1 to grade 3a Locating wires were exposed 3b I showed city detail to subcontractor and Super (Matt) 4 Building No 22 lot will be used for house buyers' parking lot 4a Contractor paved the lot Eventually the parking lot will be removed 5 Blossom Co continued landscaping work around building no 22
9/22/2009 07:33 PK	4/2/2010 4/2/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor dug foundations for electrical poles 1a The sizes were acceptable 1b City standard shows pull box at each pole, but the drawing does not show the pull box 1c Super will clarify the issue with electrical designer 2 J & M Co continued raising water valves and manholes to grade
4/6/2010 15:22 PK	4/5/2010 4/5/2010	Daily Inspection	PK	PERFORMED see notes	1 In the morning it rained It was clear afternoon 2 J & M Co continued raising manholes and valves Construction method was same as before 3 Blossom Co continued landscaping work around building no 21
4/6/2010 15:25 PK	4/6/2010 4/6/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued raising manholes and valves Construction method was same as before 2 Blossom Co continued landscaping work around building no 21
4/8/2010 07:44 PK	4/7/2010 4/7/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued raising manholes and exposing valves 2 Blossom Co continued landscaping work around buildings no 21 and 22 3 Contractor dug foundations for street lights 3a The size was satisfactory 3b City has not approved street light drawings Paul gave me unapproved drawings 3c The drawings do not show pull box at each pole 3d Paul Willis told me the pull box at each pole is not required
4/8/2010 15:56 PK	4/8/2010 4/8/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued raising manholes and exposing valves Construction method was same as before 2 Blossom Co continued landscaping work around building no 21 3 Javier Sierra (engineering) issued water meter quotation for buildings no 23 and 24
4/9/2010 15:50 PK	4/9/2010 4/9/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued raising manholes and exposing valves Construction method was same as before 2 Blossom Co continued landscaping work around buildings no 21 and 22

INSPECTION ACTIVITY REPORT

4/12/2010 15:40 PK	4/12/2010 4/12/2010	Daily Inspection	PK	PERFORMED see notes	1 It rained in the morning and it was clear afternoon 2 Contractor cleaned streets, using sweeper
4/14/2010 07:58 PK	4/13/2010 4/13/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued raising manholes and exposing valves 2 Blossom Co continued landscaping work around building no 22 3 Per conversation with Courtney (PWS backflow specialty), Philip Kim and Matt (super), Courtney will give backflow preventer tests on 4/15/10 and 4/16/10
4/15/2010 07:28 PK	4/14/2010 4/14/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued raising manholes to grade 2 J & M Co continued installing 4" force main along buildings 16 and 19 (c900 Dr 18 pipes) 3 Blossom Co continued landscaping work around building no 22
4/15/2010 15:57 PK	4/15/2010 4/15/2010	Daily Inspection	PK	PERFORMED see notes	1 City workers (Courtney Rubin, Phil Eliason) gave backflow preventer test for buildings 1, 2, and 3 1a I have not received the status of tests 2 J & M continued installing storm force main pipes Construction method was same as before 3 Blossom Co continued landscaping work around building no 1
4/16/2010 13:19 PK	4/16/2010 4/16/2010	Daily Inspection	PK	PERFORMED see notes	1 Fire line flushing tests for buildings no 1, 2, and 3 passed 1a Per request of Jaime Lee (fire inspector), I gave the tests 2 City workers (Phil Eliason) gave backflow tests for buildings no 4 and 5 2a I have not received the test results 3 J & M Co continued installing 6" storm force main lines Construction method was same as before 4 Blossom Co continued landscaping work around building no 1 5 Contractor dug holes for electrical foundations The work was acceptable
4/20/2010 07:11 PK	4/19/2010 4/19/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co installed storm pump at Bethel Lane Construction method was same as before 2 Blossom Co continued landscaping work around building no 1
4/20/2010 15:23 PK	4/20/2010 4/20/2010	Daily Inspection	PK	PERFORMED see notes	1 It rained early in the morning, but it was cleared from 10:00 AM 2 Contractor cleaned the site There was no production work today 3 Per e-mail of city PWS meter shop, meters will be installed tomorrow for building no 1
4/22/2010 07:15 PK	4/21/2010 4/21/2010	Daily Inspection	PK	PERFORMED see notes	1 It rained in the morning 2 Per request of contractor, city PWS workers postponed installing water meters to Friday (4/23/10) 3 Blossom Co continued landscaping work around building no 1
4/23/2010 07:36 PK	4/22/2010 4/22/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued adjusting water service pipes at buildings 1 and 2 City workers will install water meter tomorrow

INSPECTION ACTIVITY REPORT

4/23/2010 14:35 PK	4/23/2010 4/23/2010	Daily Inspection	PK	PERFORMED see notes	1 City workers (Bo Fochetti and Chris Nichols) installed water meters for building no 1 1a Contractor installed meter boxes per city standard 2 J & M Co checked storm manholes and grouted inside 3 J & M installed 4" SD force main Construction method was same as before
4/27/2010 07:29 PK	4/26/2010 4/26/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co started installing storm pumps inside vaults 2 It will rain tomorrow, therefore, contractor cleaned jobsite
4/27/2010 15:29 PK	4/27/2010 4/27/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor installed street light poles 2 Contractor found water meters for building no 1 were leaking 2a I informed city PWS (Justin Chapel) of this They will fix them tomorrow 3 Per request of contractor, I asked city PWS (Justin Chapel) to install water meters for buildings no 2 and no 3
4/28/2010 11:07 PK	4/28/2010 4/28/2010	Daily Inspection	PK	PERFORMED see notes	1 City PWS workers installed water meters for building no 2 2 City PWS workers fixed leaking water meters for building no 1 3 Per request of super, City PWS worker (Courtney Rubin) came to site for cross connection test for building no 1 3a Contractor was not ready for the test She left the site without inspection 4 Contractor continued installing electrical poles 5 I am on vacation from this afternoon to 5/8/10 Super will call Paul Willis for inspection or questions
5/12/2010 07:36 PK	5/6/2010 5/6/2010	Daily Inspection	PK	PERFORMED see attachments	
5/11/2010 07:20 PK	5/10/2010 5/10/2010	Daily Inspection	PK	PERFORMED see notes	1 I was on vacation from 4/29/10 through 5/7/10 2 Contractor passed water pressure test for phase 2 Location of phase 2 was marked on drawings 2a Per email from Javier Sierra (engineering), Justin Chapel (city PWS) gave backflow preventer test for pressure test gage 0n 5/7/10 The test passed 2b Chlorine was put into the system 3 Contractor performed storm pump work
5/11/2010 15:34 PK	5/11/2010 5/11/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor flushed water lines (phase 2, see yesterday's report) 1a Water was dumped into truck and spread on job site 1b Water samples will be taken tomorrow 2 Contractor continued storm pump work 3 Contractor poured concrete on curb and gutter Working method was satisfactory per plan

INSPECTION ACTIVITY REPORT

5/12/2010 14:30 PK	5/12/2010 5/12/2010	Daily Inspection	PK	PERFORMED see notes	1 Bennet Marine Co took four water samples (see yesterday's report, phase 2) 2 City PWS worker (Chris Nicols) installed water meters for building no 3 3 J & M Co adjusted water service lines for building no 3 4 J & M Co continued storm drain pump station work 5 Contractor poured concrete on curb and gutter 6 DeSilver Gate Co started installing GeoForm Blocks behind building 13 6a See drawings 10, 11 and 37 for details and locations 6b Size o the GeoForm is 2' high, 3' wide and 16' long 6c Drain rocks were placed (12"), GeoForm was placed (4' high, 16' long), fabric was placed over GeoForm and native soil was placed (about 2') over fabric 7 Soil engineer checked the work continuously
5/14/2010 07:34 PK	5/13/2010 5/13/2010	Daily Inspection	PK	PERFORMED see notes	1 Presidio Co gave sewer TV inspection I will review the DVD 2 Contractor placed meters box boxes for buildings no 4 and 5 I requested city PWS to install water meters 3 Contractor continued curb and gutter work 4 DeSiva Gate Co continued installing GeoForm behind building 12 4a Construction method was same as before 4b Soils engineer inspected the work
5/17/2010 07:10 PK	5/14/2010 5/14/2010	Daily Inspection	PK	PERFORMED see notes	1 Phase 2 water work (Water samples tests passed See main file) 1a See main file for location of Phase 2 and valve locations 1b City worker (Xavier Mercado) shut off valve at Shearwater Parkway 1c J & M Co performed tie-in work at two places 1d Tie-in pipes were chlorine cleaned Two couplings were used 1e At 4:30 contractor finished tie-in work 1f City workers (Xavier Mercado and Ruben Ricketts) opened valves and flushed the pipes 1g Ruben took one sample at end of blow off valve 1h Contractor did not backfilled tie-in area completely One bucket of backfill material was dumped at both tie-in areas 2 Contractor continued curb and gutter work 3 Contractor asked city PWS workers to install water meters for buildings no 4 and 5 4 DeSilva Gate Co continued installing GeoForm behind buildings 12 and 10 4a Construction method was same as before 4b Soils engineer inspected the work

INSPECTION ACTIVITY REPORT

5/18/2010 07:27 PK	5/17/2010 5/17/2010	Daily Inspection	PK	PERFORMED see notes	1 Desiva Gate Co continued installing GeoForm behind building 10 1a Construction method was same as before 1b Soils engineer was on site 1c Due to rain, contractor left job site before 1:00 PM 2 Super marked right addresses for buildings no 1 and 2 on meter lids 2a Doug Peterson of city PWS was informed of this
5/19/2010 07:10 PK	5/18/2010 5/18/2010	Daily Inspection	PK	PERFORMED see notes	1 Desilva Gate Co continued installing Geo-Form behind building 10 1a Construction method was same as before
5/19/2010 15:58 PK	5/19/2010 5/19/2010	Daily Inspection	PK	PERFORMED see notes	1 City PWS workers (Chris Nichols, Mike Miniz, Troy Thompson, and Elliott Diaz) installed water meters for buildings no 4 and 5 2 Desilva Gate Co continued installing Geo-Forms behind building 8 Construction method was same as before 2a Soils engineer check the work 3 J & M Co backfilled trenches of water tie-in areas (see report dated 5/14/10 for locations) 4 Desilva Gate Co placed base rocks on Demi Ln and Satuma Ln and compacted 4a Soils engineer checked compaction
5/21/2010 11:25 PK	5/20/2010 5/20/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued installing Geo-Form behind Building No 8 Construction method was same as before 2 Contractor prepared paving work at Satuma Dr Soils engineer gave compaction tests
5/21/2010 15:38 PK	5/21/2010 5/21/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued installing Geo-Form behind building 8 2 Contractor prepared paving work on Satuma Lane 3 Contractor started irrigation work on landscaping area at Shearwater parkway
5/25/2010 07:05 PK	5/24/2010 5/24/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor paved Satsuma Lane First lift was 2" and second lift was 2" 1a Last week compaction tests passed 2 Contractor continued landscaping work
5/26/2010 07:30 PK	5/25/2010 5/25/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co exposed valves and manholes at Satuma Lane 2 Contractor asked me to inspect fence work between the project and school 2a Building inspector will inspect the work
5/27/2010 07:21 PK	5/26/2010 5/26/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor cleaned jobsite Building construction only
5/27/2010 15:37 PK	5/27/2010 5/27/2010	Daily Inspection	PK	PERFORMED see notes	1 It rained on and off 2 Building construction only today
5/28/2010 15:06 PK	5/28/2010 5/28/2010	Daily Inspection	PK	PERFORMED see notes	Contractor exposed manholes and valves to grade I asked contractor to install "Anode Test Station" for cathodic protection tests
6/2/2010 07:54 PK	6/1/2010 6/1/2010	Daily Inspection	PK	PERFORMED see notes	5/31/10, Monday, is Holiday 1 J & M Co continued exposing manholes and valves Construction method was same as before

INSPECTION ACTIVITY REPORT

6/3/2010 07:13 PK	6/2/2010 6/2/2010	Daily Inspection	PK	PERFORMED see notes	1 This week J & M Co exposed manholes and valves to grade Today contractor poured concrete around them construction method was same as before 2 Backflow preventer for building no 20 needs to be raised 2a To perform this work, three valves need to be shut off Matt Salmon (super of KB Home), J & M Co's foreman, and city workers (Justin Chapel) agreed to this statement 2b City workers will operate valves and take sample 2c Contractor will let me know his schedule 3 J & M Co cleaned sewer line from SSMH #10 to existing SSMH #1, using ball, fan and tripod Rocks and papers were removed
6/3/2010 15:31 PK	6/3/2010 6/3/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co installed risers on backflow preventer for building no 20 to make minimum 12" clearance between the preventer and grade 1a City workers (Xavier Mercado and Don Burrington) operated valves and flushed the line 1b City worker (Joshua) took water sample 1c Justin Chapel and Xavier Mercado agreed to method of valve operation on 6/2/10 (Water supervisor Victor Palmberg was off on 6/2/10 and 6/3/10) 2 Contractor dug foundations of electrical poles per detail 3 I will be off tomorrow 3a Super told me J & M will perform patch paving around valves and manholes (see yesterday's report)
6/7/2010 15:51 PK	6/7/2010 6/7/2010	Daily Inspection	PK	PERFORMED see notes	1 I was off on 6/4/10, Friday I found that patch paving around manholes and valves had been done (see report dated 6/3/10) 2 J & M Co started installing pipes (water, sewer, and storm) for phase 3 today 2a Super of KB Home told me final phase 3 work will be performed 3 J & M Co started installing sewer pipes from SSMH #52 to SSMH #81, and from SSMH #52 to SSMH #53 Concrete was poured on foundations of SSMHs # 80 and #81 3a Construction method was same as before
6/9/2010 07:18 PK	6/8/2010 6/8/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co installed sections of SSMHs # 53, 80 and 81 2 J & M Co installed pipes from SSMH # 53 to SSMH # 91 and SSMH #53 to LH #153 2a Construction method was same as before (SDR 26 pipes, class 1 permeable, caution tapes, backfilling, and compaction) 2b Soils engineer checked compaction The tests passed

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6/9/2010 11:40 PK	6/9/2010 6/9/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co resumed installing storm pipes from SDMH #156 to SDMH #166 (drain rocks, class 1 permeable, 21" RCP, backfilling, and compaction) 1a Construction method was same as before
6/11/2010 07:18 PK	6/10/2010 6/10/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued installing storm drain pipes (RCP, drain rocks, class 1 permeable, backfilling and compaction) Working method was same as before
6/14/2010 07:11 PK	6/11/2010 6/11/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co resumed working for water lines in front of buildings no 10 and 12 1a Working method was same as before (DR 14 pipes, class 1 permeable, locating wires, backfilling and caution tapes)
6/14/2010 15:06 PK	6/14/2010 6/14/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued installing water line in front of buildings 10 and 12 1a Construction method was same as before (DR 14 pipe, class 1 permeable, locating wire, caution tape, backfilling and cathodic protection) 1b After I checked petroleum wrapping work on fittings, contractor backfilled trenches
6/16/2010 07:30 PK	6/15/2010 6/15/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued installing water pipes in front of buildings no 8 and 10 1a working method was same as before
6/17/2010 15:39 PK	6/16/2010 6/16/2010	Daily Inspection	PK	PERFORMED see notes	J & M Co continued installing water service lines (4") and fire lines (2") for buildings 12 and 13 Construction method was same as before
6/17/2010 15:43 PK	6/17/2010 6/17/2010	Daily Inspection	PK	PERFORMED see notes	J & M Co continued installing water service lines (4") and fire lines (2") for building 10 and 12 Construction method was same as before
6/18/2010 15:27 PK	6/18/2010 6/18/2010	Daily Inspection	PK	PERFORMED see notes	J & M Co continued installing water service lines (4") and fire lines (2") for buildings 9 and 11 Working method was same as before
6/21/2010 15:29 PK	6/21/2010 6/21/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued installing backflow preventers for buildings no 9, 10,11, and 12 1a Minimum clearance between ground and backflow preventer is 12" Contractor was informed of this again
6/23/2010 07:32 PK	6/22/2010 6/22/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued installing water service lines (1" PE pipes) and backflow preventers Construction method was same as before 2 Contractor continued joint-trenching for PG&E, phone, and communication lines 2a PG &E inspector gave inspection 3 City PWS worker (Phil Eliason) gave backflow preventer tests He will send me test reports for engineering file
6/24/2010 07:23 PK	6/23/2010 6/23/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued joint trench work Working method was same as before PG&E will give inspection
6/25/2010 07:31 PK	6/24/2010 6/24/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued installing storm force main pipes near school fence (DR 18 pipes, class 1 permeable and caution tapes) Construction method was same as before 2 Contractor continued joint trench work PG&E will inspect the work

INSPECTION ACTIVITY REPORT

6/25/2010 15:37 PK	6/25/2010 6/25/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued installing fire lines 1a Construction method was same as before (2" PE pipes, 4" DIP, backflow preventers, petroleum wrapping work, class 1 permeable, backfilling, locating wire, and stainless steel bolts & nuts) 2 Contractor continued joint trench work Working method was same as before
6/28/2010 15:47 PK	6/28/2010 6/28/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued installing water service pipes and fire line pipes for buildings 10, 12, and 13 Working method was same as before
6/29/2010 15:32 PK	6/29/2010 6/29/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued installing water service pipes and fire line pipes for buildings 20, 7, 9, and 11 Construction method was same as before 2 I told electrical contractor that ground wires should be connected to poles
7/1/2010 07:36 PK	6/30/2010 6/30/2010	Daily Inspection	PK	PERFORMED see notes	1 Desilva Gate Co started grading work at building 24 and Landscape Area (between building no 24 and building 9) 1a Compaction tests have not been given yet 2 J & M Co cleaned trenches of water service lines and fire lines for buildings 9, 11, 10, and 12 Working method was same as before
7/2/2010 07:33 PK	7/1/2010 7/1/2010	Daily Inspection	PK	PERFORMED see notes	1 DeSilva Co continued grading work at Park Area (in front of building no 24) Compaction tests have not given yet 2 J & M Co adjusted sewer cleanouts and water service lines to grade 3 Fire line flushing tests 3a Jamie Lee (fire inspector) asked me to give flushing tests tomorrow 3b Contractor prepared the tests
7/2/2010 15:39 PK	7/2/2010 7/2/2010	Daily Inspection	PK	PERFORMED see notes	1 Per request of Jamie Lee (fire inspector), I gave fire line flushing tests 1a The tests for buildings 17, 18, 19, 23, and 24 passed Jamie Lee was informed of this 2 Desilva Gate Co continued grading work at landscaping area (in front of building no 24) 3 J & M Co continued adjusting sewer cleanout and water service lines at landscaping area (in front of building no 24)
7/7/2010 08:24 PK	7/5/2010 7/5/2010	Daily Inspection	PK	PERFORMED see notes	Holiday - no work
7/7/2010 08:26 PK	7/6/2010 7/6/2010	Daily Inspection	PK	PERFORMED see notes	1 Desilva Gate Co continued grading work at buildings no 9, 10, 11 and 12 Working method was same as before
7/7/2010 15:20 PK	7/7/2010 7/7/2010	Daily Inspection	PK	PERFORMED see notes	1 Desilva Gate Co continued grading at buildings 9, 10, 11, 12 and park Working method was same as before
7/9/2010 08:13 PK	7/8/2010 7/8/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued grading work for buildings 9, 10, 11, 12 and park Working method was same as before 2 Contractor started cutting water service lines for meter installations for buildings no 23 and 24 City workers plan to install meters on 7/12/10 and 7/13/10

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7/9/2010 11:47 PK	7/9/2010 7/9/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued grading for buildings 9, 10, 11, 12 and park Construction method was same as before 2 Contractor performed prep work for water meter installations at buildings 23 and 24 The work was satisfactory I took pictures and sent to city PWS (Justin Chapel)
7/13/2010 07:45 PK	7/12/2010 7/12/2010	Daily Inspection	PK	PERFORMED see notes	1 Desilva Gate Co performed work of cement treated base at Hartstene Dr (contractor's phase 3 area) 1a Soils engineer checked the work and gave tests 2 Contractor continued street light work
7/14/2010 07:20 PK	7/13/2010 7/13/2010	Daily Inspection	PK	PERFORMED see notes	1 Desilva Gate co continued grading work at Hartstene Dr (contractor's phase 3 area) and performing cement treat work 1a Soils engineer checked the work and gave compaction tests 2 City PWS workers installed water meters for buildings no 23 and 24
7/15/2010 07:33 PK	7/14/2010 7/14/2010	Daily Inspection	PK	PERFORMED see notes	1 Desilva & Gate Co placed base rocks on Hartstene Dr and compacted Working method was same as before 1a Soils engineer gave compaction tests
7/15/2010 15:20 PK	7/15/2010 7/15/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor started installing 4" sub drain pipes (schedule 40 perforated PVC pipes) at Hartstene Dr Construction method was same as before
7/16/2010 15:12 PK	7/16/2010 7/16/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued installing sub drain pipes (schedule 40 perforated PVC pipes) at Hartstene Dr (contractor's phase 3) Working method was same as before 2 Contractor is ready to have water meters installed for buildings 17, 18 and 19 2a Javier Sierra (engineering) is preparing quotations
7/19/2010 13:32 PK	7/19/2010 7/19/2010	Daily Inspection	PK	PERFORMED see notes	1 Desilva Gate Co continued placing base rocks on Hartstene Dr and compacting, using rollers 1a Surveyors put stakes for curbs and gutters 2 J & M Co prepared sewer air tests
7/20/2010 13:43 PK	7/20/2010 7/20/2010	Daily Inspection	PK	PERFORMED see notes	A Sewer Air Tests - passed 1 MH # 15 - LH, MH #15 - MH 70, MH 90 - MH 91, MH 90 - MH 53, MH 53 - LH, MH 53 - 52, MH 80 - MH52 and MH 80-81 2 No leaks were found B Contractor prepared sewer flushing tests C Contractor installed fire lines from main at buildings 6, 9, and 11 D Contractor started form work for curbs and gutters at Hartstene Dr Construction method was same as before E City PWS workers installed water meters for buildings 17, 18, and 19

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7/21/2010 13:22 PK	7/21/2010 7/21/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor poured concrete on curbs and gutters at Hartstene Dr 1a Working method was same as before (6 sacks concrete and expansion joints) 2 J & M Co installed water bypass pipes including reduced pressure regulator for water test at contractor's phase 3 (Hartstene Dr) The location of the bypass pipe is at Puget Lane 3 Desilva Gate Co continued placing final base rocks on Hartstene Dr
7/22/2010 13:22 PK	7/22/2010 7/22/2010	Daily Inspection	PK	PERFORMED see notes	1 Concrete was poured on curbs and gutters at Hartstene Dr Construction method was same as before 2 J & M Co prepared water test at Hartstene Dr (contractor's phase 3) Labors checked all backflow preventers 2a Backflow preventer was physically separated before they got off the work 3 Contractor gave sewer TV tests for Hartstene Dr (contractor's phase 3 area) I will review the DVD
7/23/2010 13:10 PK	7/23/2010 7/23/2010	Daily Inspection	PK	PERFORMED see notes	1 Water pressure test at Hartstene Dr (contractor's phase 3 area) passed No leaking for two hours 1a Contractor put chlorine into system for bacteriological test on Monday 2 Contractor continued pouring concrete on curbs and gutters Working method was same as before
7/28/2010 13:07 PK	7/26/2010 7/26/2010	Daily Inspection	PK	PERFORMED see notes	1 Cerco Co took three water samples for contractor's phase 3 area at buildings 8, 12 and 23 J & M Co hired Cerco Co 1a Before sampling, water was dumped into truck, neutralizer was dumped into truck, zero chlorine level was verified and water was dumped on empty lots (not storm or sewer system) 2 Concrete was poured on curbs and gutters
7/28/2010 14:39 PK	7/27/2010 7/27/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued concrete pouring on curbs and gutters Working method was same as before
7/29/2010 13:01 PK	7/28/2010 7/28/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued digging for electrical trenches 2 Contractor exposed three water tie-in locations No tie-in work was performed
7/30/2010 07:26 PK	7/29/2010 7/29/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor performed three water tie-in work at contractor's phase 3 area The work was satisfactory 1a Water valves will be turned back on tomorrow 1b I asked Matt (super of KB Homes) and Mike (foreman of J & M Co) water sample be taken after tie in work is done and flushing is done
8/2/2010 07:45 PK	7/30/2010 7/30/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued grading the area 2 Contractor finished tie-in work for phase 3 2a Contractor flushed the line 2b Cerco Co took two water samples Because one area was out of water and no pressure during tie-in work, water samples were taken again
8/2/2010 16:30 PK	8/2/2010 8/2/2010	Daily Inspection	PK	PERFORMED see notes	Contractor placed base rocks on Hartstene Dr and cpmpacted

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8/4/2010 07:35 PK	8/3/2010 8/3/2010	Daily Inspection	PK	PERFORMED see notes	1 Desilva Gate Co continued placing base rocks on Hartstene Dr and compacting 1a Soils engineer gave compaction tests
8/4/2010 13:30 PK	8/4/2010 8/4/2010	Daily Inspection	PK	PERFORMED see notes	1 Desilva Gate Co paved street of Hartstene Dr Contractor controlled work very well
8/5/2010 15:45 PK	8/5/2010 8/5/2010	Daily Inspection	PK	PERFORMED see notes	1 Super told me that water sample test dated 7/30/10 failed 2 J & M Co opened gate valve near building 6 and flushed the system Cerco Co took sample at fire hydrant near building 11, and the gate valve was shut off 3 Contractor poured concrete on walkway at park
8/6/2010 12:01 PK	8/6/2010 8/6/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co raised irons (manholes and G-5 boxes) at Hartstene Dr Working method was same as before
8/10/2010 07:44 PK	8/9/2010 8/9/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued exposing irons (manholes and G-5 boxes) at Hartstene Dr
8/11/2010 07:46 PK	8/10/2010 8/10/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued exposing irons (manholes and G-5 boxes) at Hartstene Dr 2, I received water sample test report, which was done after water tie-in was done The sampling area was at Hartstene Dr area (contractor's phase 3) 2a City PWS (victor Palmberg and Justin Chapel) were informed of this 2b As of today main water line work was done
8/12/2010 07:50 PK	8/11/2010 8/11/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued exposing irons (manholes and G-5 boxes) at Hartstene Dr 1a Concrete was poured around them 1b Many irons have not been exposed
8/13/2010 08:12 PK	8/12/2010 8/12/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued exposing irons (manholes and G-5 boxes) Working method was same as before
8/13/2010 11:25 PK	8/13/2010 8/13/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued exposing irons (manholes and G-5 boxes) Working method was same as before
8/17/2010 08:20 PK	8/16/2010 8/16/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M continued exposing irons (manholes and G-5 boxes) 2 Sewer TV test for phase 3 passed 2a Per the TV test, following two lines need to be cleaned Super (Matt Salmon) and J & M Co were informed of this 2aa SSMH 15 - SSLH 2ab SSMH 53 - SSLH
8/18/2010 07:57 PK	8/17/2010 8/17/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued raising irons (manholes and G-5 boxes) to grade Working method was same as before 2 Contractor tested storm pump stations They worked
8/18/2010 14:50 PK	8/18/2010 8/18/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M checked manholes, cleaned and grouted inside working method was same as before 2 Contractor continued pumping storm drain to bio swale area
8/20/2010 07:40 PK	8/19/2010 8/19/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued irrigation work 2 I started checking cathodic system
8/20/2010 15:05 PK	8/20/2010 8/20/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co started making concrete pads under backflow preventers The work is very simple 2 Contractor continued landscaping work
8/24/2010 07:38 PK	8/23/2010 8/23/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor poured concrete pads of backflow preventers 2 All water valves were open as of today 3 Per TV test, two sewer lines (SSMH 15-LH and SSMH-LH) were cleaned 4 Contractor continued landscaping work

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8/25/2010 07:42 PK	8/24/2010 8/24/2010	Daily Inspection	PK	PERFORMED see notes	1 J & M Co continued building concrete pads under backflow preventers 2 Contractor continued landscaping work
8/26/2010 07:27 PK	8/25/2010 8/25/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work
8/27/2010 07:55 PK	8/26/2010 8/26/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work
8/27/2010 13:27 PK	8/27/2010 8/27/2010	Daily Inspection	PK	PERFORMED see notes	1 Per request of city PWS water dept, I checked water meters and addresses for building no 2 1a Because city building dept changed addresses of building no 2, meter numbers did not match with building addresses Filed investigation was sent to city PWS water (Justin chapel) 2 Contractor continued landscaping work
8/31/2010 07:36 PK	8/30/2010 8/30/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work
9/1/2010 07:55 PK	8/31/2010 8/31/2010	Daily Inspection	PK	PERFORMED see notes	Contractor continued landscaping work
9/1/2010 15:53 PK	9/1/2010 9/1/2010	Daily Inspection	PK	PERFORMED see notes	Contracor continued landscaping work
9/3/2010 07:52 PK	9/2/2010 9/2/2010	Daily Inspection	PK	PERFORMED see notes	Landscaping work only
9/3/2010 15:36 PK	9/3/2010 9/3/2010	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work 2 Per request of contractor, I checked status of water meter boxes for building no 20 2a I asked city PWS to install meters on 9/8/10 2b I asked contractor to fix minor issues for meter installation by Tuesday 2c City received meter fees from contractor 2d I asked Javier Sierra (engineering) to issue quotations by 9/7/10
9/8/2010 08:05 PK	9/7/2010 9/7/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work 2 Contractor is ready to have water meters for building no 20 installed 3 Water meter quotations for building no 20 were e-mailed to city PWS (Justin Chapel)
9/8/2010 15:39 PK	9/8/2010 9/8/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work 1a Sods were placed on park 2 City PWS worker tested backflow preventer of building no 20 The test passed 3 City PWS worker installed water meters for building no 20
9/9/2010 15:09 PK	9/9/2010 9/9/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work 2 City workers installed meters for building 20
9/10/2010 15:27 PK	9/10/2010 9/10/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work 2 City workers installed touch pads for building no 19
9/15/2010 08:19 PK	9/13/2010 9/13/2010	Daily Inspection	PK	PERFORMED see notes	landscaping work only
9/15/2010 08:20 PK	9/14/2010 9/14/2010	Daily Inspection	PK	PERFORMED see notes	landscaping work only
9/16/2010 07:13 PK	9/15/2010 9/15/2010	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work 2 J & M Co poured concrete on base of backflow preventers
9/16/2010 13:29 PK	9/16/2010 9/16/2010	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work 2 Contractor placed plastic lots of buildings 9 and 11 for NPDES work

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9/17/2010 14:59 PK	9/17/2010 9/17/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work 2 Matt Salmon (super) told me he will not clean levee of Keech Co in front of his project 2a Paul Willis was informed of this
9/21/2010 07:14 PK	9/20/2010 9/20/2010	Daily Inspection	PK	PERFORMED see notes	1 Courtney Rubin (PWS cross connection specialty) gave cross connection test for irrigation line The test passed She has a record 2 Contractor continued irrigation work 3 I resumed cathodic protection test
9/21/2010 11:48 PK	9/21/2010 9/21/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work 2 I continued testing cathodic protection system
9/23/2010 07:46 PK	9/22/2010 9/22/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work 2 Contractor dug holes for street light bases 3 I continued checking cathodic protection system
9/24/2010 07:28 PK	9/23/2010 9/23/2010	Daily Inspection	PK	PERFORMED sew notes	1 Contractor continued landscaping work 2 I tested cathodic protection system
9/24/2010 11:36 PK	9/24/2010 9/24/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work 2 I finished tests of cathodic protection system Reports will be sent out next week
9/28/2010 07:15 PK	9/27/2010 9/27/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work
9/28/2010 15:09 PK	9/28/2010 9/28/2010	Daily Inspection	PK	PERFORMED see notes	Landscaping work only
9/29/2010 16:02 PK	9/29/2010 9/29/2010	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work only 2 Drawings show mulch on levee 2a Jute net is better material than mulch per previous experience Paul Willis was informed of this
10/1/2010 07:22 PK	9/30/2010 9/30/2010	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work only 2 Per e-mail from Max Keech, KB Home is responsible for dressing new levee in front of the KB Home project
10/1/2010 13:26 PK	10/1/2010 10/1/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work 2 Contractor will place mulch on levee per plan I recommended Paul Willis jute net be installed on levee
10/5/2010 07:29 PK	10/4/2010 10/4/2010	Daily Inspection	PK	PERFORMED see notes	Landscaping work only
10/5/2010 13:15 PK	10/5/2010 10/5/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor brought 80 mm bricks for fire emergency access and started installing them 1a Thickness of sidewalk in front of this area is 4" Standard is 6" for h20 loading It looks OK, but I informed Paul Willis of this 2 Contractor continued landscaping work
10/6/2010 11:38 PK	10/6/2010 10/6/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work 2 Per verbal agreement between city and KB Home, contractor installed jute net on landscaping area of levee
10/7/2010 13:08 PK	10/7/2010 10/7/2010	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work 2 Contractor continued installing bricks at fire emergency access road 3 Contractor dressed and graded levee area, which will be landscaping area
10/8/2010 13:45 PK	10/8/2010 10/8/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued irrigation work at levee area 2 Contractor finished installing pavers at fire lane Landscaping work on this area has not been done
10/12/2010 07:21 PK	10/11/2010 10/11/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work at levee Purple pipes were used

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10/13/2010 07:37 PK	10/12/2010 10/12/2010	Daily Inspection	PK	PERFORMED see notes	Landscaping work at levee
10/13/2010 14:45 PK	10/13/2010 10/13/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work at levee
10/15/2010 07:30 PK	10/14/2010 10/14/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work at levee Construction method was same as before
10/15/2010 16:17 PK	10/15/2010 10/15/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work at levee Working method was same as before
10/18/2010 15:44 PK	10/18/2010 10/18/2010	Daily Inspection	PK	PERFORMED see notes	Landscaping work at levee
10/19/2010 15:45 PK	10/19/2010 10/19/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work at levee Construction method was same as before 2 I found sever fiber rolls are missing around catch basins Super was informed of this
10/21/2010 15:22 PK	10/20/2010 10/21/2010	Daily Inspection	PK	PERFORMED see notes	1 I was off 2 On 10/21/10 I found contractor continued landscaping work at levee yesterday (10/20/10)
10/21/2010 15:26 PK	10/21/2010 10/21/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work at levee 2 Construction method was same as before 3 Contractor installed jute nets and mulch on landscaping area at levee
10/22/2010 14:08 PK	10/22/2010 10/22/2010	Daily Inspection	PK	PERFORMED see notes	Contractor continued landscaping work at levee Working method was same as before
10/25/2010 14:59 PK	10/25/2010 10/25/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work at levee Construction method was same as before 2 Tomorrow I will have a construction meeting for Salt Ct Townhomes, but contractor cancelled it
10/26/2010 15:14 PK	10/26/2010 10/26/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work at levee Working method was same as before
10/28/2010 08:26 PK	10/27/2010 10/27/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work
10/29/2010 07:43 PK	10/28/2010 10/28/2010	Daily Inspection	TL1	PERFORMED ses notes	1 Contractor continued landscaping work, 2 I checked NPDES work again The work was satisfactory
10/29/2010 13:59 PK	10/29/2010 10/29/2010	Daily Inspection	PK	PERFORMED see notes	Contractor continued landscaping work
11/2/2010 07:15 PK	11/1/2010 11/1/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work 2 Sawcut was done for concrete cross walk
11/2/2010 15:45 PK	11/2/2010 11/2/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor installed test boards of cathodic protection work 1a I tested four stations, which failed in September 2010 The stations passed 1b One station has been buried and needs to be raised to grade Foreman of J&M Co (Mike) is aware of it Super (Mat Salmon) was informed of this 2 Contractor continued landscaping work
11/4/2010 07:33 PK	11/3/2010 11/3/2010	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work 2 City PWS (Courtney) gave backflow preventer tests for building no 16 The test passed

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11/4/2010 15:16 PK	11/4/2010 11/4/2010	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work 2 City PWS (Courtney) gave backflow preventer tests for building no 16 The tests passed 2a Water meter quotations were e-mailed to city PWS I asked them to install the meters tomorrow
11/5/2010 16:08 PK	11/5/2010 11/5/2010	Daily Inspection	PK	PERFORMED see notes	1 City PWS worker (Courtney) gave backflow preventers tests for building numbers 11, 14, and 15 The tests passed 2 Contractor fixed anode stations Today I signed off on cathodic protection work 3 Landscaping work
11/8/2010 14:39 PK	11/8/2010 11/8/2010	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work 2 I checked NPDES work again The work was satisfactory
11/9/2010 15:28 PK	11/9/2010 11/9/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work
11/11/2010 07:42 PK	11/10/2010 11/10/2010	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work 2 I checked NPDES work The work was satisfactory
11/12/2010 15:40 PK	11/12/2010 11/12/2010	Daily Inspection	PK	PERFORMED see notes	1 Yesterday was Veterans' holiday 2 Contractor continued landscaping work
11/15/2010 15:42 PK	11/15/2010 11/15/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work 2 Per request of contractor, I asked Javier (engineering) to issue water quotations for buildings 11, 14 and 15
11/17/2010 13:13 PK	11/16/2010 11/16/2010	Daily Inspection	PK	PERFORMED see notes	Landscaping work only
11/17/2010 13:14 PK	11/17/2010 11/17/2010	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work 2 Engineering sent water meter quotations for buildings 11, 14, and 15 to city PWS
11/22/2010 08:22 PK	11/18/2010 11/18/2010	Daily Inspection	PK	PERFORMED see notes	Contractor continued landscaping work
11/22/2010 08:23 PK	11/19/2010 11/19/2010	Daily Inspection	PK	PERFORMED see notes	Philip is off
11/23/2010 07:54 PK	11/22/2010 11/22/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work
11/23/2010 11:21 PK	11/23/2010 11/23/2010	Daily Inspection	PK	PERFORMED see notes	Contractor continued landscaping work
11/24/2010 13:45 PK	11/24/2010 11/24/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work 2 City PWS workers installed water meters for buildings 11, 14, and 15
11/29/2010 13:03 PK	11/29/2010 11/29/2010	Daily Inspection	PK	PERFORMED see notes	11/25/10 and 11/26/10 - Thanksgiving Holiday Contractor continued landscaping work
11/30/2010 15:17 PK	11/30/2010 11/30/2010	Daily Inspection	PK	PERFORMED see notes	Contractor continued landscaping work
12/2/2010 07:39 PK	12/1/2010 12/1/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work 2 Contractor poured concrete on sidewalk in front of building no 24 (6 sacks concrete and 4" thick)
12/2/2010 13:30 PK	12/2/2010 12/2/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work 2 Contractor poured concrete on sidewalk near building no 11 (4" thick and 6 sack concrete)
12/3/2010 14:50 PK	12/3/2010 12/3/2010	Daily Inspection	PK	PERFORMED see notes	Contractor continued landscaping work
12/7/2010 07:34 PK	12/6/2010 12/6/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work
12/7/2010 15:32 PK	12/7/2010 12/7/2010	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work 2 Contractor poured concrete on sidewalk at Demi Lane Working method was same as before
12/9/2010 14:10 PK	12/8/2010 12/8/2010	Daily Inspection	PK	PERFORMED see notes	Landscaping work only

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12/9/2010 14:16 PK	12/9/2010 12/9/2010	Daily Inspection	PK	PERFORMED see notes	Contractor continued landscaping work
12/10/2010 15:23 PK	12/10/2010 12/10/2010	Daily Inspection	PK	PERFORMED see notes	Landscaping work only
12/21/2010 11:29 PK	12/20/2010 12/20/2010	Daily Inspection	PK	PERFORMED see notes	1 I was on vacation from 12/13/10 through 12/17/10 2 Construction was slow 3 Landscaping contractor performed landscaping work
12/21/2010 11:32 PK	12/21/2010 12/21/2010	Daily Inspection	PK	PERFORMED see notes	Landscaping work only
12/22/2010 14:27 PK	12/22/2010 12/22/2010	Daily Inspection	PK	PERFORMED see notes	Minor landscaping work only
12/28/2010 13:08 PK	12/27/2010 12/27/2010	Daily Inspection	PK	PERFORMED ses notes	1 12/23/10 and 12/24/10 --- Holidays 2 Jobsite was slow
12/28/2010 13:10 PK	12/28/2010 12/28/2010	Daily Inspection	PK	PERFORMED see notes	1 Building construction only 2 I checked status of project on site
12/29/2010 10:48 PK	12/29/2010 12/29/2010	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work only Job site is very slow 2 12/30/10 and 12/31/10 -- City holidays
1/4/2011 07:47 PK	1/3/2011 1/3/2011	Daily Inspection	PK	PERFORMED see notes	1 12/30/10 and 12/31/10 --- Holidays 2 Job site was slow 3 Building construction only 4 NPDES work was satisfactory
1/5/2011 07:57 PK	1/4/2011 1/4/2011	Daily Inspection	PK	PERFORMED see notes	1 Building construction only 2 Landscaping Contractor performed minor landscaping work and left
1/5/2011 13:10 PK	1/5/2011 1/5/2011	Daily Inspection	PK	PERFORMED see notes	1 Landscaping contractor placed top soil around buildings no 16 and 17 2 Construction was slow today
1/7/2011 07:30 PK	1/6/2011 1/6/2011	Daily Inspection	PK	PERFORMED see notes	1 Landscaping contractor continued working around buildings 16 and 17 2 Per request of Bryan Chitwood (city Parks dept), I asked Matt Salmon(super) to remove shrubs around irrigation controller They will remove them tomorrow
1/7/2011 12:06 PK	1/7/2011 1/7/2011	Daily Inspection	PK	PERFORMED see notes	1 Construction is slow 2 Landscaping contractor continued working around buildings no 16 and 17
1/10/2011 15:46 PK	1/10/2011 1/10/2011	Daily Inspection	PK	PERFORMED see notes	1 City Parks dept (Valerie Matonis and Bryan Chitwood) asked me to remove shrubs in front of irrigation controller at SSPS No 21 1a Contractor removed them 1b Valerie and Bryan were informed of this
1/11/2011 11:46 PK	1/11/2011 1/11/2011	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work around buildings no 17 and 18
1/12/2011 11:42 PK	1/12/2011 1/12/2011	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work around buildings no 17 and 18
1/14/2011 07:22 PK	1/13/2011 1/13/2011	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work around buildings no 15 and 16
1/14/2011 11:45 PK	1/14/2011 1/14/2011	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work around buildings no 15 and 15
1/19/2011 13:22 PK	1/18/2011 1/18/2011	Daily Inspection	PK	PERFORMED see notes	1 1/17/2011 -- Holiday 2 Landscaping work only
1/19/2011 13:25 PK	1/19/2011 1/19/2011	Daily Inspection	PK	PERFORMED see notes	Landscaping work only
1/19/2011 13:28 PK	1/20/2011 1/20/2011	Daily Inspection	PK	PERFORMED see notes	landscaping work only
1/24/2011 07:42 PK	1/21/2011 1/21/2011	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work 2 I checked NPDES work on site The work was satisfactory 3 I checked status of the project on site
1/25/2011 07:36 PK	1/24/2011 1/24/2011	Daily Inspection	PK	PERFORMED see notes	landscaping work only

INSPECTION ACTIVITY REPORT

1/26/2011 16:01 PK	1/25/2011 1/25/2011	Daily Inspection	PK	PERFORMED see notes	Landscaping work only
1/26/2011 16:04 PK	1/26/2011 1/26/2011	Daily Inspection	PK	PERFORMED see notes	Landscaping work only
1/28/2011 07:52 PK	1/27/2011 1/27/2011	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work only
1/28/2011 14:12 PK	1/28/2011 1/28/2011	Daily Inspection	PK	PERFORMED see notes	Landscaping work only
2/1/2011 07:59 PK	1/31/2011 1/31/2011	Daily Inspection	PK	PERFORMED see notes	landscaping work only
2/1/2011 15:10 PK	2/1/2011 2/1/2011	Daily Inspection	PK	PERFORMED see notes	Landscaping work only
2/3/2011 07:39 PK	2/2/2011 2/2/2011	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work 2 Contractor installed temporary chain link fence around Salt Court area
2/4/2011 12:06 PK	2/3/2011 2/3/2011	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work 2 Street signs were installed per plan
2/4/2011 12:08 PK	2/4/2011 2/4/2011	Daily Inspection	PK	PERFORMED see notes	Landscaping work only
2/8/2011 07:34 PK	2/7/2011 2/7/2011	Daily Inspection	PK	PERFORMED see notes	landscaping work only
2/9/2011 07:40 PK	2/8/2011 2/8/2011	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work around building no 9
2/9/2011 14:45 PK	2/9/2011 2/9/2011	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued landscaping work around building no 9 2 Tomorrow Courtney (City backflow preventer) will test backflow preventers for building no 9 3 I asked Javier (engineering) to issue water quotations for building no 9
2/10/2011 15:53 PK	2/10/2011 2/10/2011	Daily Inspection	PK	PERFORMED see notes	1 City worker (Courtney Rubin) gave backflow preventer tests for building no 9 1a The tests passed 2 Quotations for building no 9 were emailed to city PWS 3 Contractor continued landscaping work around building no 9
2/11/2011 12:04 PK	2/11/2011 2/11/2011	Daily Inspection	PK	PERFORMED see notes	1 Contractor signed tickets of water installation for building no 9 2 Landscaping work around building no 9
2/15/2011 07:47 PK	2/14/2011 2/14/2011	Daily Inspection	PK	PERFORMED see notes	1 Courtney (city PWS) gave cross connection test for building no 15 It passed 2 Contractor continued landscaping work
2/15/2011 15:40 PK	2/15/2011 2/15/2011	Daily Inspection	PK	PERFORMED see notes	1 Preconstruction meeting for Salt Ct area was held 1a Matt Shaw (super), grading contractor, soils engineer, electrical contractor, underground contractor and I were attendees 1b Contractor plans to start working next week 1c After meeting, Matt Shaw and I met with manager of Indian Creek apt The manager was informed of the work 2 Water meters for building no 9 were installed yesterday late afternoon 3 Landscaping work
2/16/2011 16:12 PK	2/16/2011 2/16/2011	Daily Inspection	PK	PERFORMED see notes	1 It rained off and on today NPDES work within project area is satisfactory 2 Landscaping work only
2/18/2011 07:32 PK	2/17/2011 2/17/2011	Daily Inspection	PK	PERFORMED see notes	1 It rained off and on 2 Minor landscaping work only 3 NPDES work was satisfactory

INSPECTION ACTIVITY REPORT

2/23/2011 07:31 PK	2/22/2011 2/22/2011	Daily Inspection	PK	PERFORMED see notes	1 2/21/2011 -- Holiday 2 Landscaping work only 3 Contractor was supposed to start working at Salt Ct area today 3a Contractor did not show up at this area
2/24/2011 07:51 PK	2/23/2011 2/23/2011	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work only 2 Contractor will start working at Salt Ct area from 2/28/2011 3 KB Home (Matt Shaw) agreed to pay water tapping fee for Salt Ct area The quotation was emailed last week
2/25/2011 07:26 PK	2/24/2011 2/24/2011	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work only 2 Salt Ct area - no work 3 Water tapping fee at Salt Ct area -- contractor agreed to pay the fee
2/28/2011 13:36 PK	2/25/2011 2/25/2011	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work only 2 City received tapping fee for Salt Ct area 3 It rained NPDES work was satisfactory
2/28/2011 13:39 PK	2/28/2011 2/28/2011	Daily Inspection	PK	PERFORMED see notes	1 Landscaping work only 2 Salt Ct area 2a 3" rocks were placed on temporary entrance 2b Garbage was removed
3/2/2011 07:39 PK	3/1/2011 3/1/2011	Daily Inspection	PK	PERFORMED see notes	A Shearwater Park area - landscaping work only B Salt Ct area -- Contractor brought soil to job site
3/3/2011 07:40 PK	3/2/2011 3/2/2011	Daily Inspection	PK	PERFORMED see notes	A Shearwater Parkway area - landscaping work only B Salt Ct area - Contractor performed pot work to find existing utility lines
3/4/2011 07:18 PK	3/3/2011 3/3/2011	Daily Inspection	PK	PERFORMED see notes	A Shearwater Parkway area - landscaping work only B Salt Ct area -- Contractor started scarifying the area
3/7/2011 07:39 PK	3/4/2011 3/4/2011	Daily Inspection	PK	PERFORMED see notes	A Shearwater Parkway area - landscaping work only B Salt Ct area 1 Contractor continued scarifying the area 2 Jay Talbot (manger of Indian Creek complex) does not allow KB Home's heavy equipments to use his entrance during construction 2a Paul Willis (engineering) and Peter V (city engineer) were informed of this Jay already informed Matt Shaw (super of KB Home) of this
3/8/2011 07:59 PK	3/7/2011 3/7/2011	Daily Inspection	PK	PERFORMED see notes	Shearwater Parkway area - Landscaping work only Salt Ct area - grading work only
3/8/2011 15:39 PK	3/8/2011 3/8/2011	Daily Inspection	PK	PERFORMED see notes	Shearwater Parkway area -- landscaping work Salt Ct area 1 Per request of contractor I went to job site 2 Super told me he postponed the work to tomorrow 3 Super showed me issue of construction entrance As long as owner of Indian Creek Apt agreed to the method, I do not have any objection 3a Paul Willis (project manager), Peter V (city engineer), owner of Indian Creek Apt and top manger of KH Home are aware of the issue

INSPECTION ACTIVITY REPORT

3/10/2011 07:51 PK	3/9/2011 3/9/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct Area 1 Contractor started installing storm drain pipes from downstream 2 Per approved plan, RCP, class 1 permeable, shoring and base rocks were used 3 Trench for pump station was dug, but shoring for the location was not brought today Foreman is aware of it
3/10/2011 15:24 PK	3/10/2011 3/10/2011	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued installing storm pipes (RCP) 2 Construction method was same as before
3/11/2011 11:08 PK	3/11/2011 3/11/2011	Daily Inspection	PK	PERFORMED see notes	Shearwater Parkway area 1 Contractor installed retaining wall at Westside of building no 13 The work is part of building inspection Contractor was informed of this Salt Ct area 1 Contractor finished installing storm drain pipes 2 Construction method was same as before 3 shoring has not been installed for storm pump 4 First manhole area on Salt Ct was marked Contractor will start installing sewer line on 3/14/2011
3/15/2011 07:26 PK	3/14/2011 3/14/2011	Daily Inspection	PK	PERFORMED see notes	Working area is at Salt Ct 1 Contractor started sewer line work 2 Contractor dug hole for new SSMH at Salt Ct 2a Concrete was poured on base (8" thick drain rocks, rebars, and 2% calcium concrete) 2b SSMH cone was installed 2c Sewer pipes were installed from the SSMH Class 1 permeable, base rocks, caution tapes and cut back were used 2d Traffic was well controlled at this place
3/16/2011 11:52 PK	3/15/2011 3/15/2011	Daily Inspection	PK	PERFORMED see notes	Shearwater Parkway Area -- landscaping work only Salt Ct area 1 Job site was a little muddy 2 Underground contractor was not able to work 3 Concrete co checked the site and left
3/16/2011 11:54 PK	3/16/2011 3/16/2011	Daily Inspection	PK	PERFORMED see notes	Shearwater Parkway area - landscaping work only Salt Ct area 1 Concrete co made forms for top portions of drain inlets Contractor plans to pour concrete tomorrow
3/17/2011 15:55 PK	3/17/2011 3/17/2011	Daily Inspection	PK	PERFORMED see notes	Shearwater Parkway area - landscaping work only Salt Ct area 1 Contractor continued installing sewer pipes 1a Construction method was same as before 1b Contractor poured concrete on base of SSMH #402 (rebars, water stops, joints, and drain rocks) 1c Job site entrance was continuously cleaned

INSPECTION ACTIVITY REPORT

3/19/2011 07:51 PK	3/18/2011 3/18/2011	Daily Inspection	PK	PERFORMED see notes	1 It rained No work today 2 On 3/16/2011 at 6:00 PM, contractor broke fire hydrant at end of Keech 2a Fireman called city water dept (Ruben) He shut off valve 2b Contractor replaced broken pipe on 3/17/2011 City water dept (Xavier) and I checked the work It looks OK Paul Willis was informed of this Done deal!!!!
3/21/2011 16:59 PK	3/21/2011 3/21/2011	Daily Inspection	PK	PERFORMED see notes	Building construction only No work at Salt Ct area
3/23/2011 07:43 PK	3/22/2011 3/22/2011	Daily Inspection	PK	PERFORMED see notes	It rained off and on No work today NPDES work was satisfactory
3/24/2011 07:32 PK	3/23/2011 3/23/2011	Daily Inspection	PK	PERFORMED see notes	Building construction only
3/25/2011 07:49 PK	3/24/2011 3/24/2011	Daily Inspection	PK	PERFORMED see notes	It rained Building construction only NPDES work at Salt Ct was satisfactory
3/26/2011 15:17 PK	3/25/2011 3/25/2011	Daily Inspection	PK	PERFORMED see notes	It rained Building construction only NPDES work was satisfactory
3/29/2011 07:52 PK	3/28/2011 3/28/2011	Daily Inspection	PK	PERFORMED see notes	1 Job site at Salt Ct area was muddy No work was performed today 2 Building construction work only at Shearwater Parkway area
3/30/2011 07:45 PK	3/29/2011 3/29/2011	Daily Inspection	PK	PERFORMED see notes	Shearwater Parkway area - building construction only Salt Ct area 1 Job site was still muddy 2 Contractor removed temporary ADS pipes and backfilled trench with native soil The ADS pipes were installed for temporary drain purpose last year
3/31/2011 07:49 PK	3/30/2011 3/30/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 Contractor installed storm drain boxes 2 In the morning survey started placing stakes for water line Foreman told me survey machine was out of order
4/1/2011 07:52 PK	3/31/2011 3/31/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 Contractor started installing water line from inside the project area (not tapping area) Construction method was same as before Cathodic work was not done Construction method was same as before
4/4/2011 07:29 TL	4/1/2011 4/1/2011	Daily Inspection	TL	PERFORMED see notes	4-1-11 Observed Contractor wrapped all bends with the petroleum Wax Tape System Observed Placing rebar and observed the pouring of kickers for the 2 hydrant buries and 6-11-1/4 Degree bend 4-22 1/2 bend 2-45 degree bends All per plan -- inspection notes of Terrence Salt Ct area - inspection notes of Philip 1 Contractor started cathodic protection work (wrapping of all fittings) 2 I was off afternoon Therefore, I asked Terrence Lewis to inspect the cathodic protection work and thrust block work

INSPECTION ACTIVITY REPORT

4/4/2011 15:34 PK	4/4/2011 4/4/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 Contractor performed petroleum wrapping work at fitting and valves The work was satisfactory 2 Contractor poured concrete on thrust blocks I found super "Mat Salmon" quit on 4/1/2011 New super is Dino Spalding (408-595-0158, dspalding@kbhome com)
4/6/2011 07:52 PK	4/5/2011 4/5/2011	Daily Inspection	PK	PERFORMED see notes, STOPPP work	Salt Ct area 1 Contractor installed many backflow preventer 2 All fittings were petroleum wrapped per city standard 2a Contractor poured concrete on thrust blocks The work was satisfactory 3 Contractor dug trench for tapping work at Salt ct and installed tapping sleeve and gate valve Salt Ct area 1 I checked NPDES work I did not see any unsatisfactory work Shearwater Parkway area 1 I checked NPDES work I did not see any unsatisfactory work
4/4/2011 08:24 PK	4/6/2011 4/6/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 City workers (Mike, Corey and Rafael) gave tapping service at Slat Ct 1a Contractor installed temporary blow off valves for construction at tapping area 1b Teel plates were placed over the trench 2 Contractor continued cathodic protection work 3 Concrete was poured on thrust blocks 4 Contractor started installing 1" service lines
4/8/2011 12:01 PK	4/7/2011 4/7/2011	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued installing 1" service lines 2 Contractor compacted water line trenches 3 Joint trench co started working City does not have joint trench drawings
4/8/2011 12:04 PK	4/8/2011 4/8/2011	Daily Inspection	PK	PERFORMED see notes	1 Contractor continued compacting water line trenches 2 Contractor continued joint trench work
4/12/2011 07:24 PK	4/11/2011 4/11/2011	Daily Inspection	PK	PERFORMED see notes	1 On 4/8/2011, city PWS (Courtney) tested backflow preventers 1a Building No 6 - Domestic passed Fire failed 1b building No 7 - Domestic passed Fire failed 2 Salt Ct area - Joint trench work only
4/13/2011 07:42 PK	4/12/2011 4/12/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 Contractor installed 4" pipes for storm force main Work area was at entrance of project Construction method was same as before
4/14/2011 07:10 PK	4/13/2011 4/13/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct Area 1 Contractor continued installing storm force main Construction method was same as before 2 Contractor continued joint trench work Construction method was same as before

INSPECTION ACTIVITY REPORT

4/14/2011 14:20 PK	4/14/2011 4/14/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 Joint trench work only Shearwater Parkway area 1 city PWS workers installed water meters for building no 6 and 7
4/15/2011 14:50 PK	4/15/2011 4/15/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 Contractor continued joint trench work
4/18/2011 15:26 PK	4/18/2011 4/18/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 Contractor continued joint trench work
4/19/2011 15:45 PK	4/19/2011 4/19/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 Contractor (Desilva Gate) started grading work
4/20/2011 17:31 PK	4/20/2011 4/20/2011	Daily Inspection	PK	PERFORMED see notes	Slat Ct area 1 Contractor started constructing cement treated roadway 1a Soils engineer checked the work 2 Contractor continued joint trench work 3 Super (Dino) and I went to office of Indian Creek Apt Dino will have a meeting with Jay Talbot (super of Indian Creek Apt) regarding entrance work
4/21/2011 16:36 PK	4/21/2011 4/21/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 Contractor continued compacting roadway 2 Contractor marked locations of curb & gutter on roadway
4/22/2011 16:35 PK	4/22/2011 4/22/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 Contractor brought base rocks and spread on roadway Soils engineer was on site 2 Contractor placed soil over city's landscaping area last week 2a City's landscaper found irrigation heads and plants were damaged I emailed super (Dino), requesting the issue be resolved Also, Valerie (city parks dept) was informed of this
4/25/2011 11:36 PK	4/25/2011 4/25/2011	Daily Inspection	PK	PERFORMED see noltes	Salt Ct area 1 Contractor continued joint trench work 2 Contractor started installing subdrain pipes (schedule 40 perforated pipes, class 1 permeable, and wrap)
4/26/2011 15:16 PK	4/26/2011 4/26/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 Contractor continued joint trench work 2 Contractor continued placing base rock on road way Compaction will be done this week I asked super to give compaction tests 3 If compaction tests are satisfactory, city will give sewer air test and water pressure test
4/27/2011 13:31 PK	4/27/2011 4/27/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 Contractor removed curb, gutter and street light on entrance of Indian Creek apt per plan Indian Creek apt was informed of this 2 Contractor continued form work of curb and gutter 3 Contractor continued joint trench work
4/28/2011 13:53 PK	4/28/2011 4/28/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 Contractor poured concrete on curb and gutter (6 sacks concrete, dowels, and deep joints) 2 Super asked me to give sewer air tests and water pressure test tomorrow 3 Contractor started bio swale work along Marine Parkway

INSPECTION ACTIVITY REPORT

4/29/2011 13:25 PK	4/29/2011 4/29/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 Contractor continued pouring concrete on curb and gutter (6 sack concrete, expansion joints, and deep joints)
5/2/2011 13:31 PK	5/2/2011 5/2/2011	Daily Inspection	PK	PERFORMED see notes	Shearwater Parkway 1 Contractor prepared water meters installations for buildings 8, 10 and 12 I will check the work tomorrow Salt Ct Area 1 Contractor started preparing water pressure test and sewer air test 1a 95% of base rocks on roadway was placed and compacted
5/3/2011 14:48 PK	5/3/2011 5/3/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 I gave sewer air tests Tomorrow the tests will be continued
5/5/2011 07:19 PK	5/4/2011 5/4/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 I went to site for sewer air tests 1a Underground contractor found grading contractor had broken water valve Underground contractor was concentrating valve repair work 2 Contractor continued removing pile of dirt along levee
5/5/2011 15:19 PK	5/5/2011 5/5/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 Water pressure test passed (2 hours, 150 psi, and no leak) 2 Sewer air tests passed (5 psi, no leak) 3 Mandrel tests for sewer lines were not completed Tomorrow will continue the test
5/6/2011 11:31 PK	5/6/2011 5/6/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 Contractor continued joint trench work Working method was same as before 2 Contractor cleaned along levee area 2a City's irrigation heads have been damaged Super (Dino) checked the area Shearwater area 1 City workers installed water meters for building no 12
5/9/2011 11:23 PK	5/9/2011 5/9/2011	Daily Inspection	PK	PERFORMED see notes, STOPPP work	Salt Ct area 1 As of today, sewer mandrel tests was done 2 Water lines were flushed 2a Late afternoon on 5/6/2011 contractor put chlorine into water pipes 2b Water was dumped into water tank and dechlorinator was dumped into water truck 2c Zero chlorine was found Water was dumped into sewer system Storm system has not been connected to city system yet 3 Two water samples were taken by CERCO co Shearwater Park area 1 Contractor fixed backflow preventers for buildings 13 and 8 Salt Ct area and Shearwater Parkway area 1 I checked NPDES work I did not see any unsatisfactory work
5/11/2011 07:22 PK	5/10/2011 5/10/2011	Daily Inspection	PK	PERFORMED see notes	1 Contractor placed base rocks on roadway and compacted This work was for final sub grade work Sub base was cement treated 2 Contractor fixed irrigation pipes for Indian Creek Apt at entrance

INSPECTION ACTIVITY REPORT

5/11/2011 13:27 PK	5/11/2011 5/11/2011	Daily Inspection	PK	PERFORMED see notes	Salt Ct area 1 Contractor removed AC on area of Indian Creek Apt per plan Base rocks were compacted again Thickness of AC will be 4" 1a Contractor will pave this area and roadway on Salt Ct area 1b Geotechnical engineer tested compaction today 2 Contractor performed two tie-in work See drawings for the locations 2a City received water sample reports, which passed The report was emailed to Justin Chapel at city PWS The samples were taken on 5/8/2011 2b Tie in method was same as before Tie-in pipes were chlorine swapped 2c Water samples will be taken tomorrow again

Section 4.2

Copies of Inspection Notes/Records/Forms

for

Construction Site Stormwater Runoff Quality Inspections

Conducted from 12/1/2009 through 3/1/2011

IN AND OUT BURGER

Submittal to Regional Water Quality Control Board
From Redwood City
May 13, 2011

CITY OF REDWOOD CITY
S.W.P.P.P

Construction Inspector's Report

Inspection Date: VARIES Inspection No.: _____

Name of Project: 949 Veterans Fn & out Burger Project No./Permit No. _____

Project Location: _____

Contractor: In & OUT BURGERS

Type of Work: ☐ Building Permit ☐ Repair/Replacement of Existing Improvements ☐ Public Improvements
☐ Grading ☐ Private Improvements ☐ Erosion Control Plan

Project more than 5 acres: NO (yes/no) NOI Required: NO (yes/no)
NOI Application Date: ___/___/___ SWPPP Filed: ___/___/___ SWPPP Acceptable: Yes (yes/no)

Land Use:

1. ☒ Business/Commercial ☐ Parks/Open Space ☐ Streets ☐ Residential
2. ☐ Industrial ☐ Others ☐ Materials/Storage ☐ Equipment Servicing

Storm Water Pollution Prevention Measures:

3. ☒ Grass Swale	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
4. ☒ Oil water Separators	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
5. ☒ Sediment Traps	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
6. ☒ Sand bags protecting inlets	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
7. ☐ Fossil Filters	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
8. ☐ Street Sweeping	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
9. ☐ Improve Roof Downspout System	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
10. ☐ Vegetated Filter Strip for Catch Basin	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
11. ☐ Others	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable

Erosion & Sediment Control Measures:

12. ☒ Wattles / Fiber Rolls	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
13. ☐ Silt Fences	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
14. ☐ Sedimentation Basin	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
15. ☐ Jute Netting	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
16. ☐ Silt Fencing w/Wire Fence Backing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
17. ☐ Hay Bales w/Wire Fence Backing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
18. ☐ Slopes covered w/Plastic	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
19. ☐ Stabilized construction entrance	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
20. ☐ Seeding of slopes (Temp. and/or Perm.)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
21 ☐ Mulching (Temp. and/or Perm.)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
22. ☐ Detention Ponds	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
23. ☐ Rock Rip/Rap	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
24. ☐ Others	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable

Follow-Up-Inspection Date: _____
(Please have measures in place)

Comments: Not Required At This Time Material is on Site.

Inspector's Signature: [signature] Date: 5-1-D

Signature of On Site Representative/Foreman: _____ Date: _____

SAN MATEO COUNTYWIDE Water Pollution Prevention Program

CONSTRUCTION SITE INSPECTION REPORT

1. Inspection Date:_____ 1a. Current weather conditions: _____ 1b. Rainfall with runoff since last inspection? ☐ Yes ☐ No
2. Name of Project: IN-&-OUT BURGER 2a. Project No./Permit No._____
3. Project Location: 949 Veterans
4. Inspection Type: ☒ Routine ☐ Pre-Rain ☐ During Rain ☐ After Rain ☐ Follow-up ☐ Other
5. Permit Type: ☐ Building Permit ☒ Grading Permit ☐ Site Development ☐ CIP Project
6. Project disturb 1 acre or more?: No (yes/no) NOI Required: NO (yes/no) SWPPP dated ___/___/___
   Project covered under Statewide General Construction Activity Permit? No (yes/no) SWPPP on site?_____(yes/no)
7. High Priority Site (significant threat to water quality)? No (yes/no)
   NOTE: Sites disturbing 1 acre or more AND High Priority Sites require monthly inspections during the wet season (from Oct. 1 thru April 30).
8. Project Type: ☐ Commercial/Industrial ☐ Residential ☐ Street Improvement ☐ Landscaping ☒ Utility (water,sewer, PG&E) ☒ Grading ☐ Demolition ☐ Other

9. Erosion Control Measures:

☒ Jute Netting / Fiber Blankets	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Mulch	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Hydroseed/Soil Binder/Compost Blanket	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Mark Areas to be Preserved	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Tree Protection Fencing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Riparian Area Barrier	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable

10. Sediment Control Measures

☒ Wattles / Fiber Rolls / Compost Socks	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Silt Fences / Compost Berms	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Sedimentation Basin	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Inlet filters (Bags, sand, gravel)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Dust Control	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Stabilized construction entrance	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Check Dams	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Street Sweeping	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Earth Dikes / Drainage Swales	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable

11. Run-on and Runoff Control

☐ Earth Dikes / Drainage Swales	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Sampling is conducted, if required	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable

12. ☐ Active Treatment System (if any) ☐ Adequate ☐ Requires Maintenance ☐ Non-Compliant ☐ Not Applicable
    ☐ Comments:_____

13. Good Site Management

☒ Construction Materials (wood,cement,etc)	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Petroleum Products (oil, fuel)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Hazardous materials (paint,solvents)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Waste Systems Management	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Soil Stockpiles	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Vehicle Servicing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable

14. Non-Stormwater Management

☒ Concrete washout area	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Other: _____	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable

15. Are the discharge points free of any evidence of illicit discharge? ☒ Yes ☐ No Comments: _____

16. **Enforcement/Follow-Up** Date problem first identified: _____ Next follow-up inspection date: _____
    Comments: All NPDES = SWPPP Best Management Practice
    Follow up at each inspection
    Enforcement: ☐ None/In Compliance ☐ Verbal Notice ☐ Notice to Comply ☐ Notice of Violation ☐ Stop Work ☐ Administrative Fine

17. Resolution: ☐ Problem Fixed ☐ Need More Time (include rationale in comments) ☐ Escalate Enforcement ☐ Date resolved: ___/___/___
    Was there rain with runoff after problem identified and before resolution? ☐ Yes ☐ No

18. Inspector's Signature: [signature] Date: 4-1-10
19. Name of Project Manager (Print) Frank JAQEZ Phone Number _____

Signature of Project Manager_____ Date:_____

Updated March 2010

City of Redwood City

INSPECTION ACTIVITY REPORT

Permit No. CP09-0089 **Site Address** 949 VETERANS BLVD

Applied 12/9/2009 **Applicant** Toubar Equipment Co Inc **Lot** 6102.02
Approved 3/29/2010 **Owner** IN N OUT BURGERS, **Block** 341
Issued 3/29/2010 **Contractor** Toubar Equipment Co Inc **Tract** 78
Parent Permit No. B09-1838 **Description** 949 Veterans Blvd. Impvts for In-N-Out Burger
Notes (3/29/2010 10:43 GS)
Per PW He is taking care of Bond

Requested Time / By	Scheduled Completed	Inspection Type	Inspector	Result Remarks	Notes
7/6/2010 10:19 TL	5/19/2010 5/19/2010	Daily Inspection	TL1	<none>	5-19-10 Toubar Inspect and observe the work on Water Line on Veterans Inspect & observe Sewer Main Dig and expose water line Dig and expose Sewer on Veterans for tie in due to slope too gradual need to intercept lateral closer to Main
7/6/2010 10:36 TL	5/20/2010 5/20/2010	Daily Inspection	TL1	<none>	5/20/10 Toubar Inspect and observe work on Sewer Main on Veterans Dig and expose Water Main on Veterans Expose water main to obtain O.D. (Outside Diameter of Main for the Water Tapping Sleeve On Second location located Bell in the middle of the Tapping location Location will have to be relocated per Engineering Requirements
6/20/2010 14:38 TL	6/9/2010 6/9/2010	Daily Inspection	TL1	<none>	
6/20/2010 14:30 TL	6/14/2010 6/14/2010	Daily Inspection	TL1	<none>	6-14-10 Contractor placed tapping sleves on Existing 12 inch ACP line Placed valves on tapping sleeve Hydrostatically tested tapping sleeve 100 lbs for 20 minutes Attached brass tapping sleeve for 2 inch with corp stop
6/20/2010 14:27 TL	6/16/2010 6/16/2010	Daily Inspection	TL1	<none>	6-16-10 City Water Crews on site for Water Taps 1-6inch Fire Service 1-6inch Fire Hydrant 1-2inch domestic/irrigation
7/4/2010 13:07 TL	6/29/2010 6/29/2010	Daily Inspection	TL1	<none>	6-29-10 Contractor formed for concrete pour for curb, gutter, commercial driveway approach
7/4/2010 13:02 TL	6/30/2010 6/30/2010	Daily Inspection	TL1	<none>	6-30-10 Contractor poured commercial driveway approach curb & gutter
7/4/2010 12:49 TL	7/1/2010 7/1/2010	Daily Inspection	TL1	<none>	7-1-10 Inspected forms for side walk Dowels, slip covers, expansion material

City of Redwood City

INSPECTION ACTIVITY REPORT

7/4/2010 12:40 TL	7/2/2010 7/2/2010	Daily Inspection	TL1	<none>	7-2-10 Inspected concrete after pour Side walk completed except for tree wells Reviewed securing site for week-end 12 inch gap between AC and face of gutter pan filled with class 2 and compacted
7/11/2010 11:50 TL	7/6/2010 7/6/2010	Daily Inspection	TL1	<none>	7-6-10 IN-N-OUT Toubor Complete connecting to the water lines after receiving Bacteria Results from Bennett Marine
7/11/2010 11:22 TL	7/7/2010 7/7/2010	Daily Inspection	TL1	<none>	7-17-10 IN-N-OUT Toubor Contractor work on completing the wax coating on the remaining 3 connections
7/11/2010 11:06 TL	7/8/2010 7/8/2010	Daily Inspection	TL1	<none>	7-8-10 IN-N-OUT TOUBOR Backfill water lines Class 1 Type A then follow Class 2 AB 95+ compaction Attached Irrigation Backflow device to (E) existing water meter
7/11/2010 11:01 TL	7/9/2010 7/9/2010	Daily Inspection	TL1	<none>	7-9-10 IN-N-OUT Toubor Contractor completed last lifts of backfill Soils tech on site testing lifts for 95+ compaction

Section 4.3

Copies of Inspection Notes/Records/Forms

for

Construction Site Stormwater Runoff Quality Inspections

Conducted from 12/1/2009 through 3/1/2011

885 WOODSIDE ROAD

Submittal to Regional Water Quality Control Board
From Redwood City
May 13, 2011

CITY OF REDWOOD CITY
S.W.P.P.P

Construction Inspector's Report

Inspection Date: 10·14-09 Inspection No.: 1

Name of Project: _____ Project No./Permit No. CP09-0038

Project Location: 885 WOODSIDE

Contractor: _____

Type of Work: ☐ Building Permit ☐ Repair/Replacement of Existing Improvements ☐ Public Improvements
☒ Grading ☐ Private Improvements ☐ Erosion Control Plan

Project more than 5 acres: NO (yes/no) NOI Required: NO (yes/no)
NOI Application Date: ___/___/___ SWPPP Filed: ___/___/___ SWPPP Acceptable: _____ (yes/no)

Land Use:

1. ☒ Business/Commercial ☐ Parks/Open Space ☐ Streets ☒ Residential
2. ☐ Industrial ☐ Others ☐ Materials/Storage ☐ Equipment Servicing

Storm Water Pollution Prevention Measures:

3. ☒ Grass Swale	☐ Adequate	☐ Requires Maintenance	☒ Non-Compliant	☒ Non-Applicable
4. ☐ Oil water Separators	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
5. ☐ Sediment Traps	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
6. ☒ Sand bags protecting inlets	☐ Adequate	☐ Requires Maintenance	☒ Non-Compliant	☐ Non-Applicable
7. ☒ Fossil Filters	☐ Adequate	☐ Requires Maintenance	☒ Non-Compliant	☐ Non-Applicable
8. ☐ Street Sweeping	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
9. ☐ Improve Roof Downspout System	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
10. ☐ Vegetated Filter Strip for Catch Basin	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
11. ☐ Others	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable

Erosion & Sediment Control Measures:

12. ☒ Wattles / Fiber Rolls	☒ Adequate	☐ Requires Maintenance	☒ Non-Compliant	☐ Non-Applicable
13. ☐ Silt Fences	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
14. ☐ Sedimentation Basin	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
15. ☐ Jute Netting	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
16. ☐ Silt Fencing w/Wire Fence Backing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
17. ☐ Hay Bales w/Wire Fence Backing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
18. ☐ Slopes covered w/Plastic	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
19. ☐ Stabilized construction entrance	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
20. ☐ Seeding of slopes (Temp. and/or Perm.)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
21 ☐ Mulching (Temp. and/or Perm.)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
22. ☐ Detention Ponds	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
23. ☐ Rock Rip/Rap	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
24. ☐ Others	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable

Follow-Up-Inspection Date: _____
(Please have measures in place)

Comments: AS OF 10·17-09 – NO ACTION

Inspector's Signature: [signature] Date: 10·14-09

Signature of On Site Representative/Foreman: _____ Date: _____

CITY OF REDWOOD CITY
S.W.P.P.P

Construction Inspector's Report

Inspection Date: 11-1-09 Inspection No.: 2

Name of Project: Project No./Permit No. CP09-0038

Project Location: 885 Woodside

Contractor: LAMB

Type of Work: ☐ Building Permit ☐ Repair/Replacement of Existing Improvements ☐ Public Improvements
☐ Grading ☐ Private Improvements ☐ Erosion Control Plan

Project more than 5 acres: N (yes/no) NOI Required: N (yes/no)
NOI Application Date: ___/___/___ SWPPP Filed: ___/___/___ SWPPP Acceptable: _____ (yes/no)

Land Use:

1. ☒ Business/Commercial ☐ Parks/Open Space ☐ Streets ☐ Residential
2. ☐ Industrial ☐ Others ☐ Materials/Storage ☐ Equipment Servicing

Storm Water Pollution Prevention Measures:

3. ☐ Grass Swale	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
4. ☐ Oil water Separators	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
5. ☐ Sediment Traps	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
6. ☒ Sand bags protecting inlets	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
7. ☐ Fossil Filters	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
8. ☐ Street Sweeping	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
9. ☐ Improve Roof Downspout System	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
10. ☐ Vegetated Filter Strip for Catch Basin	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
11. ☐ Others	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable

Erosion & Sediment Control Measures:

12. ☐ Wattles / Fiber Rolls	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
13. ☐ Silt Fences	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
14. ☐ Sedimentation Basin	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
15. ☐ Jute Netting	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
16. ☐ Silt Fencing w/Wire Fence Backing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
17. ☐ Hay Bales w/Wire Fence Backing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
18. ☐ Slopes covered w/Plastic	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
19. ☒ Stabilized construction entrance	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
20. ☐ Seeding of slopes (Temp. and/or Perm.)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
21 ☐ Mulching (Temp. and/or Perm.)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
22. ☐ Detention Ponds	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
23. ☐ Rock Rip/Rap	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
24. ☐ Others	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable

Follow-Up-Inspection Date: 11-1-09
(Please have measures in place)

Comments: Site WATTLES INSTALLED AROUND PERIMETER NO ON SITE WATER leaves. PREMISES.

Inspector's Signature: [signature] Date: 11-1-09

Signature of On Site Representative/Foreman: _____ Date: _____

City of Redwood City

INSPECTION ACTIVITY REPORT

Permit No. CP09-0038 **Site Address** 885 WOODSIDE RD

Applied 6/25/2009 **Applicant** Gerald Yates Architects **Lot** 6113
Approved 7/7/2009 **Owner** WOODSIDE 2 STORY LLC, C/O LMM **Block** 301
Issued **Contractor** Nicholson Lamb Venture, LLC **Tract** 5
Parent Permit No. B08-0732 **Description** 885 Woodside Road improvements
Notes At least 24 hours prior to inspection contact City Inspector Terrence Lewis at 650-740-7367.

Requested Time / By	Scheduled Completed	Inspection Type	Inspector	Result Remarks	Notes
9/13/2009 09:09 TL	9/8/2009 9/8/2009	Daily Inspection	TL1	<none>	9-8-09 885 Woodside Lamb Ventures Gerald Yates Engineering AB Construction Reviewed Water and Storm submittals (Rejected water told to resubmit as incomplete missing tapping and incorrect fire hydrant).
9/13/2009 09:19 TL	9/10/2009 9/10/2009	Daily Inspection	TL1	<none>	9-10-09 885 Woodside Road Lamb Ventures/ Build GC/ Mission Engineers/ AB Construction Inspected Building Storm Drainage Inspected SD Detention Manhole and SD MH with filter system Junction Boxes/ Backflow devices NOTE: Contractor not allowed to backfilled as contractor- Plumber revised plans by eliminating redundancy in the connection at the SDMHthat was approved in plan review and plan checking Contractor/Project Manager Superintendent that changes can not be made in field they must be be approved by design Engineer as well as City Senior Engineer Reviewed layout in Street (Horgan) for Sewer Manhole as well as location of other utilities that may be in conflict.
9/13/2009 10:35 TL	9/11/2009 9/11/2009	Daily Inspection	TL1	<none>	9-11-09 885 Woodside AB Construction Contractor excavated and exposed telephone/cable TV/ Sewer/ Electric/ Will need to expose all utilities before the sewer manhole can be designed/adjusted due to conflicts.
9/16/2009 20:04 TL	9/14/2009 9/14/2009	Daily Inspection	TL1	<none>	9-14-09 885 Woodside
9/16/2009 20:05 TL	9/15/2009 9/15/2009	Daily Inspection	TL1	<none>	9-15-09 885 Woodside
9/16/2009 20:07 TL	9/16/2009 9/16/2009	Daily Inspection	TL1	<none>	9-16-09 885 Woodside
10/17/2009 14:19 TL	10/15/2009 10/15/2009	STOPPP Inspection	TL1	NOT READY	
10/17/2009 14:21 TL	10/17/2009 10/17/2009	STOPPP Inspection	TL1	NOT READY	

INSPECTION ACTIVITY REPORT

10/17/2009 14:22 TL	10/17/2009	Other	TL1	SEE NOTES	10-17-09 885 Woodside Investigated follow up on STOPP Waddles were delivered BUT not placed Work was being done on Saturday without approval Sub contractor was operating lift to upper floores and tracked mud into street told to clean up. Told contractor to get approval to work from City Building Department
10/17/2009 14:21 TL	10/19/2009	STOPPP Inspection	TL1		
10/17/2009 14:23 TL	10/19/2009	STOPPP Inspection	TL1		
10/24/2009 07:51 TL	10/20/2009 10/20/2009	Daily Inspection	TL1	<none>	10-20-09 885 Woodside Excavated sewer main to expose main, new lateral Will intercept main and create a man hole to allow for lateral to enter main and allow for cleaning tomorrow
10/24/2009 07:45 TL	10/21/2009 10/21/2009	Daily Inspection	TL1	<none>	10-21-09 885 Woodside AB Construction Poured base and ring on top of sanitary sewer Once base poured and set cut existing sewer main top of conduit (Pipe) opened the top and created flow channel. Will set top sectios tomorrow
10/24/2009 07:41 TL	10/22/2009 10/22/2009	Daily Inspection	TL1	<none>	10-22-09 885 Woodside AB Construction Placed eccentric cone base and collar on sanitary sewer line in street (Horgan)
11/1/2009 17:02 TL	10/28/2009 10/28/2009	Daily Inspection	TL1	<none>	10-29-09 885 Woodside AB Construction Installed tapping sleeves and valves Tested tapping sleeves 100+ lbs for 1 hour
11/1/2009 16:57 TL	10/30/2009 10/30/2009	Daily Inspection	TL1	<none>	10-30-09 885 Woodside Road AB Construction City water dept crew on site to tap 6 inch fire service 6 inch Fire Hydrant 4 inch domestic water 1 inch irrigation Contractor supplied wrong water Valves corrected removed and replaced with correct valves
11/15/2009 15:47 TL	11/13/2009 11/13/2009	Daily Inspection	TL1	<none>	11-13-09 885 Woodside AB Construction Trenched for Taps complete New Fire Hydrant New Fire Service Exposed existing 6 inch water and gas line Need to verify when 6 inch is to be abandoned
11/21/2009 10:59 TL	11/17/2009 11/17/2009	Daily Inspection	TL1	<none>	11-17-09 885 Woodside AB Construction Connect DDCV in vault
11/21/2009 10:53 TL	11/18/2009 11/18/2009	Daily Inspection	TL1	<none>	11-18-09 885 Woodside AB Construction Poured kickers (thrust blocks) at all joints Finished restraints installing all tread for all the joints Fire line had to be lowered due to existing 6 inch Installed annode for pipe riser to building

INSPECTION ACTIVITY REPORT

11/21/2009 10:50 TL	11/19/2009 11/19/2009	Daily Inspection	TL1	<none>	11-19-09 885 Woodside AB Construction Loaded Hydrant and Fire Service
11/21/2009 10:45 TL	11/20/2009 11/20/2009	Daily Inspection	TL1	<none>	11-20-09 885 Woodside AB Construction Hydrostatic test on Hydrant and Fire Service 200 PSI 4 Hour Excavate for Domestic Water Trench from tap towards BOW
11/26/2009 11:30 TL	11/23/2009 11/23/2009	Daily Inspection	TL1	<none>	11-23-09 885 Woodside AB Construction Reviewed installation of 4 inch meter by-pass
11/26/2009 11:26 TL	11/25/2009 11/25/2009	Daily Inspection	TL1	<none>	11-25-09 885 Woodside AB Construction Work on assembling 4 inch by-pass
12/6/2009 15:48 TL	11/30/2009 11/30/2009	Daily Inspection	TL1	<none>	11-30-09 885 Woodside Contractor working on assembly of 4 inch meter by pass start pressure test on domestic water line
12/6/2009 15:50 TL	12/1/2009 12/1/2009	Daily Inspection	TL1	<none>	12-1-09 885 Woodside Contractor continuing to work on by-pass Pressure test completed on domestic line
12/6/2009 15:54 TL	12/2/2009 12/2/2009	Daily Inspection	TL1	<none>	12-2-09 885 Woodside Bennett marine start bacteria test
12/6/2009 16:00 TL	12/3/2009 12/3/2009	Daily Inspection	TL1	<none>	12-03-09 885 Woodside Cathodic protection applied on meter by-pass
12/12/2009 13:37 TL	12/7/2009 12/7/2009	Daily Inspection	TL1	<none>	12-07-09 Tied in domestic water line as well as fire system
12/12/2009 13:33 TL	12/10/2009 12/10/2009	Daily Inspection	TL1	<none>	12-10-09 Contractor excavated tapping pits on either side of median Exposed 10 inch CIP water main Also on opposite side of median exposed 6-8 inch ACP line at same elevation as water line.
12/12/2009 13:28 TL	12/11/2009 12/11/2009	Daily Inspection	TL1	<none>	12-11-09 Contractor finaled excavation pits for tap on 10 inch cast iron pipe (CIP) opened pits on either side of traffic median on Woodside Road Water Department will tap on Monday 12-14-09
12/20/2009 15:23 TL	12/14/2009 12/14/2009	Daily Inspection	TL1	<none>	12-14-09 Water Department on site tap water line on Woodside Road at Union Tap is for new Fire Hydrant
12/20/2009 15:26 TL	12/15/2009 12/15/2009	Daily Inspection	TL1	<none>	12-15-09 AB Construction After tap to 10 inch CIP contractor poured kicker started installing new 6 inch line Disinfected line
12/20/2009 15:37 TL	12/16/2009 12/16/2009	Daily Inspection	TL1	<none>	12-17-09 Contractor continued working on Woodside Road Disinfected pipe installed new 6 inch C-900 for Fire Hydrant
12/20/2009 15:42 TL	12/17/2009 12/17/2009	Daily Inspection	TL1	<none>	12-17-09 Contractor completed pipe placement, bury for hydrant, poured kicker
12/20/2009 15:17 TL	12/18/2009 12/18/2009	Daily Inspection	TL1	<none>	12-18-09 AB construction Completed backfilling trench on Woodside Road for new fire hydrant

INSPECTION ACTIVITY REPORT

3/7/2010 09:17 TL	2/22/2010 3/2/2010	Daily Inspection	TL1	<none>	885 Woodside Rd All water meters installed at site irrigation, domestic water By Pass System, fire system

Section 4.4

Copies of Inspection Notes/Records/Forms

for

Construction Site Stormwater Runoff Quality Inspections

Conducted from 12/1/2009 through 3/1/2011

CANADA VISTA DR. FACULTY HOUSING

Submittal to Regional Water Quality Control Board
From Redwood City
May 13, 2011

CITY OF REDWOOD CITY
S.W.P.P.P

Construction Inspector's Report

Inspection Date: 10/14/09 Inspection No.: _____

Name of Project: 1 CANADA VISTA DR Project No./Permit No. CD08-0049

Project Location: One Olive ct

Contractor: SEGUE CO

Type of Work: ☒ Building Permit ☐ Repair/Replacement of Existing Improvements ☒ Public Improvements
☐ Grading ☐ Private Improvements ☐ Erosion Control Plan

Project more than 5 acres: _____ (yes/no) NOI Required: _____ (yes/no)
NOI Application Date: ___/___/___ SWPPP Filed: ___/___/___ SWPPP Acceptable: _____ (yes/no)

Land Use:

☐ Business/Commercial ☐ Parks/Open Space ☐ Streets ☒ Residential
☐ Industrial ☐ Others ☐ Materials/Storage ☐ Equipment Servicing

Storm Water Pollution Prevention Measures:

☐ Grass Swale	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
☐ Oil water Separators	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
☐ Sediment Traps	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
☐ Sand bags protecting inlets	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
☐ Fossil Filters	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
☐ Street Sweeping	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
☐ Improve Roof Downspout System	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
0. ☐ Vegetated Filter Strip for Catch Basin	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
1. ☐ Others	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable

Erosion & Sediment Control Measures:

2. ☐ Wattles / Fiber Rolls	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
3. ☐ Silt Fences	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Non-Applicable
4. ☐ Sedimentation Basin	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
5. ☐ Jute Netting	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
6. ☐ Silt Fencing w/Wire Fence Backing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
7. ☐ Hay Bales w/Wire Fence Backing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
8. ☐ Slopes covered w/Plastic	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
9. ☐ Stabilized construction entrance	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
0. ☐ Seeding of slopes (Temp. and/or Perm.)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
1 ☐ Mulching (Temp. and/or Perm.)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
2. ☐ Detention Ponds	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
3. ☐ Rock Rip/Rap	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable
4. ☐ Others	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☒ Non-Applicable

Follow-Up-Inspection Date: _____
(Please have measures in place)

Comments: (1) ~~We~~ The work was satisfactory.
(2) I will ~~ca~~ keep watching the work.

Inspector's Signature: [signature] Date: 10/14/09

Signature of On Site Representative/Foreman: _____ Date: _____

City of Redwood City

INSPECTION ACTIVITY REPORT

Permit No. CP08-0049 **Site Address** 1 Olive Court

Applied 7/17/2008 **Applicant** Segue Construction **Lot**
Approved 4/14/2009 **Owner** SAN MATEO COMMUNITY, **Block**
Issued 4/14/2009 **Contractor** Segue Construction **Tract** 0
Parent Permit No. **Description** 1 Canada Vista Dr. faculty housing
Notes

Requested Time / By	Scheduled Completed	Inspection Type	Inspector	Result Remarks	Notes
4/21/2009 15:47 PK	4/21/2009 4/21/2009	Daily Inspection	PK	PERFORMED see notes	1. Contractor e-mailed me traffic control plan for joint trench work yesterday. 2. Per request of contractor (Neil Osterbaan), I met with him on site. 2a. He showed me joint trench plan and traffic control plans. My drawings do not show joint trench work. Also, the work is located within Town of Woodside. I asked him to get permit or approval from Town of Woodside. 3. I asked him to submit material lists of underground work and improvement work for city's approval.
4/28/2009 15:31 PK	4/28/2009 4/28/2009	Daily Inspection	PK	PERFORMED see notes	1. Per request of contractor, I met with foreman (Neil) on site. 1a. Underground contractor will start working on 5/4/09. Material submittal has not been received. I told him contractor can not start working without approval of the material submittal. 2. OC Jones continued rough grading work. 2a. Silt fence around the job site and drain inlet BMP SE 10 work are satisfactory. 2b. Contractor will install fiber rolls before winter season. This is acceptable.
5/1/2009 16:02 PK	4/29/2009 4/29/2009	Daily Inspection	PK	PERFORMED see notes	1. I received material submittals for underground work. I started reviewing it.
5/1/2009 16:04 PK	4/30/2009 4/30/2009	Daily Inspection	PK	PERFORMED see notes	1. I finished reviewing submittals and e-mailed comments to contractor. 1a. Drawing dose not show backflow preventer. I informed Saber Sawary that backflow preventer should be installed. He will take care of this issue.
5/4/2009 15:22 PK	5/4/2009 5/4/2009	Daily Inspection	PK	PERFORMED see notes	1. Per request of contractor, I went to site and met with Peak Co's super (subcontractor for underground work). He will send me new submittals which were rejected. I answered his questions. Contractor will start working on 5/11/09. 2. General contractor placed 4" rocks on entrance of job site per plan.
5/6/2009 07:46 PK	5/5/2009 5/5/2009	Daily Inspection	PK	PERFORMED see notes	1. I received material submittals for underground work. 1a. I started reviewing them.
5/6/2009 15:31 PK	5/6/2009 5/6/2009	Daily Inspection	PK	PERFORMED see notes	1. I finished reviewing submittals, which were submitted yesterday. 2. The submittals were mailed to Segue Co and Peak co.
5/8/2009 07:34 PK	5/7/2009 5/7/2009	Daily Inspection	PK	PERFORMED see notes	1. OC Jones continued grading work.
5/11/2009 07:50 PK	5/8/2009 5/8/2009	Daily Inspection	PK	PERFORMED see notes	1. OC Jones Co. continued grading work.

INSPECTION ACTIVITY REPORT

5/12/2009 07:55 PK	5/11/2009 5/11/2009	Daily Inspection	PK	PERFORMED see notes	1. Per request of contractor, I went to site to inspect underground work. 1a. Super told me he is not ready for underground work today. He asked me to check materials for underground work tomorrow afternoon. 2. OC Jones continued grading work.
5/12/2009 16:04 PK	5/12/2009 5/12/2009	Daily Inspection	PK	PERFORMED see notes	1. Peak Co for underground work brought SDR 26 pipes and fittings. 1a. I saw two labors cleaning drain inlets.
5/13/2009 15:51 PK	5/13/2009 5/13/2009	Daily Inspection	PK	PERFORMED see notes	1. Contractor continued grading work. 2. Peak Co started installing 12" PVC storm pipes. 1a. Trench was benched. I told foreman and super of general contractor that removed soil should be at least 10 feet away from trench for safety. 1b. Class 1 permeable was used for bedding (6") and initial backfilling (6"). And native soil was placed over permeable per approved detail.
5/15/2009 11:21 PK	5/14/2009 5/14/2009	Daily Inspection	PK	PERFORMED see notes	1. Contractor continued installing 12" SDR 26 pipes for storm drain. 1a. Removed soil was placed too close to trench. Per my request, contractor pushed the soil 10 feet away from the trench. I informed general contractor of this. 1b. Class 1 permeable was place on bedding and over pipes per plan. And native soil was placed over class 1 permeable. I asked general contractor to have compaction test. 2. General contractor (Neil Oossterbaan), Peak Eng (Mike) and I had a meeting. There were conflicts between job specs and city specs. General contractor submitted a letter regarding the issues. I prepared letter for the issues, Saber signed it, it was faxed to general contractor.
5/15/2009 11:34 PK	5/15/2009 5/15/2009	Daily Inspection	PK	PERFORMED see notes	1. Contractor continued installing 12" SDR 26 storm drain pipes. 1a. Working method was satisfactory. 2. General contractor (Neil Oosterbaan and Jim Feely), Peak Eng (Mike) and I had meeting regarding underground materials (see attached sheets). 2a. Jim called project design engineer and project owner. 2b. Jim will arrange a meeting with city (Paul Willis), design engineer and the owner to resolve the issues.
5/19/2009 07:40 PK	5/18/2009 5/18/2009	Daily Inspection	PK	PERFORMED see notes	1. Contractor continued installing storm pipes. 1a. Construction method was same as before. 1a. Soils engineer gave compaction tests. 2. Contractor for joint trench started working on Farm Hill Blvd (jurisdiction of Town of Woodside). Super showed me permit from Town of Woodside.
5/20/2009 07:27 PK	5/19/2009 5/19/2009	Daily Inspection	PK	PERFORMED see notes	1. Contractor continued installing storm pipes. 1a. Soils engineer gave compaction tests. 1b. Construction method was same as before.
5/21/2009 07:20 PK	5/20/2009 5/20/2009	Daily Inspection	PK	PERFORMED see notes	1. Contractor continued storm drain pipe installation. 1a. Construction method was same as before. 1b. Soils engineer gave compaction tests.
5/22/2009 07:23 PK	5/21/2009 5/21/2009	Daily Inspection	PK	PERFORMED see notes	1. Contractor continued installing storm pipes and sewer pipes. Construction method was same as before. 2. Contractor started trenching at hill area. 2a. I showed foreman and super (Neil Oosterbaan) city detail W-19.

INSPECTION ACTIVITY REPORT

5/22/2009 15:26 PK	5/22/2009 5/22/2009		Daily Inspection	PK	PERFORMED see notes	1. Contractor continued installing storm and sewer pipes. Construction method was same as before. 2. Contractor installed sewer pipes at hill area. 2a. I faxed city standard regarding trench stabilizing method at hill area (W-19). I asked contractor to have design engineer check the site.
5/27/2009 07:39 PK	5/25/2009 5/25/2009		Daily Inspection	PK	PERFORMED see notes	Holiday. No work.
5/27/2009 07:41 PK	5/26/2009 5/26/2009		Daily Inspection	PK	PERFORMED see notes	1. Contractor continued installing sewer pipes. Construction method was same as before. 1a. Contractor stopped installing sewer pipes at Hill area. Contactor's geotechnical engineer and design engineer will make trench detail for this area.
5/28/2009 07:32 PK	5/27/2009 5/27/2009		Daily Inspection	PK	PERFORMED see notes	1. Contractor continued installing storm and sewer pipes. Construction method was same as before. 1a. Contractor did not work at Loop Road today. 2. Contractor will follow trench detail of Geotechnical engineer for sewer line at hill area.
5/29/2009 07:10 PK	5/28/2009 5/28/2009		Daily Inspection	PK	PERFORMED see notes	1. Contractor continued installing storm and sewer pipes (SDR 26). 1a. Compaction tests were given. 1b. Contractor did not work on roadway. 2. I gave hydrant clearance requirement of CA disabled accessibility guide book to contractor.
5/29/2009 13:08 PK	5/29/2009 5/29/2009		Daily Inspection	PK	PERFORMED see notes	1. Contractor continued installing storm pipes and sewer pipes (SDR 26). 1a. Construction method was same as before. 2. I am on vacation from 6/1/09 through 6/5/09. 2a. I made a list of issues and gave it to Terrence Lewis, who will inspect the work during my vacation. Also, I explained to him about project on the job site.
6/4/2009 08:13 TL	6/1/2009 6/1/2009	AM AM	Daily Inspection	TL	PERFORMED See Notes	6-1-09 Canada College Segue Construction Neil Oosterbaan Reviewed work progress Contractor Peak Engineering Continuing to trench and place storm drain Inspected and reviewed submittal on domestic water (DW) and Fire Water (FW)
6/4/2009 08:21 TL	6/2/2009 6/2/2009	AM PM	Daily Inspection	TL	PERFORMED See Notes	6/2/09 Canada College Segue Contractor Peak Engineering Contractor trenching for water line both Fire (FW) and Domestic Water (DW) Contractor trenched 30 inches widr 30 inch deep Contractor also trench for storm drain Placed C-900 Class 200 pipe Poured Kickers 6 locations
6/4/2009 08:56 TL	6/3/2009 6/3/2009	AM PM	Daily Inspection	TL	PERFORMED See notes	6-3-09 Canada College Project Managers Segue Contractor Peak Engineering Contractor continued working on Water Lines and Storm lines Contractor was notified as well as Project Manager that trench detail not being followed Fire water FW is to be placed min 12 below domestic water DW. FW is actually clocer to the surface (above DW) PM will discuss with Contractor.

City of Redwood City

INSPECTION ACTIVITY REPORT

6/8/2009 06:45 TL	6/4/2009 6/4/2009	AM PM	Daily Inspection	TL	PERFORMED See Notes	6/4/09 Canada College Segue Const PEAK Engineering Contractor continued working on the Domestic Water, Fire Water and Storm Plan was to pour additional kickers delayed until Friday 6/5/09
6/8/2009 06:50 TL	6/5/2009 6/5/2009	AM PM	Daily Inspection	TL	PERFORMED See Notes	6/5/09 Canada College SEGUE Const PM PEAK Engineering Sub Contractor underground Continue working on Water (Domestic & Fire Water) Storm Drainage Giacalone on site setting stages for corner of Building 2 (North) Conco Concrete to be on site start laying out concrete footing forms/pad work Monday Poured kickers late on Friday for Domestic Water and Fire Water
6/8/2009 06:58 TL	6/6/2009 6/6/2009	AM PM	Daily Inspection	TL	PERFORMED See Notes	6/6/09 Canada College Segue Const PM PEAK Construction Back filled storm, and bedding of some water line Continued working on Storm drain and some water lines.
6/9/2009 06:25 TL	6/8/2009 6/8/2009	AM PM	Daily Inspection	TL	PERFORMED See Notes	6-8-09 Canada College Segue Const-Project Management PEAK Engineering Contractor Peak continue working on the placement of Fire Water Piping, Domestic Water Piping, Storm Drain Lines. Giacalone Utility Contractor On site starting to work on Joint Trench CONOCO Concrete On site to start work on forming for concrete Soils Engineer on site to test compacture
6/9/2009 15:35 PK	6/9/2009 6/9/2009		Daily Inspection	TL	PERFORMED see notes	1. I came back form vacation. 2. PEAK co continued installing water main pipes. 2a. C900 class 200 pipes, epoxy coated fittings, class 1 permeable and locating wires were used per detail.
6/11/2009 07:30 PK	6/10/2009 6/10/2009		Daily Inspection	PK	PERFORMED see notes	1. PEAK co. continued installing water pipes. 2. I started reviewing underground submittal and will return my comments to contractor.
6/9/2009 15:33 PK	6/11/2009 6/11/2009		Daily Inspection	PK	PERFORMED see notes	1. PEAK co continued installing water main.
6/17/2009 07:21 PK	6/12/2009 6/12/2009		Daily Inspection	PK	PERFORMED see notes	1. Contractor continued installing water line pipes.
6/17/2009 07:22 PK	6/15/2009 6/15/2009		Daily Inspection	PK	PERFORMED see notes	Contractor continued installing water line pipes.
6/17/2009 07:22 PK	6/16/2009 6/16/2009		Daily Inspection	PK	PERFORMED see notes	Contractor continued installing water line pipes.
6/22/2009 07:43 PK	6/17/2009 6/17/2009		Daily Inspection	PK	PERFORMED see notes	Contractor continued installing water pipes.

INSPECTION ACTIVITY REPORT

6/22/2009 07:45 PK	6/18/2009 6/18/2009	Daily Inspection	PK	PERFORMED see notes	1. Contractor installed pipes at Loop Rd.
6/22/2009 07:47 PK	6/19/2009 6/19/2009	Daily Inspection	PK	PERFORMED see notes	1. Contractor dug trench at Loop Rd. 1a. Today pipes were not installed. Steel plates were placed over the trench for safety. 2. I met with Mike (super of PEAK construction) on site. He and I agreed to following methods. 2a. Tapping will be performed on 6/24/09. 2b. Tapping area will be physically separated from new pipes. 2c. After pressure test and bacteriological test pass, tie-in will be performed.
6/23/2009 07:04 PK	6/22/2009 6/22/2009	Daily Inspection	PK	PERFORMED see notes	1. Per request of contractor, I went to site. 2. Contractor installed water pipes up to tapping area. 2a. The pipes were not physically connected to tapping sleeve. 2b. Contractor asked me to give water pressure test tomorrow. 2c. Steel plates were placed over the trench on Loop Rd.
6/24/2009 07:25 PK	6/23/2009 6/23/2009	Daily Inspection	PK	PERFORMED see notes	1. Water pressure test passed (150 psi, no leak). 2. Contractor flushed the water line and spread water on working area (not storm or not sewer system). 3. Bennet Marine Co took 5 water samples. I witnessed the work. 4. 12" tapping sleeve (316 SS) and gate valve was installed. Tomorrow tapping work will be done.
6/24/2009 15:49 PK	6/24/2009 6/24/2009	Daily Inspection	PK	PERFORMED see notes	1. PEAK Co hired DC tapping co for water tapping work. 1a. 80 psi air test passed. 1b. Tapping work was done. 2. PEAK co poured concrete on thrust block for tapping sleeve. 2% calcium was added for early curing. 3. PEAK co continued cleaning storm boxes.
6/26/2009 07:16 PK	6/25/2009 6/25/2009	Daily Inspection	PK	PERFORMED see notes, see attachment	1. Bacteriological water sample test passed. I received the report from lab. 2. Contractor performed tie-in work at 12" tapping location. The work was satisfactory. 3. After tying work, the water line was flushed through fire hydrants. 3a. Contractor and super of Segue Co made sure all fire hydrants are open.
6/29/2009 07:34 PK	6/26/2009 6/26/2009	Daily Inspection	PK	PERFORMED see notes	1. PEAK Co paved trenches of sewer line and water line on Loop Road. 2. I emailed Rebecca (fire inspector) status of water and fire line.
6/30/2009 15:27 PK	6/29/2009 6/29/2009	Daily Inspection	PK	PERFORMED see notes	PEAK co fixed sewer lines and prepared air tests.
6/30/2009 15:29 PK	6/30/2009 6/30/2009	Daily Inspection	PK	PERFORMED see notes	1. I went to site for air tests per request of contractor. 2. Contractor was not ready for air tests. 3. Contractor continued preparing air tests.
7/2/2009 07:18 PK	7/1/2009 7/1/2009	Daily Inspection	PK	PERFORMED see notes	1. I gave sewer air tests. Test of all five sections passed.
7/2/2009 14:41 PK	7/2/2009 7/2/2009	Daily Inspection	PK	PERFORMED see notes	PEAK Co adjusted storm line to grade and cleaned storm pipes.
7/8/2009 07:50 PK	7/3/2009 7/3/2009	Daily Inspection	PK	PERFORMED see notes	Holiday - no work
7/8/2009 07:51 PK	7/6/2009 7/6/2009	Daily Inspection	PK	PERFORMED see notes	Grading work only.
7/8/2009 07:53 PK	7/7/2009 7/7/2009	Daily Inspection	PK	PERFORMED see notes	1. Subcontractor, O'Grady Co, performed grading work.
7/8/2009 15:30 PK	7/8/2009 7/8/2009	Daily Inspection	PK	PERFORMED see notes	1. Grading work only. 2. Contractor dug trench for street light. The work is part of building plan per Paul Willis. I asked super to call building dept for inspection.

INSPECTION ACTIVITY REPORT

8/3/2009 07:41 PK	7/31/2009 7/31/2009	Daily Inspection	PK	PERFORMED see notes	1. Per request of contractor, I went to site. 2. Conco Co started curb and gutter form work. Super asked me to inspect the form work on 8/4/09. 2. Super of General contractor, Neil, gave me concrete mix design. 2a. The design shows 4 sacks concrete. City standard is 6 sacks. Plan and specs specifies 4 sacks concrete. He called BKF design engineer. The engineer said 4 sacks concrete is enough. 2a. Saber Sarwary (engineering manager) was informed of this. I asked him to give me the decision by 8/4/09.
8/4/2009 07:46 PK	8/3/2009 8/3/2009	Daily Inspection	PK	PERFORMED see notes	Engineering manager, Saber, Sawary, approved 4 sack concrete.
8/6/2009 07:23 PK	8/5/2009 8/5/2009	Daily Inspection	PK	PERFORMED see notes	1. Per request of contractor, I checked form work of curb and gutter. The work was satisfactory. Tomorrow concrete will be poured.
8/7/2009 07:18 PK	8/6/2009 8/6/2009	Daily Inspection	PK	PERFORMED see notes	Concrete was poured on curbs and gutters.
8/10/2009 07:40 PK	8/7/2009 8/7/2009	Daily Inspection	PK	PERFORMED see notes	1. Contractor performed form work for curb and gutter. The work was satisfactory. Concrete will be poured on 8/10/09.
8/14/2009 07:34 PK	8/13/2009 8/13/2009	Daily Inspection	PK	PERFORMED see notes	1. Per request of contractor, I went to the site. Conco Co (sub for concrete work) installed form of curb and gutter. The work is satisfactory.
8/19/2009 15:10 PK	8/18/2009 8/18/2009	Daily Inspection	PK	PERFORMED see notes	1. Conco Co continued form work of curb and gutter. Tomorrow I will check the work.
8/19/2009 15:12 PK	8/19/2009 8/19/2009	Daily Inspection	PK	PERFORMED see notes	1. Conco Co continued form work of curb and gutter. The work was satisfactory.
8/20/2009 14:23 PK	8/20/2009 8/20/2009	Daily Inspection	PK	PERFORMED see notes	Concrete was poured on curb and gutter.
9/22/2009 08:04 PK	9/21/2009 9/21/2009	Daily Inspection	PK	PERFORMED see notes	1. Per request of contractor I went to site. Super and I checked NPDES work. He will finish the work by 10/15/09. 2. He asked me to postpone rock placing at entrance until first week of November. I said no. I asked him to follow the drawings.
10/13/2009 11:17 PK	10/12/2009 10/12/2009	Daily Inspection	PK	PERFORMED see notes, STOPPP	1. Building construction work only. 2. STOPPP work was not complete. It will rain tomorrow. 2a. I will check the work tomorrow again.
10/13/2009 11:20 PK	10/13/2009 10/13/2009	Daily Inspection	PK	PERFORMED see notes, STOPPP	1. It rained. 2. No work today. I was not able to find contractor. 3. Gate was closed. No cars can not enter the site. 4. STOPPP work was not complete. 4a. I did not see any erosion or dirty water into storm system.
10/15/2009 07:46 PK	10/14/2009 10/14/2009	Daily Inspection	PK	PERFORMED see notes, STOPPP	1. Building construction only. 2. Contractor hired subcontractor for STOPPP work. 2a. Contractor installed fiber rolls around job site. The work was satisfactory.
7/14/2010 07:26 PK	7/13/2010 7/13/2010	Daily Inspection	PK	PERFORMED see notes	1. I met with new super (Frank DeMello, 510-812-6422) on site. 1a. Subcontractors for engineering work left job site in October, 2009. 1b. Super asked me to give punch list to him. 1c. Tomorrow I will be on site to make a punch list and check status of the project.

INSPECTION ACTIVITY REPORT

7/15/2010 07:37 PK	7/14/2010 7/14/2010	Daily Inspection	PK	PERFORMED see notes	1. In the morning I went to the site to inspect catch basins, manholes, meters and G-5 boxes (underground work). 1a. Contractor was not ready to have inspections. 1b. I gave drawings to contractor and asked him to check first. 1c. When he is ready, he will call me to inspect them.
7/15/2010 15:09 PK	7/15/2010 7/15/2010	Daily Inspection	PK	PERFORMED see notes	1. Account was closed. I am not able to charge my time to project. Paul Willis was informed of this. 2. Contractor continued checking utility boxes.
7/28/2010 13:27 PK	7/26/2010 7/26/2010	Daily Inspection	PK	PERFORMED see notes	1. Peter V (city engineer) asked me to checked location of Recreation building. 1a. Resident complained about the location. 1b. Per rough check, the location was OK. 1c. I recommend surveyor should verify the location. Peter V was informed of this. 1d. Developer was aware of this issue.
8/12/2010 08:19 PK	8/11/2010 8/11/2010	Daily Inspection	PK	PERFORMED see notes	1. Per request of contractor, I went to site. 1a. Contractor asked me to come back on Friday, 8/13/10 to check the work. 2. Contractor and building inspector (Christine) asked me to sign for temporary occupancy permit. 2a. I do not have any objection. Paul Willis was informed of this. 3. Engineering balance for this project is zero. I asked him how to charge my time. He did not give me answer.
8/13/2010 15:50 PK	8/13/2010 8/13/2010	Daily Inspection	PK	PERFORMED see notes	1. Contractor and I checked all utility boxes. 1a. Unsatisfactory items are marked on the drawing. 1b. When contractor fixes the problems, he will call me to check them again. 2. Paul Willis told me I have to charge my time to general engineering (not to the project).
8/17/2010 08:11 PK	8/16/2010 8/16/2010	Daily Inspection	PK	PERFORMED see notes	1. I inspected again to make a punch list. 2. A draft punch list was sent to Paul Willis (engineering).
9/8/2010 15:58 PK	9/8/2010 9/8/2010	Daily Inspection	PK	PERFORMED see notes	1. Per request of contractor, I went to the site. 1a. I gave punch list work inspection. 1b. Location of STOP sign was decided.
9/14/2010 11:46 PK	9/13/2010 9/13/2010	Daily Inspection	PK	PERFORMED see notes	1. I gave punch list work inspection. Contractor was aware of status of punch list.

Section 4.5

Copies of Inspection Notes/Records/Forms

for

Construction Site Stormwater Runoff Quality Inspections

Conducted from 12/1/2009 through 3/1/2011

579 CALIFORNIA WAY

Submittal to Regional Water Quality Control Board
From Redwood City
May 13, 2011

SAN MATEO COUNTY/CITIES
Water Pollution Prevention Program

CONSTRUCTION SITE INSPECTION REPORT

1. Inspection Date: 1-21-10 1a. Current weather conditions: RAIN 1b. Rainfall with runoff since last inspection? ☐ Yes ☒ No
2. Name of Project: _____ 2a. Project No./Permit No. B05-1345
3. Project Location: 579 CALIFORNIA WAY
4. Inspection Type: ☒ Routine ☐ Pre-Rain ☐ During Rain ☐ After Rain ☐ Follow-up ☐ Other
5. Permit Type: ☒ Building Permit ☐ Grading Permit ☐ Site Development ☐ CIP Project
6. Project disturb 1 acre or more?: NO (yes/no) NOI Required: NO (yes/no) SWPPP dated ___/___/___
   Project covered under Statewide General Construction Activity Permit? YES (yes/no) SWPPP on site? YES (yes/no)
7. High Priority Site (significant threat to water quality)? YES (yes/no)
   NOTE: Sites disturbing 1 acre or more AND High Priority Sites require monthly inspections during the wet season.
8. Project Type: ☐ Commercial/Industrial ☒ Residential ☐ Street Improvement ☐ Landscaping ☐ Utility (water,sewer, PG&E) ☐ Grading ☐ Demolition ☐ Other

9. Erosion Control Measures:

☐ Jute Netting / Fiber Blankets	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Mulch	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Hydroseed/Soil Binder/Compost Blanket	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Mark Areas to be Preserved	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Tree Protection Fencing	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Riparian Area Barrier	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable

10. Sediment Control Measures

☒ Wattles / Fiber Rolls /Compost Socks	☐ Adequate	☒ Requires Maintenance	☒ Non-Compliant	☐ Not Applicable
☐ Silt Fences / Compost Berms	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Sedimentation Basin	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Intlet filters (Bags, sand, gravel)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Dust Control	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Stabilized construction entrance	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Check Dams	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Street Sweeping	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Earth Dikes / Drainage Swales	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable

11. Run-on and Runoff Control

☐ Earth Dikes / Drainage Swales	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Sampling is conducted, if required	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable

12. ☐ Active Treatment System (if any) ☐ Adequate ☐ Requires Maintenance ☐ Non-Compliant ☐ Not Applicable
    ☐ Comments: _____

13. Good Site Management

☐ Construction Materials (wood,cement,etc)	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Petroleum Products (oil, fuel)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Hazardous materials (paint,solvents)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Waste Systems Management	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Soil Stockpiles	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Vehicle Servicing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable

14.

☐ Concrete washout area	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Other: _____	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable

15. Are the discharge points free of any evidence of illicit discharge? ☒ Yes ☐ No Comments: _____

16. **Enforcement/Follow-Up** Date problem first identified: 1-21-10 Next follow-up inspection date: 1-25-10
    Comments: problems Fixed WATTLES Added -
    Enforcement: ☐ None/In Compliance ☒ Verbal Notice ☒ Notice to Comply ☐ Notice of Violation ☒ Stop Work ☐ Administrative Fine

17. Resolution: ☒ Problem Fixed ☐ Need More Time ☐ Escalate Enforcement ☐ Date resolved: 1-25-10
    Was there rain with runoff after problem identified and before resolution? ☐ Yes ☒ No

18. Inspector's Signature: Michael Wayne Cy Tschell Date: _____
19. Name of Project Manager (Print) _____ Phone Number _____
    Signature of Project Manager _____ Date: _____

Updated December 2009

RB

SAN MATEO COUNTYWIDE
Water Pollution
Prevention Program

CONSTRUCTION SITE INSPECTION REPORT

1. Inspection Date: 3-2-10 1a. Current weather conditions: Showers 1b. Rainfall with runoff since last inspection? ☒ Yes ☐ No
2. Name of Project: 2a. Project No./Permit No. B05-1345
3. Project Location: 579 California Way
4. Inspection Type: ☒ Routine ☐ Pre-Rain ☐ During Rain ☐ After Rain ☒ Follow-up ☐ Other
5. Permit Type: ☒ Building Permit ☐ Grading Permit ☐ Site Development ☐ CIP Project
6. Project disturb 1 acre or more?: NO (yes/no) NOI Required: NO (yes/no) SWPPP dated ___/___/___
Project covered under Statewide General Construction Activity Permit? no (yes/no) SWPPP on site? YES (yes/no)
7. High Priority Site (significant threat to water quality)? YES (yes/no)
NOTE: Sites disturbing 1 acre or more AND High Priority Sites require monthly inspections during the wet season (from Oct. 1 thru April 30).
8. Project Type: ☐ Commercial/Industrial ☒ Residential ☐ Street Improvement ☐ Landscaping ☐ Utility (water,sewer, PG&E) ☐ Grading ☐ Demolition ☐ Other

9. Erosion Control Measures:					
☒ Jute Netting / Fiber Blankets	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Mulch	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Hydroseed/Soil Binder/Compost Blanket	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Mark Areas to be Preserved	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☒ Tree Protection Fencing	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Riparian Area Barrier	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
10. Sediment Control Measures				
☒ Wattles / Fiber Rolls /Compost Socks	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Silt Fences / Compost Berms	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☒ Sedimentation Basin	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Intlet filters (Bags, sand, gravel)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Dust Control	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Stabilized construction entrance	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Check Dams	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☒ Street Sweeping	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Earth Dikes / Drainage Swales	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
11. Run-on and Runoff Control				
☐ Earth Dikes / Drainage Swales	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Sampling is conducted, if required	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
12. ☐ Active Treatment System (if any)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Comments:				
13. Good Site Management				
☒ Construction Materials (wood,cement,etc)	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Petroleum Products (oil, fuel)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Hazardous materials (paint,solvents)	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Waste Systems Management	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Soil Stockpiles	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Vehicle Servicing	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
14. Non-Stormwater Management				
☒ Concrete washout area	☒ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable
☐ Other:	☐ Adequate	☐ Requires Maintenance	☐ Non-Compliant	☐ Not Applicable

15. Are the discharge points free of any evidence of illicit discharge? ☐ Yes ☐ No Comments:

16. **Enforcement/Follow-Up** Date problem first identified: N/A - Next follow-up inspection date:
Comments: No Problems
Enforcement: ☐ None/In Compliance ☐ Verbal Notice ☐ Notice to Comply ☐ Notice of Violation ☐ Stop Work ☐ Administrative Fine

17. Resolution: ☐ Problem Fixed ☐ Need More Time (include rationale in comments) ☐ Escalate Enforcement ☐ Date resolved: ___/___/___
N/A Was there rain with runoff after problem identified and before resolution? ☐ Yes ☐ No

18. Inspector's Signature: Rick Bellows by [illegible] Date:
19. Name of Project Manager (Print) Phone Number:
Signature of Project Manager Date:

Updated March 2010

City of Redwood City

INSPECTION ACTIVITY REPORT

Permit No. B05-1345 **Site Address** 579 CALIFORNIA WAY

Applied 7/20/2005 **Applicant** Herring and Worley Inc **Lot** 6097
Approved 5/18/2009 **Owner** George Bechwati **Block** 221
Issued 5/18/2009 **Contractor** **Tract** 0
Parent Permit No. **Description** Construct new Single Family With Attached Garage
Notes Environmental Review for a new SFR on a 43 6% slope lot Assocaited PD and AP

Requested Time / By	Scheduled Completed	Inspection Type	Inspector	Result Remarks	Notes
	7/21/2005 AM 7/21/2005 11:23	Pre-site	FH	INVESTIGATE Plans in tube #343	lotts of trees in lots plans look acreat
7/6/2009 15:52 JJS1	7/7/2009 AM 7/7/2009 3:56	Temp Service	CL	APPROVED	ok, owner states pg&e already approved location thru tree Temp pole tagged & faxed
9/30/2009 07:56 CCRW	9/30/2009 PM 9/30/2009 PM	Forms/Footing	RB	NOT READY need letter from eng	
9/30/2009 16:05 LA1	10/1/2009 AM 10/1/2009 AM	Forms/Footing	RB	APPROVED see notes	(10/1/2009 16:55 RB) forms & steel @ ftg / retaining wall @ rear section ; marked on plan
9/30/2009 16:05 LA1	10/1/2009 AM	Rough Framing	RB	VOIDED (RB 10/1/2009)	
10/8/2009 14:53 GAS	10/9/2009 AM 10/9/2009 AM	Grading /Drainage	RB	APPROVED see notes	(10/9/2009 15:20 RB) drain pipe , gravel , fabric , mira-drain @ 1st pour ok ok to backfill
10/21/2009 17:12 JJS1	10/23/2009 AM 10/23/2009 AM	Forms/Footing	RB	APPROVED forms & steel as marked	
10/28/2009 16:50 JJS1	10/29/2009 AM 10/29/2009 AM	Grading /Drainage	RB	APPROVED see notes	(10/29/2009 17:08 RB) drain pipe & mira-drain @ 1st level , ok to backfill
11/3/2009 09:59 NIL	11/4/2009 PM 11/4/2009 PM	Concrete Wall	RB	APPROVED forms & steel as marked	
11/20/2009 09:34 NIL	11/20/2009 AM 11/20/2009 AM	Masonry Wall	JJS	APPROVED see notes	(11/20/2009 09:36 NIL) Janet had left a voicemail on the 7350 line 11/19/09 @ 4:16pm and did not make it in the schedule Jerry will go out and inspect (11/20/2009 11:10 JJS1) looked at walls for upper and lower terrance marked on plans ok
11/20/2009 13:00 NIL1	11/23/2009 PM 11/23/2009 PM	Forms/Footing	RB	APPROVED steel @ 2nd lift @ driveway	
1/21/2010 15:42 FH1	1/22/2010 AM 1/21/2010 AM	STOPPP Inspection	MW	PERFORMED stop work till stopppp is 100%	
3/4/2010 16:40 RB	3/2/2010 PM 3/2/2010 PM	STOPPP Inspection	RB	INVESTIGATE site inspection , appears ok	
6/1/2010 17:14 JJS1	6/2/2010 PM 6/2/2010 3:40	Forms/Footing	CL	NOT READY	need eng letter first
	6/3/2010 AM 6/3/2010 AM	Forms/Footing	RB	APPROVED see notes	(6/4/2010 07:15 RB) forms & steel @ lower driveway retaining wall ok need letters ; eng & survey
6/4/2010 07:17 RB	6/4/2010 AM 6/4/2010 AM	Forms/Footing	RB	CORRECTIONS need ENG letter	
6/5/2010 09:24 RB	6/7/2010 AM 6/7/2010 AM	Forms/Footing	RB	APPROVED notes	(6/7/2010 15:45 RB) forms & steel @ lower retaining wall ok need letter from engineer ; ok to pour / shotcrete
7/16/2010 11:56 MW1	7/19/2010 PM 7/19/2010 PM	Forms/Footing	RB	APPROVED see notes	(7/19/2010 17:02 RB) 3rd lift @ upper driveway retaining wall steel ok , ok to shot-crete

CRW SYSTEMS

City of Redwood City

INSPECTION ACTIVITY REPORT

7/19/2010 17:04 RB	7/20/2010 AM 7/20/2010 AM	Forms/Footing	RB	APPROVED met w/ eng inspector on site		
8/20/2010 11:43 RY	8/20/2010 AM 8/20/2010	Forms/Footing	RY	APPROVED as per plan		
9/20/2010 09:15 NIL	9/22/2010 AM 9/22/2010 AM	Slab	CL	APPROVED New detail, K Yoon approved, placed in		
10/27/2010 06:58 SCN	10/27/2010 PM 10/27/2010 PM	Other	RB	APPROVED see notes	(10/27/2010 4:49 PM RB) u/g utility trench ; elec conduit , gas pipe , water & fdc piping test ok ok to backfill	
10/26/2010 14:27 NIL	10/28/2010 PM 10/28/2010 PM	Forms/Footing	RB	APPROVED see notes	(10/28/2010 4:53 PM RB) forms & steel @ garage walls , stairs , slabs ok letter from engineer	
11/9/2010 15:05 JJS	11/10/2010 PM 11/10/2010 PM	Sewer	CL	PARTIAL APPRC see notes	(11/10/2010 5:17 PM CL) Fused sewer pipe from garage down long driveway to street COntrwactor to add in C/O (100 ft) Dainage line also in Contractor wants to cover driveway No running test at this time	
11/22/2010 16:08 RB	11/23/2010 PM 11/23/2010 PM	Forms/Footing	RB	APPROVED see notes	(11/23/2010 4:31 PM RB) forms & steel @ int & ext slabs ok marked on plan ; 2nd & 3rd flr	
3/22/2011 17:21 JJS	3/23/2011 AM 3/23/2011	Roof Nail	FH	APPROVED		
3/23/2011 06:46 MW	3/23/2011 AM 3/23/2011	Roof Nail	FH	APPROVED		
4/21/2011 07:24 RB	4/21/2011 PM 4/21/2011 PM	Exterior Shear	RB	CORRECTIONS see notes	(4/22/2011 7:30 AM RB) floor plan does not match approved plan shear panel not to sill plate @ rear HD's missing inspection stopped	
4/21/2011 07:24 RB	4/21/2011 PM 4/21/2011 PM	Rough Electric	RB	CORRECTIONS		
4/21/2011 07:24 RB	4/21/2011 PM PM	Rough Plmg	RB	CORRECTIONS		

From: Selina Louie
To: Marilyn Harang; pwillis@redwoodcity.org
CC: Dale Bowyer; Matt Fabry; Sue Ma
Date: 4/28/2011 12:51 PM
Subject: Follow-up to Yesterday's Teleconference

Hi Marilyn and Paul,

This summarizes our teleconference yesterday regarding the City's response to the C.6. NOV dated April 15, 2011 and also provide further guidance for the City's response.

Reason for NOV
In a letter dated January 4, 2011, we requested that Redwood City submit the data recorded for each inspection conducted during the 2009-2010 reporting year as required by Provision C.6.e.ii.(4) . Redwood City was one of the 18 Permittees randomly selected to submit this data.

The City's submittal in response to the January 4, 2011 request did not clearly show the following:
(1) Monthly inspections of all sites disturbing one or more acre of land from grading through the installation of permanent erosion control measures;
(2) Monthly inspections of all sites determined to be High Priority from grading through the installation of permanent erosion control measures;
(3) Collection of inspection data as required in Provision C.6.e.ii.(4), which includes problem(s) observed using Illicit Discharge and the six BMP categories listed in C.6.c.i. (Please refer to Provision C.6.e.ii.(4) for the complete list of data the City is required to collect during inspections); and
(4) Tracking of the data required in Provision C.6.e.ii.(4) in an electronic database or tabular format.

The City received an NOV based on our review of the C.6. tracking data that was required to be submitted in our January 4, 2011 letter. The City did not receive an NOV based on our review of its 2009-2010 Annual Report.

Water Board Staff Understanding from Teleconference
Based on our conversation yesterday:
(1) The City is still not collecting the inspection data as required by Provision C.6.e.ii.(4);
(2) The City is not inspecting its sites disturbing one or more acre of land and its High Priority sites from grading through the installation of permanent erosion control measures; and
(3) The City is still not tracking the inspection data collected in an electronic database or tabular format because it has yet to add the module to its Track It database.

Further Guidance for City's Response
Please limit the submittal of the City's information to the construction site stormwater runoff quality inspections conducted at its sites disturbing one or more acre of land and its High Priority sites from grading through the installation of permanent erosion control measures.

For the 2010-2011 construction inspection data, please sort by site and then by date.

Since the City has not added the module to its Track It database to track the inspection data collected during inspections, it would be to the City's benefit to use the Excel tabular format in the interim.

Closing
Please note that we have serious concerns about the City's compliance with its Stormwater Permit, Order No. R2-2009-0074 (MRP). The City did not develop and implement its Enforcement Response Plan (ERP) by April 1, 2010 as required in the MRP. In fact, the City did not finish its ERP until almost a year later, March 31, 2011. Now, it also appears that the City is still not implementing the inspection and tracking requirements in C.6., which took into effect December 1, 2009.

Should you have further questions, please email or call.

Regards,

Selina

Selina T. Louie
SF Bay Regional Water Quality Control Board
slouie@waterboards.ca.gov
(510) 622-2383

From: PWS-Marilyn Harang <MHarang@redwoodcity.org>
To: 'Selina Louie' <slouie@waterboards.ca.gov>
CC: '"Fabry, Matt"' <mfabry@ci.brisbane.ca.us>, Sue Ma <SMa@waterboards.ca.g...
Date: 6/6/2011 3:46 PM
Subject: NOTICE FOR VIOLATION - INDUSTRIAL AND COMMERCIAL BUSINESS INSPECTION PLAN, PROVISION C.4.
Attachments: Response to Notice of Violation R-CIWQS Place# 253956 (STL).pdf

Please find attached, the City's letter response to the subject Notice of Violation from the San Francisco Bay Regional Water Quality Control Board dated May 23, 2011, concerning the city's lack of an Industrial and Commercial Business Inspection Plan.
The City will submit our Industrial and Commercial Business Inspection Plan by June 30, 2011.

If you have additional questions or comments, please contact me.

.....Marilyn
Marilyn Harang, Public Works Superintendent
Wastewater Management Services
Public Works Services
1400 Broadway St
City of Redwood City, CA
v. 650.780.7477

Find street cleaning information for your house & neighborhood online at the
Community GIS: http://www.redwoodcity.org/gis/<http://pubgis.redwoodcity.org/communitygis/>
and view the 2011 Neighborhood Street Cleaning Calendar at:
http://www.redwoodcity.org/publicworks/streets/pdf/2011-RWC-Street-Cleaning-Schedule.pdf

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Office of the City Manager
Robert B. Bell

1017 Middlefield Road
Redwood City, CA 94063
(650) 780-7301
Fax (650) 780-7225

June 6, 2011

Mr. Bruce Wolfe, Executive Officer
San Francisco Bay Regional Water Quality Control Board
1410 Clay Street Suite 1400
Oakland, CA 94612
Attention: Selina Louie

SUBJECT: RESPONSE TO NOTICE FOR VIOLATION FOR FAILURE TO DEVELOP AND IMPLEMENT AN INDUSTRIAL AND COMMERCIAL BUSINESS INSPECTION PLAN PURSUANT TO PROVISION C.4. OF WATER BOARD ORDER NO. R2-2009-0074, MUNICIPAL REGIONAL STORMWATER NPDES PERMIT

Reference: CIWQS Place # 253956(STL)

Dear Mr. Wolfe:

This letter is in response to the subject Notice of Violation from the San Francisco Bay Regional Water Quality Control Board dated May 23, 2011, concerning the City's lack of an Industrial and Commercial Business Inspection Plan as required by Provision C.4.

The City is going through a very challenging transitional period due to budget cuts, staff reductions and staff retirements. The new MRP regulatory requirements imposed during this period adds another critical element to the City's restructuring efforts. Further, the MRP imposes new responsibilities, such as the Industrial and Commercial Business Inspection Plan. Traditionally, the City has contracted with San Mateo County Environmental Health to provide business and facility inspection services on behalf of the City, and it has worked well through the years.

As the City completes its restructuring and adapts to the reduced resources at our disposal, we continue to strive to maintain our operations in a responsive and efficient manner, including ensuring that the City meets its obligations to the new regulatory requirements under the Municipal Regional Stormwater Permit.

The City will submit our Industrial and Commercial Business Inspection Plan in compliance with Provision C.4. by June 30, 2011.

If you have additional questions or comments, please contact the City's San Mateo Countywide Water Pollution Prevention Program Technical Advisory Committee representative, Marilyn Harang who can be contacted at mharang@redwoodcity.org or (650) 780-7477.

Sincerely,

Robert B. Bell
City Manager

E-Copy: Matt Fabry, Program Coordinator, SMCWPPP
Dermot Casey, San Mateo County Environmental Health
Evan Boyd, Public Works Services Director
Elaine Costello, Manager, Building & Inspection Division
Marilyn Harang, Redwood City SMCWPPP TAC Representative

From: PWS-Marilyn Harang <MHarang@redwoodcity.org>
To: 'Selina Louie' <slouie@waterboards.ca.gov>
CC: '"Fabry, Matt"' <mfabry@ci.brisbane.ca.us>, Sue Ma <SMa@waterboards.ca.g...
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The City will submit our Industrial and Commercial Business Inspection Plan by June 30, 2011.

If you have additional questions or comments, please contact me.

.....Marilyn
Marilyn Harang, Public Works Superintendent
Wastewater Management Services
Public Works Services
1400 Broadway St
City of Redwood City, CA
v. 650.780.7477

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and view the 2011 Neighborhood Street Cleaning Calendar at:
http://www.redwoodcity.org/publicworks/streets/pdf/2011-RWC-Street-Cleaning-Schedule.pdf

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Office of the City Manager
Robert B. Bell

1017 Middlefield Road
Redwood City, CA 94063
(650) 780-7301
Fax (650) 780-7225

June 30, 2011

Mr. Bruce Wolfe, Executive Officer
San Francisco Bay Regional Water Quality Control Board
1410 Clay Street, Suite 1400
Oakland, CA 94612
Attention: Selina Louie

Subject: Submittal of Industrial and Commercial Business Inspection Plan

Dear Mr. Wolfe:

This letter and the attached Industrial and Commercial Business Inspection Plan (Inspection Plan) responds to your May 23, 2011 Notice of Violation concerning the City's lack of having prepared an Inspection Plan. Developing a written Inspection Plan is required by the municipal regional stormwater permit's (MRP) Provision C.4.b.

While the City did not have a written Inspection Plan until now, the City has had a long-established program for implementing stormwater inspections and follow up activities through the services provided under an Agreement with San Mateo County Environmental Health (County Environmental Health). County Environmental Health conducts stormwater inspections of businesses and public agency facilities that are hazmat facilities or retail food facilities. County Environmental Health typically relies on its hazmat and retail food facility enforcement authority to resolve stormwater problems at the businesses that it regulates. In addition, County Environmental Health coordinates with City staff when local assistance is needed to enforce stormwater requirements that exceed San Mateo County's enforcement authority.

The Inspection Plan recognizes that there are a few businesses not currently inspected by County Environmental Health that merit stormwater inspections. In the Inspection Plan these businesses are considered to be a lower priority for inspection than the hazmat and retail food facility businesses that are inspected by County Environmental Health at least every other year.

The business inspection lists included in the Inspection Plan will continue to be refined over the next couple of months based on continued review of County Environmental Health's list to cull out businesses that are actually located in the San Mateo County unincorporated area. In addition, County Environmental Health's list does not include all of the retail food facilities that County Environmental Health inspects. County Environmental Health's recordkeeping system only tracks businesses that are charged a stormwater fee, and when multiple food facilities

share a common dumpster area, only one business is charged the stormwater fee. An additional way of improving the inspection lists is to further evaluate whether the business or facility "could reasonably be considered to cause or contribute to pollution of stormwater runoff" (MRP's Provision C.4.b.ii).

The Inspection Plan includes the list of businesses and facilities that are scheduled for inspection in FY 2010/11. As required by the MRP, Redwood City's Annual Report for FY 2010/11 will include the list of businesses and facilities that are scheduled for inspection in FY 2011/12.

If you have any questions or comments, please contact the City's San Mateo Countywide Water Pollution Prevention Program Technical Advisory Committee representative, Marilyn Harang, who can be contacted at mharang@redwoodcity.org or (650) 780-7477.

Sincerely,

Robert B. Bell
City Manager

E-copy: Matt Fabry, Program Coordinator, SMCWPPP
Dermot Casey, San Mateo County Environmental Health
Elaine Costello, Manager, Building & Inspection Division
Marilyn Harang, Interim Public Works Services Director / Redwood City
SMCWPPP TAC Representative

INDUSTRIAL AND COMMERCIAL BUSINESS AND PUBLICLY-OWNED FACILITIES INSPECTION PLAN
CITY OF REDWOOD CITY

Date Originally Prepared: June 23, 2011
Date Last Updated: Not applicable

BACKGROUND

This industrial and commercial business and publicly-owned facilities inspection plan (Inspection Plan) serves as the city's prioritized inspection work plan that the city is implementing to comply with the municipal regional stormwater permit's (MRP) Provision C.4.b requirements. This MRP provision requires that an Inspection Plan be developed. The Inspection Plan's attached lists of businesses and facilities for inspection (Inspection Lists) were required to be submitted with the 2010 Annual Report. The MRP requires that updates to these Inspection Lists be submitted with the 2011 Annual Report and subsequent annual reports.

Municipal staff used the following steps to create this Inspection Plan and comply with the MRP. Steps 1 and 2 address MRP requirements for the Inspection Plan and Step 3 addresses compliance with MRP requirements for creating Inspection Lists that are included as attachments to the Inspection Plan.

Steps

1. Identify a method of establishing priorities for inspections and the frequency of inspections for each category of priority.
2. Describe the method that will be used to identify newly opened businesses that may need inspection.
3. Develop Inspection Lists that include:
    a. A list of all of the industrial and commercial businesses and publicly-owned facilities located within the municipality's jurisdiction that require stormwater inspections including an update or revision of the inspection lists starting in 2011;
    b. A determination of the priority for inspection of each business and facility; and
    c. Identification of businesses and facilities that are scheduled for inspection during the current fiscal year.

As described in the next sections, each of these steps was followed to develop this Inspection Plan.

STEP 1: IDENTIFY A METHOD OF ESTABLISHING PRIORITIES FOR INSPECTIONS AND FREQUENCY OF INSPECTIONS

What the MRP Requires

The MRP requires that each of the businesses to be inspected be assigned a priority for inspection based on "the potential for water quality impact using criteria such as pollutant sources on site, pollutants of concern, proximity to a waterbody, violation history of the facility, and other relevant factors" (Provision C.4.b.ii.(3)). In addition, the MRP requires that appropriate inspection frequencies be established based on the priority for inspection, "potential for contributing pollution to stormwater runoff" and be "commensurate with the threat to water quality" (Provision C.4.b.ii.(5)).

Further, the MRP requires: "A description of the process for prioritizing inspections and frequency of inspections" (Provision C.4.b.i.(2)).

Description of Prioritization Process and Assignment of Inspection Frequencies to Different Priorities

➔ Because the City of Redwood City relies upon County Environmental Health's (CEH) staff for conducting inspections of businesses and public agency-owned facilities, it uses CEH's priorities for inspecting hazmat and retail food facilities. CEH's priorities for inspection of businesses and public agency-owned facilities are based on applicable regulatory programs. These priorities are generally consistent with the MRP's requirement that Permittees establish stormwater inspection priorities based on the potential for water quality impact (Provision C.4.b.ii.(3).

These priorities are summarized as follows:

1. **Annual Stormwater Inspections.** Businesses/facilities that fall under the Certified Unified Program Agency Underground Storage Tank and Large Quantity Generators of hazardous waste programs are inspected annually. Large quantity generators of hazardous waste pose a greater risk of contributing pollutants to stormwater than small quantity generators.
2. **Every Two Year Stormwater Inspections.** Businesses that have coverage under the stormwater Industrial General Permit, are food facilities, or fall under a variety of other hazardous materials/wastes regulations are inspected every other year. These include businesses/facilities with Hazardous Materials Business Plans, generate Hazardous Wastes, have Above Ground Petroleum Storage Tanks covered by the Above Ground Petroleum Storage Tank Act, or are covered by California Accidental Release regulations.
3. **Every Five Year Stormwater Inspections.** The following types of businesses and facilities that cause or contribute to pollution of stormwater runoff and are not included in nos. 1 and 2 above will be inspected at least once every five years:
   a. Stone, tile, marble, and granite fabricators/cutters;
   b. Wholesale food preparers;
   c. Building materials and nursery retailers;
   d. Kennels;
   e. Non-city corporation yards;
   f. Mobile businesses, such as carpet cleaners, automotive detailers/fleet washers, and surface cleaners
   g. Demolition contractors; and
   h. Pet grooming businesses.

STEP 2: DESCRIBE METHOD THAT WILL BE USED TO IDENTIFY NEW BUSINESSES

What the MRP Requires

The MRP requires that the Inspection Plan have a "mechanism to include newly opened businesses that warrant inspection …" (Provision C.4.b.i.(2)).

Description of Method for Identifying New Businesses

➔ CEH has distributed to Redwood City and other cities its Hazardous Materials Notification Form for new businesses to complete in order to help CEH identify new businesses that may use hazardous materials and/or generate hazardous wastes. City staff understands that a similar form will be prepared for owners/operators of new retail food facilities to complete. The use of these forms should help to facilitate the process of identifying new businesses that warrant stormwater inspections.

In addition to information collected using the forms described above, Redwood City will annually review new additions to its business license list to identify businesses that merit stormwater inspections. Redwood City staff will evaluate which businesses warrant stormwater inspections by following the San Mateo Countywide Water Pollution Prevention Program's March 28, 2011

memorandum with the subject of "Guidance on Annual Process for Identifying Businesses and Facilities Needing Stormwater Inspections."

STEP 3: DEVELOP INSPECTION LISTS

This step includes the following three substeps associated with the development and maintenance of the Inspection Lists:

a. Develop lists of all of the industrial and commercial businesses and public agency-owned facilities that require inspections;
b. Determine the priority for inspection of each business on the Inspection Lists;
c. Identify businesses on the Inspection Lists that are scheduled for inspection during the current fiscal year.

What the MRP Requires

Develop a List of All Businesses/Facilities Requiring Inspection

The MRP requires that the Inspection Plan be used to maintain an Inspection List of industrial and commercial businesses "that could reasonably be considered to cause or contribute to pollution of stormwater runoff" (Provision C.4.b.ii).

In particular, the MRP lists the following types of businesses as needing to be inspected if they "have a reasonable likelihood to be sources of pollutants to stormwater and non-stormwater discharges:" (Provision C.4.b.ii(2))

1) Industrial facilities[1], as defined in 40 CFR 122.26(b)(14), including those subject to the State General NPDES Permit for Stormwater Discharges Associated with Industrial Activity;
2) Vehicle salvage yards;
3) Metal and other recycled material collection facilities, waste transfer facilities;
4) Vehicle mechanical repair, maintenance, fueling, or cleaning;
5) Building trades central facilities or yards, corporation yards, nurseries, and greenhouses;
6) Building material retailers and storage;
7) Plastic manufacturers; and
8) Other facilities designated by the city or Water Board as having a reasonable potential to contribute to pollution of stormwater runoff. The Water Board staff places a priority on inspecting retail food facilities, and these businesses should be included on the Inspection Lists if they "have a reasonable likelihood to be sources of pollutants to stormwater and non-stormwater discharges."

In addition, the MRP lists the following functional aspects of businesses that may produce pollutants when exposed to stormwater as part of the criteria for developing the Inspection List:

1) Outdoor process and manufacturing areas;
2) Outdoor material storage areas;
3) Outdoor waste storage and disposal areas;
4) Outdoor vehicle and equipment storage and maintenance areas;
5) Outdoor wash areas;
6) Outdoor drainage from indoor areas;
7) Rooftop equipment; and
8) Other sources determined by the city or Water Board to have a reasonable potential to contribute to pollution of stormwater runoff.

[1] The MRP appears to use the terms "facilities" and "businesses" interchangeably. This plan uses the term business for privately owned commercial enterprises and facilities for publicly-owned installations.

Establish Inspection Priority for Businesses on the Inspection List

The MRP requires that businesses that have a reasonable potential to pollute stormwater runoff be prioritized using factors listed in the MRP (Provision C.4.b.ii.(3).

Identify Businesses Scheduled for Inspection During the Current Fiscal Year

The MRP requires that the annual report include "the list of facilities scheduled for inspection during the current fiscal year" (Provision C.4.b.iii.(2).

Annual Updates

The MRP requires that the Inspection Lists be annually updated and maintained (Provision C.4.b.ii). The annual updates should include new businesses; any needed modifications to inspection priorities based on recent inspections, illicit discharge notifications, or other relevant factors; and removal of businesses that are no longer operating. In addition, updates or revisions to Inspection Lists need to be included in annual reports starting in 2011 (Provision C.4.b.iii.(1)).

Substep 3a: Develop Inspection List and Annual Update

- ➔ The City of Redwood City's Business/Facility Inspection Lists consists of two separate lists. The first list is CEH's generated inspection list, and the second list is Redwood City's list of additional businesses that may warrant stormwater inspections.

Substep 3b: Determine Priority for Inspection

- ➔ All of the businesses/facilities listed on the CEH list will receive routine stormwater inspections either every year or every other year according to the prioritization process described on page 2. All of the businesses/facilities listed on the City of Redwood City's list will be inspected at least once every five years.

Substep 3c: Identify Businesses/Facilities Scheduled for Inspection in the Current Fiscal Year

- ➔ The businesses scheduled for inspection in FY 2010/11 was prepared by CEH and is included as an additional attached list. CEH will be preparing its FY 2011/12 inspection list in July 2011, and this list will be included with Redwood City's FY 2010/11 Annual Report that will be submitted to the Water Board by September 15, 2011. Businesses/facilities on Redwood City's list will be scheduled for inspection starting in FY 2012/13 given their relatively low priority for inspection and the time needed to execute a separate agreement with CEH to conduct these inspections and for the San Mateo County Board of Supervisors' to consider a stormwater inspection fee for these additional businesses. It is currently anticipated that the County Board of Supervisors will consider approving a new stormwater inspection fee for these businesses during the first half of 2012.

SAN MATEO COUNTY OF ENVIRONMENTAL HEALTH
BUSINESS INSPECTION LIST FOR REDWOOD CITY (FY 2010-2011)

FACILITY NAME	SITE ADDRESS	Program/ Element	ACTIVITY DATE
A P PHARMA	123 SAGINAW DR	STORMWATER ANNUAL INSPECTION FEE	11/2/2010
A1 EXPRESS GAS	795 5TH AVE	STORMWATER ANNUAL INSPECTION FEE	3/10/2011
A1 RENTAL CENTER	1125 ARGUELLO ST	STORMWATER ANNUAL INSPECTION FEE	12/9/2010
ABBOTT LABORATORIES	400 SAGINAW	STORMWATER ANNUAL INSPECTION FEE	12/2/2010
ACTION TOWING	1790 INDUSTRIAL	STORMWATER ANNUAL INSPECTION FEE	12/1/2010
AI LLC	1709 E BAYSHORE RD	STORMWATER ANNUAL INSPECTION FEE	12/20/2010
AIRE SHEET METAL INC	1973 E BAYSHORE RD	STORMWATER ANNUAL INSPECTION FEE	3/23/2011
AIRGAS, NCN	50 CHEMICAL WY	STORMWATER ANNUAL INSPECTION FEE	4/28/2011
ALL FENCE CO	1900 SPRING ST	STORMWATER ANNUAL INSPECTION FEE	12/27/2010
AMELIAS MEXICAN RESTAURANT	2042 BROADWAY	STORMWATER ANNUAL INSPECTION FEE	2/15/2011
AMERICAN ORNAMENTAL IRON WORKS INC	220 PINE ST	STORMWATER ANNUAL INSPECTION FEE	10/1/2010
ANDY'S BP	895 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE	7/29/2010
ANNUZZIS CUSTOM CABINET	2127 MIDDLEFIELD RD	STORMWATER ANNUAL INSPECTION FEE	5/11/2011
ARANA THERAPEUTICS	735 GALVESTON DR	STORMWATER ANNUAL INSPECTION FEE	9/15/2010
ARCO #6023	1801 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE	11/10/2010
ARCO AM/PM #0573	610 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE	1/27/2011 11/9/2010 10/15/2010
ARCO STATION #306	1700 MIDDLEFIELD RD	STORMWATER ANNUAL INSPECTION FEE	7/2/2010
A'S AUTO SERVICE	540 EL CAMINO REAL B	STORMWATER ANNUAL INSPECTION FEE	3/31/2011
AT&T CORPORATION	3175 SPRING ST	STORMWATER ANNUAL INSPECTION FEE	1/13/2011
AUTO MASTER	67 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	11/1/2010
AUTOHAUS KLAUS NAGEL	1690 INDUSTRIAL WY	STORMWATER ANNUAL INSPECTION FEE	8/23/2010
B & D AUTOMOTIVE	1510 MAIN ST	STORMWATER ANNUAL INSPECTION FEE	9/28/2010
BASIC CHEMICAL SOLUTIONS	525 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE	12/28/2010
BAY AREA CIRCUITS INC	91 WINSLOW ST	STORMWATER ANNUAL INSPECTION FEE	1/6/2011
BENS AUTO TECH	413 LATHROP ST	STORMWATER ANNUAL INSPECTION FEE	2/7/2011
BENZ AUTO BODY	1850 INDUSTRIAL RD	STORMWATER ANNUAL INSPECTION FEE	7/27/2010
BIOSTRIDE INC	1201 DOUGLAS AVE	STORMWATER ANNUAL INSPECTION FEE	5/3/2011

SAN MATEO COUNTY OF ENVIRONMENTAL HEALTH
BUSINESS INSPECTION LIST FOR REDWOOD CITY (FY 2010-2011)

FACILITY NAME	SITE ADDRESS	Program/ Element	ACTIVITY DATE
C G & E AUTO BODY	545 STANDISH ST	STORMWATER ANNUAL INSPECTION FEE	10/29/2010
CALIFORNIA AUTO DETAILERS	113 BEECH ST	STORMWATER ANNUAL INSPECTION FEE	12/20/2010
CALIFORNIA HIGHWAY PATROL	355 CONVENTION WY	STORMWATER ANNUAL INSPECTION FEE	6/13/2011
CALTRANS REDWOOD CITY MAINT	2501 E BAYSHORE RD	STORMWATER ANNUAL INSPECTION FEE	8/26/2010
CANYON AUTO SERVICE	590 CANYON RD	STORMWATER ANNUAL INSPECTION FEE	4/11/2011
CANYON GAS & PROPANE	590 CANYON RD	STORMWATER ANNUAL INSPECTION FEE	3/25/2011
CARGILL SALT	295 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE	6/23/2011
CARLSEN MOTOR CARS, INC.	3636 HAVEN AVE	STORMWATER ANNUAL INSPECTION FEE	7/27/2010
CARLSEN SUBARU	480 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE	11/30/2010
CASTILLOS AUTO ELECTRIC	24 WILLOW ST 5	STORMWATER ANNUAL INSPECTION FEE	1/25/2011 1/21/2011
CEMEX	876 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE	3/11/2011
CEMEX CONST. MATERIALS PAC LLC	775 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE	3/10/2011
CHESTNUT AUTOMOTIVE BRAKE/ALIGNMENT	160 CHESTNUT ST	STORMWATER ANNUAL INSPECTION FEE	12/29/2010
CHEVRON STATION	2215 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	3/29/2011
CHEVRON STATION #91374	990 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE	4/20/2011
CHEVRON -WHIPPLE AVE	585 WHIPPLE AVE	STORMWATER ANNUAL INSPECTION FEE	8/19/2010
COASTAL CIRCUITS	1602 TACOMA WY	STORMWATER ANNUAL INSPECTION FEE	12/22/2010
CODEXIS, INC	200 PENOBSCOT DR 501 CHESAPEAKE	STORMWATER ANNUAL INSPECTION FEE STORMWATER ANNUAL INSPECTION FEE	7/30/2010 7/30/2010
COOKS COLLISION	1104 MAIN ST	STORMWATER ANNUAL INSPECTION FEE	9/24/2010
CVS/PHARMACY #9329	1039 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	3/3/2011
CYCLE GEAR	1326 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	9/2/2010
DAIRY QUEEN KITCHEN	640 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE	2/24/2011
DOCKTOWN MARINA INC	1548 MAPLE ST	STORMWATER ANNUAL INSPECTION FEE	12/27/2010
ECONO LUBE & TUNE	1331 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	10/7/2010 9/3/2010
ED'S SUB CENTER	2034 BROADWAY	STORMWATER ANNUAL INSPECTION FEE	2/15/2011
EL CAMINO MARTCO	602 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	12/13/2010
ENVIRONMENTAL HEALTH STORAGE	310 PINE ST	STORMWATER ANNUAL INSPECTION FEE	12/28/2010

SAN MATEO COUNTY OF ENVIRONMENTAL HEALTH
BUSINESS INSPECTION LIST FOR REDWOOD CITY (FY 2010-2011)

FACILITY NAME	SITE ADDRESS	Program/ Element	ACTIVITY DATE
ESBRO	775 SEAPORT BLVD C	STORMWATER ANNUAL INSPECTION FEE	2/25/2011
EXPERT WOODWORKING	924 BROADWAY	STORMWATER ANNUAL INSPECTION FEE	8/4/2010
FERRARI MASERATI OF SILICON VALLEY	2750 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	6/7/2011
FIFTH AVE PUMP STATION	3011 E BAYSHORE	STORMWATER ANNUAL INSPECTION FEE	1/11/2011
FIRE STATION #12	3700 JEFFERSON AVE	STORMWATER ANNUAL INSPECTION FEE	12/9/2010
FIRE STATION #20	680 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE	12/20/2010
FIRESTONE TIRES #3671	1458 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	7/8/2010
FIVE POINTS TIRE IMPORTS	2115 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	5/27/2011
FREDS GARAGE INC	416 D ST	STORMWATER ANNUAL INSPECTION FEE	6/22/2011
G H MACHINE CO	535 STANDISH ST	STORMWATER ANNUAL INSPECTION FEE	10/27/2010
GARAFFO AUTO REPAIR	301 PINE ST	STORMWATER ANNUAL INSPECTION FEE	10/1/2010
GENOMIC HEALTH	301 PENOBSCOT DR	STORMWATER ANNUAL INSPECTION FEE	8/18/2010
GENOMIC HEALTH INC	101 GALVESTON DR	STORMWATER ANNUAL INSPECTION FEE	8/6/2010
GRANITE ROCK	355 BLOMQUIST ST	STORMWATER ANNUAL INSPECTION FEE	4/8/2011
GRAYS OF REDWOOD CITY	1411 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE	4/7/2011
GYPSUM PILE PORT OF RWC	675 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE	3/9/2011
HALCYON MOLECULAR INC	505 PENOBSCOT DR	STORMWATER ANNUAL INSPECTION FEE	11/10/2010
HALL OF JUSTICE	400 COUNTY CENTER	STORMWATER ANNUAL INSPECTION FEE	3/31/2011
HARBOR READY MIX	123 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE	3/11/2011
HN LOCKWOOD INC	450 MAPLE ST	STORMWATER ANNUAL INSPECTION FEE	10/5/2010
HOPKINS ACCURA	1555 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	10/8/2010
HUDSON AUTO INC	582 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE	4/8/2011
ICE OASIS	3140 BAY RD	STORMWATER ANNUAL INSPECTION FEE	12/7/2010
IDEAL R V & TRAILER SUPPLY	3375 E BAYSHORE RD	STORMWATER ANNUAL INSPECTION FEE	4/27/2011
IMAGE AUTO	623 MAIN ST	STORMWATER ANNUAL INSPECTION FEE	11/19/2010
JIFFY LUBE	640 WHIPPLE AVE	STORMWATER ANNUAL INSPECTION FEE	12/21/2010
JIM LORD LANDSCAPE SERVICE	1826 INDUSTRIAL WY	STORMWATER ANNUAL INSPECTION FEE	6/20/2011
JOHNS 76	234 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	4/15/2011

SAN MATEO COUNTY OF ENVIRONMENTAL HEALTH
BUSINESS INSPECTION LIST FOR REDWOOD CITY (FY 2010-2011)

FACILITY NAME	SITE ADDRESS	Program/ Element	ACTIVITY DATE
K MART #4349	1155 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE	2/15/2011
KAISER PERMANENTE HOSPITAL	1150 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE	2/22/2011
KELLY MOORE PAINTS	1391 WOODSIDE RD STE 100	STORMWATER ANNUAL INSPECTION FEE	4/8/2011
KENNEDY & ALLEN INC	1026 EL CAMINO REAL 659 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE STORMWATER ANNUAL INSPECTION FEE	1/21/2011 1/11/2011
KINGS UNION 76	975 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE	11/30/2010
KNBR TRANSMITTER FACILITY	1410 RADIO RD	STORMWATER ANNUAL INSPECTION FEE	1/19/2011
KYS AUTO REPAIR	2633 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	5/13/2011
LALOS AUTO MECHANIC SHOP	700 WARRINGTON	STORMWATER ANNUAL INSPECTION FEE	4/8/2011
LEGACY AUTO REPAIR	105 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	7/7/2010
LIQUID DIGITAL MEDIA	999 MAIN ST	STORMWATER ANNUAL INSPECTION FEE	3/24/2010
LYNGSO GARDEN MATERIALS INC	19 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE	2/16/2011
MACHINE PARTS CO., INC	2715 SPRING ST	STORMWATER ANNUAL INSPECTION FEE	5/25/2011
MAGUIRE CORRECTIONAL FACILITY	300 BRADFORD ST	STORMWATER ANNUAL INSPECTION FEE	3/31/2011
MALDONADOS AUTO BODY & PAINT	2900 MIDDLEFIELD RD	STORMWATER ANNUAL INSPECTION FEE	4/22/2011
MARCHI THERMAL SYSTEMS INC	620 PRICE AVE	STORMWATER ANNUAL INSPECTION FEE	10/26/2010
MCDONALDS	709 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE	2/1/2011
MICS AUTO BODY	1800 INDUSTRIAL WY	STORMWATER ANNUAL INSPECTION FEE	8/27/2010
MOBIL SERVICE STATION #10-659	1101 BROADWAY	STORMWATER ANNUAL INSPECTION FEE	6/15/2011
MOTOR VERKSTAD VOLVO	132 WILSON	STORMWATER ANNUAL INSPECTION FEE	5/31/2011
MUFFLER EXPRESS	1414 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	6/21/2011
MUNICIPAL SERVICES CTR	1400 BROADWAY	STORMWATER ANNUAL INSPECTION FEE	1/25/2011
OIL CHANGERS #202	2762 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	12/3/2010
OK RADIATOR & AIR CONDITIONING	2670 MIDDLEFIELD RD	STORMWATER ANNUAL INSPECTION FEE	1/12/2011
ORACLE CORP	100-600 ORACLE PKWY	STORMWATER ANNUAL INSPECTION FEE	8/31/2010
ORACLE USA INC	10 TWIN DOLPHIN DR 1000 BRIDGE PKWY 401 ISLAND PARK	STORMWATER ANNUAL INSPECTION FEE STORMWATER ANNUAL INSPECTION FEE STORMWATER ANNUAL INSPECTION FEE	8/31/2010 8/31/2010 8/31/2010
PACIFIC ATHLETIC CLUB	200 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE	12/20/2010
PACIFIC BELL dba AT & T CALIFORNIA	1121 JEFFERSON AVE	STORMWATER ANNUAL INSPECTION FEE	4/4/2011

SAN MATEO COUNTY OF ENVIRONMENTAL HEALTH
BUSINESS INSPECTION LIST FOR REDWOOD CITY (FY 2010-2011)

FACILITY NAME	SITE ADDRESS	Program/ Element	ACTIVITY DATE
PACIFIC PRINTING & PUBLICATION	783 BROADWAY	STORMWATER ANNUAL INSPECTION FEE	7/21/2010
PACIFIC SHORES STORM PUMP STA	800 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE	1/11/2011
PALOMINO PRINTING	2992 SPRING ST F	STORMWATER ANNUAL INSPECTION FEE	1/15/2010
PARKING GARAGE	400 MIDDLEFIELD RD	STORMWATER ANNUAL INSPECTION FEE	12/30/2010 11/30/2010
PARTY CITY	1289 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE	12/1/2010
PENINSULA BUILDING MATERIALS	109 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE	10/12/2010
PENINSULA INFINITI	386 CONVENTION WY	STORMWATER ANNUAL INSPECTION FEE	2/8/2011
PENINSULA MOTORSPORT REPAIR & SVC	890 SECOND AVE	STORMWATER ANNUAL INSPECTION FEE	3/3/2011
PENINSULA TRUCK REPAIR, INC	3018 SPRING ST	STORMWATER ANNUAL INSPECTION FEE	7/30/2010
PERSEID	515 GALVESTON DR	STORMWATER ANNUAL INSPECTION FEE	11/5/2010
PETES HARBOR	1 UCCELLI BLVD	STORMWATER ANNUAL INSPECTION FEE	12/3/2010
PHIL FINER REFRIGERATION	1001 MAIN ST	STORMWATER ANNUAL INSPECTION FEE	9/29/2010
PRECISION AUTO REPAIR	110 PINE ST	STORMWATER ANNUAL INSPECTION FEE	11/8/2010
PRECISION TUNE AUTO CARE	1304 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	9/2/2010
PRO CARE	1704 INDUSTRIAL RD	STORMWATER ANNUAL INSPECTION FEE	8/9/2010
PT OF RC-USED OIL COLLECTION CTR	451 SEAPORT CT	STORMWATER ANNUAL INSPECTION FEE	3/28/2011
PULMONX CORPORATION	700 CHESAPEAKE DR	STORMWATER ANNUAL INSPECTION FEE	11/5/2010
PURPLETIE	500 HOWLAND ST 1 400 CONVENTION WY	STORMWATER ANNUAL INSPECTION FEE STORMWATER ANNUAL INSPECTION FEE	11/16/2010 2/11/2010
QUALITY CARE AUTO SERVICE	2801 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	3/29/2011
QUEST COLLISION CENTER	1612 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	5/5/2011
QUICK MIX CONCRETE	1771 E BAYSHORE	STORMWATER ANNUAL INSPECTION FEE	6/8/2011
REDWOOD CITY OLYMPIAN	699 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	6/8/2011
REDWOOD CITY U HAUL CTR	2200 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	6/2/2011
REDWOOD PLUMBING CO	1590 TACOMA WY	STORMWATER ANNUAL INSPECTION FEE	3/1/2011
REDWOOD SHORES AREA #A	200 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE	1/11/2011
REDWOOD SHORES CLEANERS	370 BRIDGE PKWY #10	STORMWATER ANNUAL INSPECTION FEE	9/22/2010
REMCO ENTERPRISES INC	3160 SPRING ST	STORMWATER ANNUAL INSPECTION FEE	5/25/2011

SAN MATEO COUNTY OF ENVIRONMENTAL HEALTH
BUSINESS INSPECTION LIST FOR REDWOOD CITY (FY 2010-2011)

FACILITY NAME	SITE ADDRESS	Program/ Element	ACTIVITY DATE
RITE AID #5893	2150 ROOSEVELT	STORMWATER ANNUAL INSPECTION FEE	1/26/2011
ROYAL CLEANERS	902 WHIPPLE AVE	STORMWATER ANNUAL INSPECTION FEE	12/21/2010
ROYS CLEANER	1100 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	1/24/2011
RWC AUTO REPAIR	400 WARRINGTON	STORMWATER ANNUAL INSPECTION FEE	6/8/2011
SAFEWAY STORE #747	850 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE	2/3/2011
SEAPORT PUMP STATION #3	501 PENOBSCOT DR	STORMWATER ANNUAL INSPECTION FEE	1/11/2011
SEAPORT REFINING & ENV LLC	700 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE	12/29/2010
SEQUOIA HEALTH SERVICES	170 ALAMEDA DE LAS PULGAS	STORMWATER ANNUAL INSPECTION FEE	9/9/2010
SEVEN ELEVEN STORE 2366-25411C	460 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE	1/14/2011
SIMS METAL MANAGEMENT	699 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE	11/18/2010
SPEEDEE OIL CHANGE	550 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE	11/23/2010
STUART FLOOR CO INC	1455 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE	11/17/2010
STUDEBAKERS WEST	335 CONVENTION WY #A	STORMWATER ANNUAL INSPECTION FEE	1/5/2011
SWIMMING POOL PERFECTIONS	629 BAIR ISLAND RD #214	STORMWATER ANNUAL INSPECTION FEE	4/25/2011
TARGET STORE #0321	2485 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	3/3/2011
THRESHOLD PHARMACEUTICALS, INC	1300 SEAPORT BLVD-5TH FLR	STORMWATER ANNUAL INSPECTION FEE	12/17/2010
	1757 E BAYSHORE RD 1A	STORMWATER ANNUAL INSPECTION FEE	4/14/2011
TOWNE AUTO BODY	111 CEDAR ST	STORMWATER ANNUAL INSPECTION FEE	1/28/2011
TOWNE FORD SALES	1601 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	6/14/2011
TOYOTA 101	525 E BAYSHORE RD	STORMWATER ANNUAL INSPECTION FEE	9/24/2010
TOYOTA SCION SPECIALIST	61 WILLOW ST	STORMWATER ANNUAL INSPECTION FEE	6/2/2011
TRU GEEN LANDCARE	1995 E BAYSHORE	STORMWATER ANNUAL INSPECTION FEE	7/22/2010
VALERO STATION #7245	503 WHIPPLE AVE	STORMWATER ANNUAL INSPECTION FEE	12/16/2010
VETERANS SHELL 148	690 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE	4/19/2011
VIBRYNT INC	701 GALVESTON DR	STORMWATER ANNUAL INSPECTION FEE	9/16/2010
			9/6/2010
VINO SANTO BISTRO	2030 BROADWAY	STORMWATER ANNUAL INSPECTION FEE	2/15/2011
VIRGINIA CITY RAIL CORP	775 SEAPORT BLVD WHSE 1	STORMWATER ANNUAL INSPECTION FEE	12/27/2010
VLY RADIOLOGISTS MED. GRP INC.	500 ARGUELLO ST 100	STORMWATER ANNUAL INSPECTION FEE	1/10/2011

SAN MATEO COUNTY OF ENVIRONMENTAL HEALTH
BUSINESS INSPECTION LIST FOR REDWOOD CITY (FY 2010-2011)

FACILITY NAME	SITE ADDRESS	Program/ Element	ACTIVITY DATE
WEST COAST COLLISION	525 STANDISH ST	STORMWATER ANNUAL INSPECTION FEE	10/29/2010
WHEEL WORKS	2411 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE	4/15/2011
WOODSIDE GASOLINE INC	710 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE	4/29/2011
WOODSIDE MANOR LIQUORS	524 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE	1/21/2011
WOODSIDE SHELL	1667 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE	9/21/2010
YEAH! RESTAURANT	246 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE	6/10/2011

TOTAL NUMBER OF SITES ON COUNTY ENVIRONMENTAL (FY 2010-11) HEALTH INSPECTION LIST FOR REDWOOD CITY: 181

SAN MATEO COUNTY OF ENVIRONMENTAL HEALTH
CURRENT BUSINESS INSPECTION LIST FOR REDWOOD CITY (2000-2011)

FACILITY NAME	SITE ADDRESS	PROGRAM/ELEMENT
A P PHARMA	123 SAGINAW DR	STORMWATER ANNUAL INSPECTION FEE
A1 EXPRESS GAS	795 5TH AVE	STORMWATER ANNUAL INSPECTION FEE
A1 RENTAL CENTER	1125 ARGUELLO ST	STORMWATER ANNUAL INSPECTION FEE
A-ABCO RENTS & SELLS	1050 CHARTER ST	STORMWATER ANNUAL INSPECTION FEE
ABBOTT LABORATORIES	400 SAGINAW	STORMWATER ANNUAL INSPECTION FEE
ACTION TOWING	1790 INDUSTRIAL	STORMWATER ANNUAL INSPECTION FEE
AI LLC	1709 E BAYSHORE RD	STORMWATER ANNUAL INSPECTION FEE
AIRE SHEET METAL INC	1973 E BAYSHORE RD	STORMWATER ANNUAL INSPECTION FEE
AIRGAS, NCN	50 CHEMICAL WY	STORMWATER ANNUAL INSPECTION FEE
ALAN STEEL & SUPPLY CO	505 E BAYSHORE RD	STORMWATER ANNUAL INSPECTION FEE
ALANAS CAFE	1020 MAIN ST	STORMWATER ANNUAL INSPECTION FEE
ALEXZ AUTO REPAIR & DEALER	2966 BAY RD UNIT B	STORMWATER ANNUAL INSPECTION FEE
ALL FENCE CO	1900 SPRING ST	STORMWATER ANNUAL INSPECTION FEE
ALL SEASONS CAFE & CREPERY	2050 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
ALPINE CONSTRUCTION	927 ARGUELLO	STORMWATER ANNUAL INSPECTION FEE
ALS FISH AND CHIPS	2139 ROOSEVELT AVE	STORMWATER ANNUAL INSPECTION FEE
AMELIAS MEXICAN RESTAURANT	2042 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
AMERICAN LEGION #105 RWC POST	651 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
AMERICAN ORNAMENTAL IRON WORKS INC	220 PINE ST	STORMWATER ANNUAL INSPECTION FEE
AMF REDWOOD LANES	2580 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
AMICIS EAST COAST PIZZERIA	226 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE
ANDY'S BP	895 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
ANNUZZIS CUSTOM CABINET	2127 MIDDLEFIELD RD	STORMWATER ANNUAL INSPECTION FEE
APATZINGAN #2	739 CHESTNUT ST	STORMWATER ANNUAL INSPECTION FEE
APPLEBEES	1155 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
ARANA THERAPEUTICS	735 GALVESTON DR	STORMWATER ANNUAL INSPECTION FEE
ARCO #6023	1801 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
ARCO AM/PM #0573	610 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
ARCO STATION #306	1700 MIDDLEFIELD RD	STORMWATER ANNUAL INSPECTION FEE
ARRIVEDERCI & BELLA INC	487 SEAPORT CT	STORMWATER ANNUAL INSPECTION FEE
ARTEAGA BAKERY	812 5TH AVE	STORMWATER ANNUAL INSPECTION FEE

SAN MATEO COUNTY OF ENVIRONMENTAL HEALTH
CURRENT BUSINESS INSPECTION LIST FOR REDWOOD CITY (2000-2011)

FACILITY NAME	SITE ADDRESS	PROGRAM/ELEMENT
ARTEAGAS STARLITE SUPER MARKET	812 5TH AVE	STORMWATER ANNUAL INSPECTION FEE
A'S AUTO SERVICE	540 EL CAMINO REAL B	STORMWATER ANNUAL INSPECTION FEE
AT&T CORPORATION	3175 SPRING ST	STORMWATER ANNUAL INSPECTION FEE
ATHERTON U SAVE LIQUOR	3107 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
AUTO HEADQUARTERS	650 BROADWAY UNIT 4A	STORMWATER ANNUAL INSPECTION FEE
AUTO MASTER	67 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
AUTOHAUS KLAUS NAGEL	1690 INDUSTRIAL WY	STORMWATER ANNUAL INSPECTION FEE
AVENUE LIQUOR	2147 ROOSEVELT AVE	STORMWATER ANNUAL INSPECTION FEE
B & D AUTOMOTIVE	1510 MAIN ST	STORMWATER ANNUAL INSPECTION FEE
B & W MARKET	3115 JEFFERSON AVE	STORMWATER ANNUAL INSPECTION FEE
BAGEL STREET CAFE	254 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE
BANGKOK BAY INC	825 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
BASIC CHEMICAL SOLUTIONS	525 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
BASKIN ROBBINS #140	2107 ROOSEVELT AVE	STORMWATER ANNUAL INSPECTION FEE
BAY AREA CIRCUITS INC	91 WINSLOW ST	STORMWATER ANNUAL INSPECTION FEE
BAY AREA CUSTOM SHIRTS	3130 SPRING ST	STORMWATER ANNUAL INSPECTION FEE
BAY PRECISION MACHINING	815 SWEENEY AVE C&D	STORMWATER ANNUAL INSPECTION FEE
BEN FRANKS RESTAURANT	491 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
BENS AUTO TECH	413 LATHROP ST	STORMWATER ANNUAL INSPECTION FEE
BENZ AUTO BODY	1850 INDUSTRIAL RD	STORMWATER ANNUAL INSPECTION FEE
BEVERAGES & MORE	1745 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
BIG LOTS #4313	1525 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
BIG O TIRES	2310 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
BIOSTRIDE INC	1201 DOUGLAS AVE	STORMWATER ANNUAL INSPECTION FEE
BOARDWALK MOTORCAR GROUP	1 BAIR ISLAND RD	STORMWATER ANNUAL INSPECTION FEE
BON APPETIT 200	200 ORACLE PKWY	STORMWATER ANNUAL INSPECTION FEE
BON APPETIT 350 CAFE	350 ORACLE PKWY	STORMWATER ANNUAL INSPECTION FEE
BON APPETIT 400 CAFE	400 ORACLE PKWY	STORMWATER ANNUAL INSPECTION FEE
BON APPETIT 500 CAFE	500 ORACLE PKWY	STORMWATER ANNUAL INSPECTION FEE
BON APPETIT MGMT	10 TWIN DOLPHIN DR	STORMWATER ANNUAL INSPECTION FEE
BRAVO TAQUERIA	980 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE

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FACILITY NAME	SITE ADDRESS	PROGRAM/ELEMENT
BROADWAY CLEANERS	1681 MAIN ST	STORMWATER ANNUAL INSPECTION FEE
BURGER KING	575 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
BURGER KING #6292	2102 MIDDLEFIELD RD	STORMWATER ANNUAL INSPECTION FEE
C G & E AUTO BODY	545 STANDISH ST	STORMWATER ANNUAL INSPECTION FEE
CAFE N S	701 CHESAPEAKE DR	STORMWATER ANNUAL INSPECTION FEE
CAFFINO	2797 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
CALIFORNIA AUTO DETAILERS	113 BEECH ST	STORMWATER ANNUAL INSPECTION FEE
CALIFORNIA HIGHWAY PATROL	355 CONVENTION WY	STORMWATER ANNUAL INSPECTION FEE
CALTRANS REDWOOD CITY MAINT	2501 E BAYSHORE RD	STORMWATER ANNUAL INSPECTION FEE
CANYON AUTO SERVICE	590 CANYON RD	STORMWATER ANNUAL INSPECTION FEE
CANYON COFFEE ROASTERY	3203 OAK KNOLL DR	STORMWATER ANNUAL INSPECTION FEE
CANYON GAS & PROPANE	590 CANYON RD	STORMWATER ANNUAL INSPECTION FEE
CANYON INN	587 CANYON RD	STORMWATER ANNUAL INSPECTION FEE
CARGILL SALT	295 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
CARLS JR RESTAURANT	1001 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
CARLSEN SUBARU	480 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
CASA DE REDWOOD	1280 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
CASTILLOS AUTO ELECTRIC	24 WILLOW ST 5	STORMWATER ANNUAL INSPECTION FEE
CEMEX	876 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
CEMEX CONST. MATERIALS PAC LLC	775 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
CENTRAL CONCRETE SUPPLY	635 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
CENTRUM LIFT STATION	184 ORACLE PKWY	STORMWATER ANNUAL INSPECTION FEE
CERRONE EUROPEAN	2306 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
CHANTILLY INC	3001 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
CHAVEZ MEAT MARKET	775 ARGUELLO ST	STORMWATER ANNUAL INSPECTION FEE
CHAVEZ MEXICAN BAKERY	817 ARGUELLO ST	STORMWATER ANNUAL INSPECTION FEE
CHEF CHENS	820 VETERANS BLVD D	STORMWATER ANNUAL INSPECTION FEE
CHEF PEKING RESTAURANT	515 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
CHELAS MEAT MARKET & TAQUERIA	1714 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
CHESTNUT AUTOMOTIVE BRAKE/ALIGNMENT	160 CHESTNUT ST	STORMWATER ANNUAL INSPECTION FEE
CHEVRON STATION	2215 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE

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FACILITY NAME	SITE ADDRESS	PROGRAM/ELEMENT
CHEVRON STATION #91374	990 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
CHEVRON -WHIPPLE AVE	585 WHIPPLE AVE	STORMWATER ANNUAL INSPECTION FEE
CHEVYS MEXICAN RESTAURANT	2907 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
CHINS RESTAURANT	855 MAIN ST	STORMWATER ANNUAL INSPECTION FEE
CHIPOTLE MEXICAN GRILL	861 MIDDLEFIELD	STORMWATER ANNUAL INSPECTION FEE
CHUCK E CHEESE	2541 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
CHUCKS DONUTS	801 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
CITY PUB & CAFE	2620 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
CLEAN HARBORS ENV SERVICES INC	695 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
COASTAL CIRCUITS	1602 TACOMA WY	STORMWATER ANNUAL INSPECTION FEE
CODEXIS, INC	200 PENOBSCOT DR	STORMWATER ANNUAL INSPECTION FEE
CONTINENTAL TOOL CO	20 CHEMICAL WY	STORMWATER ANNUAL INSPECTION FEE
COOKS COLLISION	1104 MAIN ST	STORMWATER ANNUAL INSPECTION FEE
COOKS UPHOLSTERY	1823 EL CAMINO	STORMWATER ANNUAL INSPECTION FEE
COPENHAGEN RESTAURANT	356 WOODSIDE PLAZA	STORMWATER ANNUAL INSPECTION FEE
COSTCO WHOLESALE	2300 MIDDLEFIELD RD	STORMWATER ANNUAL INSPECTION FEE
COUNTY OFFICE BLDG #2	555 COUNTY CENTER 2	STORMWATER ANNUAL INSPECTION FEE
COUNTY OFFICE BLDG.#1	455 COUNTY CENTER	STORMWATER ANNUAL INSPECTION FEE
CVS/PHARMACY #9329	1039 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
CYCLE GEAR	1326 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
DAIRY QUEEN KITCHEN	640 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
DEGNAN PRINTERS	2893 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
DENNYS	1201 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
DOCKTOWN MARINA INC	1548 MAPLE ST	STORMWATER ANNUAL INSPECTION FEE
DONUT KING	3123 JEFFERSON AVE	STORMWATER ANNUAL INSPECTION FEE
ECONO LUBE & TUNE	1331 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
ECONO TREE SERVICE	1914 SPRING ST	STORMWATER ANNUAL INSPECTION FEE
ED'S SUB CENTER	2034 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
EL CAMINO AUTO BODY	51 CHARTER ST	STORMWATER ANNUAL INSPECTION FEE
EL CAMINO MARTCO	602 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
EL GRULLENSE E & E	2401 MIDDLEFIELD RD	STORMWATER ANNUAL INSPECTION FEE

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FACILITY NAME	SITE ADDRESS	PROGRAM/ELEMENT
EL HUECO A PERUVIAN RESTAURANT	593 WOODSIDE RD #E	STORMWATER ANNUAL INSPECTION FEE
EL MERCADITO LATINO	1726 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
ELECTRONIC ARTS	211 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE
EMERALD CITY LIQUORS	3025 JEFFERSON AVE	STORMWATER ANNUAL INSPECTION FEE
EMERALD MARKET	3215 OAK KNOLL DR	STORMWATER ANNUAL INSPECTION FEE
ENVIRONMENTAL HEALTH STORAGE	310 PINE ST	STORMWATER ANNUAL INSPECTION FEE
EQUITY OFFICE PROPERTIES	333 TWIN DOLPHIN DR	STORMWATER ANNUAL INSPECTION FEE
EQUITY OFFICE PROPERTIES TRUST	203 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE
ERIKS DELI CAFE	400 WALNUT ST	STORMWATER ANNUAL INSPECTION FEE
ESBRO	775 SEAPORT BLVD C	STORMWATER ANNUAL INSPECTION FEE
ESTAMPAS PERUANAS	715 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
EXPERT WOODWORKING	924 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
FACET BIOTECH	1500 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
FAIR OAKS SCHOOL	2950 FAIR OAKS & OAKSIDE	STORMWATER ANNUAL INSPECTION FEE
FASHION CLEANERS&SHIRT LAUNDRY	336 WOODSIDE PLAZA	STORMWATER ANNUAL INSPECTION FEE
FERRARI MASERATI OF SILICON VALLEY	2750 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
FERRARI-MASERATIO	2750 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
FIFTH AVE PUMP STATION	3011 E BAYSHORE	STORMWATER ANNUAL INSPECTION FEE
FIFTH QUARTER	976 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
FIRE STATION #11	1091 2ND AVE	STORMWATER ANNUAL INSPECTION FEE
FIRE STATION #12	3700 JEFFERSON AVE	STORMWATER ANNUAL INSPECTION FEE
FIRE STATION #20	680 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE
FIRE STATION #9	755 MARSHALL ST	STORMWATER ANNUAL INSPECTION FEE
FIRESTONE TIRES #3671	1458 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
FIVE POINTS MARKET INC	1922 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
FIVE POINTS TIRE IMPORTS	2115 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
FOLEY BROTHERS CUSTOM WORKS	32 WILLOW ST 4	STORMWATER ANNUAL INSPECTION FEE
FOOD STOP MARKETS	916 WHIPPLE AVE	STORMWATER ANNUAL INSPECTION FEE
FOODS CO	1401 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
FORMOSA BENTO HOUSE	2660 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
FORTUNE RESTAURANT	2039 BROADWAY	STORMWATER ANNUAL INSPECTION FEE

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FACILITY NAME	SITE ADDRESS	PROGRAM/ELEMENT
FRANKLIN ST COFFEE	1053 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
FREDS GARAGE INC	416 D ST	STORMWATER ANNUAL INSPECTION FEE
FRESH & NATURAL CAFE	1150 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
FRESH CHOICE	1099 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
FRIDA BAR & RESTAURANT	820 VETERANS BLVD B	STORMWATER ANNUAL INSPECTION FEE
G H MACHINE CO	535 STANDISH ST	STORMWATER ANNUAL INSPECTION FEE
G R PERFORMANCE	3012 SPRING ST	STORMWATER ANNUAL INSPECTION FEE
GARAFFO AUTO REPAIR	301 PINE ST	STORMWATER ANNUAL INSPECTION FEE
GENENTECH INC- BLDG 90	450 BROADWAY ST	STORMWATER ANNUAL INSPECTION FEE
GENOMIC HEALTH	301 PENOBSCOT DR	STORMWATER ANNUAL INSPECTION FEE
GENOMIC HEALTH INC	101 GALVESTON DR	STORMWATER ANNUAL INSPECTION FEE
GLENLOCK WATER STATION	GLENLOCK OFF HILLCREST RD	STORMWATER ANNUAL INSPECTION FEE
GOURMET HAUS STAUDT GIFT & CAFE	2615 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
GP ENTERPRISES	3014 ROLISON RD	STORMWATER ANNUAL INSPECTION FEE
GRANITE ROCK	355 BLOMQUIST ST	STORMWATER ANNUAL INSPECTION FEE
GRANITE ROCK ASPHALT&ROAD OILS	365 BLOMQUIST ST	STORMWATER ANNUAL INSPECTION FEE
GRAYS OF REDWOOD CITY	1411 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
GREAT WALL CHINESE RESTAURANT	670 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
GROCERY OUTLET INC	1833 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
GYPSUM PILE PORT OF RWC	675 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
HACIENDA TAQUERIA	895 2ND AVE #A	STORMWATER ANNUAL INSPECTION FEE
HALCYON MOLECULAR INC	505 PENOBSCOT DR	STORMWATER ANNUAL INSPECTION FEE
HALL OF JUSTICE	400 COUNTY CENTER	STORMWATER ANNUAL INSPECTION FEE
HAPPY DONUT	1330 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
HARBOR READY MIX	123 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
HARRYS HOFBRAU	1909 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
HAWAIIAN DRIVE INN	711 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
HEADQUARTERS BAR & GRILL	895 2ND AVE	STORMWATER ANNUAL INSPECTION FEE
HEIMERHAUS	601 MAIN ST	STORMWATER ANNUAL INSPECTION FEE
HELENS ONE HOUR CLEANERS	1594 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
HENRY FORD SCHOOL	2498 MASSACHUSETTS	STORMWATER ANNUAL INSPECTION FEE

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FACILITY NAME	SITE ADDRESS	PROGRAM/ELEMENT
HIGUMA JAPANESE RESTAURANT	540 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
HN LOCKWOOD INC	450 MAPLE ST	STORMWATER ANNUAL INSPECTION FEE
HOFBRAU CATERING	1695 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
HOLIDAY INN EXPRESS	2834 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
HONDA REDWOOD CITY	601 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
HOPKINS ACCURA	1555 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
HOTEL SOFITEL	223 TWIN DOLPHIN DR	STORMWATER ANNUAL INSPECTION FEE
HUDSON AUTO INC	582 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
ICE OASIS	3140 BAY RD	STORMWATER ANNUAL INSPECTION FEE
IDEAL R V & TRAILER SUPPLY	3375 E BAYSHORE RD	STORMWATER ANNUAL INSPECTION FEE
IHOP #684	491 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
IMAGE AUTO	623 MAIN ST	STORMWATER ANNUAL INSPECTION FEE
IN N OUT BURGER	949 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
IZZIS TO GO	528 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
J & G LIQUORS	1402 MAIN ST	STORMWATER ANNUAL INSPECTION FEE
JAMBA JUICE COMPANY #45	220 REDWOOD SHORES PKWY #EB	STORMWATER ANNUAL INSPECTION FEE
JAMBA JUICE COMPANY #69	1007 EL CAMINO REAL 1400S	STORMWATER ANNUAL INSPECTION FEE
JESUS AUTO REPAIR GARAGE	2701 BUCKINGHAM AVE B	STORMWATER ANNUAL INSPECTION FEE
JIFFY LUBE	640 WHIPPLE AVE	STORMWATER ANNUAL INSPECTION FEE
JIM LORD LANDSCAPE SERVICE	1826 INDUSTRIAL WY	STORMWATER ANNUAL INSPECTION FEE
JIMS MOBILE DIESEL REPAIR	1548 MAPLE	STORMWATER ANNUAL INSPECTION FEE
JOES FIAT SERVICE	819 5TH AVE	STORMWATER ANNUAL INSPECTION FEE
JOHN BENTLEY'S RESTAURANT	2915 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
JOHNNY ROCKETS	1111 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
JOHNS 76	234 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
K & L LIQUORS	3005 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
K MART #4349	1155 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
KAISER PERMANENTE HOSPITAL	1150 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
KARAKADE THAI CUISINE	593 WOODSIDE RD #G	STORMWATER ANNUAL INSPECTION FEE
KELLY MOORE PAINTS	1391 WOODSIDE RD STE 100	STORMWATER ANNUAL INSPECTION FEE
KENNEDY & ALLEN INC	1026 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE

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FACILITY NAME	SITE ADDRESS	PROGRAM/ELEMENT
KENNEDY SCHOOL	2521 GOODWIN AVE	STORMWATER ANNUAL INSPECTION FEE
KENTUCKY FRIED CHICKEN	204 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
KEY MARKET	1063 UPTON ST	STORMWATER ANNUAL INSPECTION FEE
KEY MARKETS	3640 FLORENCE ST	STORMWATER ANNUAL INSPECTION FEE
KINGS UNION 76	975 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
KNBR TRANSMITTER FACILITY	1410 RADIO RD	STORMWATER ANNUAL INSPECTION FEE
KYS AUTO REPAIR	2633 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
LA AZTECA	1531 MAIN ST	STORMWATER ANNUAL INSPECTION FEE
LA CASITA CHILANGA #2	761 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
LA COSTA RESTAURANT	2761 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
LA ESTRELLITA	2205 MIDDLEFIELD RD	STORMWATER ANNUAL INSPECTION FEE
LA FIESTA MEXICAN RESTAURANT	314 ARGUELLO ST	STORMWATER ANNUAL INSPECTION FEE
LADDAS THAI CUISINE	2053 BROADWAY #B	STORMWATER ANNUAL INSPECTION FEE
LAKEVIEW RESERVOIR	815 LAKEVIEW	STORMWATER ANNUAL INSPECTION FEE
LAND ROVER	440 CONVENTION WY	STORMWATER ANNUAL INSPECTION FEE
LE BOULANGER	2225 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
LEGACY AUTO REPAIR	105 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
LIFT STATION #25	1599 BRIDGE PKWY	STORMWATER ANNUAL INSPECTION FEE
LIQUID DIGITAL MEDIA	999 MAIN ST	STORMWATER ANNUAL INSPECTION FEE
LITTLE INDIA RESTAURANT	917 MAIN ST	STORMWATER ANNUAL INSPECTION FEE
LITTLE MADFISH	1021 EL CAMINO REAL #B10	STORMWATER ANNUAL INSPECTION FEE
LOS GALLOS TAQUERIA	3726 FLORENCE ST	STORMWATER ANNUAL INSPECTION FEE
LUCIAS PIZZERIA	1725 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
LYNGSO GARDEN MATERIALS INC	19 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
MAGUIRE CORRECTIONAL FACILITY	300 BRADFORD ST	STORMWATER ANNUAL INSPECTION FEE
MAIN ST COFFEE ROASTING CO	150 ELM ST	STORMWATER ANNUAL INSPECTION FEE
MAIN STREET MARKET	804 MAIN ST	STORMWATER ANNUAL INSPECTION FEE
MAINTENANCE & OPERATION DIV	601 JAMES AVE	STORMWATER ANNUAL INSPECTION FEE
MALIBU GRAND PRIX	340 BLOMQUIST ST	STORMWATER ANNUAL INSPECTION FEE
MANDALOUN RESTAURANT	2021 BROADWAY ST	STORMWATER ANNUAL INSPECTION FEE
MAR Y TIERRA TAQUERIA	1475 BROADWAY	STORMWATER ANNUAL INSPECTION FEE

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FACILITY NAME	SITE ADDRESS	PROGRAM/ELEMENT
MARCHI THERMAL SYSTEMS INC	620 PRICE AVE	STORMWATER ANNUAL INSPECTION FEE
MARDI GRAS LOUNGE	1628 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
MARGARITAS	2098 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
MARIAS CAFE	834 5TH AVE	STORMWATER ANNUAL INSPECTION FEE
MARINA STATION	473 SEAPORT CT	STORMWATER ANNUAL INSPECTION FEE
MARINE SCIENCE INSTITUTE	500 DISCOVERY PKWY	STORMWATER ANNUAL INSPECTION FEE
MARSH MANOR LIQUORS	3700 FLORENCE ST	STORMWATER ANNUAL INSPECTION FEE
MARTINS WEST	831 MAIN ST	STORMWATER ANNUAL INSPECTION FEE
MATHESON TRI GAS DBA AERIS INC	947 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
MC DONALD'S	185 CHESTNUT ST	STORMWATER ANNUAL INSPECTION FEE
MCDONALDS	709 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
MCDONALDS RESTAURANT	536 WHIPPLE AVE	STORMWATER ANNUAL INSPECTION FEE
MENLO MAZDA	543 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
MEXQUITE	2616 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
MICS AUTO BODY	1800 INDUSTRIAL WY	STORMWATER ANNUAL INSPECTION FEE
MIDAS MUFFLER SHOP	2121 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
MILAGROS RESTAURANT	1099 MIDDLEFIELD RD	STORMWATER ANNUAL INSPECTION FEE
MILK SHAKE WERKS	256 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE
MISTRAL RESTAURANT	370 BRIDGE PKWY 6	STORMWATER ANNUAL INSPECTION FEE
MOBIL SERVICE STATION #10-659	1101 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
MOTOLAB	3046 ROLISON RD	STORMWATER ANNUAL INSPECTION FEE
MOTOR VERKSTAD VOLVO	132 WILSON	STORMWATER ANNUAL INSPECTION FEE
MOUNTAIN MIKES PIZZA	120 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
MUFFLER EXPRESS	1414 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
MUNICIPAL SERVICES CTR	1400 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
NARANJOS TAQUERIA	2647 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
NATIONAL AUTO BODY SHOP	20 DILLER ST	STORMWATER ANNUAL INSPECTION FEE
NIKKOS MEXICAN GRILL	408 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
NOAHS BAGELS	1067 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
NOB HILL FOODS #628	270 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE
NOR CAL COLLISION	2504 EL CAMINO REAL B	STORMWATER ANNUAL INSPECTION FEE

SAN MATEO COUNTY OF ENVIRONMENTAL HEALTH
CURRENT BUSINESS INSPECTION LIST FOR REDWOOD CITY (2000-2011)

FACILITY NAME	SITE ADDRESS	PROGRAM/ELEMENT
NURIS DONUT HOUSE	416 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
OIL CHANGERS #202	2762 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
ONCOMED PHARMACEUTICALS INC	800 CHESAPEAKE DR	STORMWATER ANNUAL INSPECTION FEE
ORACLE CORP	100-600 ORACLE PKWY	STORMWATER ANNUAL INSPECTION FEE
ORACLE FITNESS CTR	250 ORACLE DR	STORMWATER ANNUAL INSPECTION FEE
ORACLE SUBSTATION-	500 ORACLE DR	STORMWATER ANNUAL INSPECTION FEE
ORACLE USA INC	10 TWIN DOLPHIN DR	STORMWATER ANNUAL INSPECTION FEE
ORCHARD SUPPLY HARDWARE #220	2110 MIDDLEFIELD RD	STORMWATER ANNUAL INSPECTION FEE
PACIFIC ATHLETIC CLUB	200 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE
PACIFIC BELL dba AT & T CALIFORNIA	1121 JEFFERSON AVE	STORMWATER ANNUAL INSPECTION FEE
PACIFIC COMMERCIAL FUELING INC	410 BLOMQUIST ST	STORMWATER ANNUAL INSPECTION FEE
PACIFIC INN	2610 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
PACIFIC PRINTING & PUBLICATION	783 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
PACIFIC SHORES CAFE	1600 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
PACIFIC SHORES LIFT STATION #1	1150 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
PACIFIC SHORES STORM PUMP STA	800 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
PADILLAS AUTO REPAIR	24 WILLOW ST 1	STORMWATER ANNUAL INSPECTION FEE
PALOMINO PRINTING	2992 SPRING ST F	STORMWATER ANNUAL INSPECTION FEE
PANADERIA MICHOACAN #4	2561 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
PARKING GARAGE	400 MIDDLEFIELD RD	STORMWATER ANNUAL INSPECTION FEE
PARKS & RECREATION	1400 RADIO RD	STORMWATER ANNUAL INSPECTION FEE
PARTY CITY	1289 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
PASTA POMODORO	490 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
PAVEX	195 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
PAW PRINTS	3166 BAY RD	STORMWATER ANNUAL INSPECTION FEE
PENINSULA 2 RESERVOIR 1	545 PICO BLVD	STORMWATER ANNUAL INSPECTION FEE
PENINSULA AIR CONDITIONING INC	1690 TACOMA WY	STORMWATER ANNUAL INSPECTION FEE
PENINSULA BUILDING MATERIALS	109 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
PENINSULA COVENANT COMMUNITY C	3623 JEFFERSON AVE	STORMWATER ANNUAL INSPECTION FEE
PENINSULA HARLEY DAVIDSON	380 CONVENTION WY	STORMWATER ANNUAL INSPECTION FEE
PENINSULA INFINITI	386 CONVENTION WY	STORMWATER ANNUAL INSPECTION FEE

SAN MATEO COUNTY OF ENVIRONMENTAL HEALTH
CURRENT BUSINESS INSPECTION LIST FOR REDWOOD CITY (2000-2011)

FACILITY NAME	SITE ADDRESS	PROGRAM/ELEMENT
PENINSULA LIQUORS & TOBACCO	717 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
PENINSULA MOTORSPORT REPAIR & SVC	890 SECOND AVE	STORMWATER ANNUAL INSPECTION FEE
PENINSULA TRUCK REPAIR, INC	3018 SPRING ST	STORMWATER ANNUAL INSPECTION FEE
PERSEID	515 GALVESTON DR	STORMWATER ANNUAL INSPECTION FEE
PETERSEN PRECISION	611 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
PETES HARBOR	1 UCCELLI BLVD	STORMWATER ANNUAL INSPECTION FEE
PG & E BAIR SUBSTATION	255 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
PG&E LAS PULGAS SUBSTATION	VALOTA & SIERRA CT	STORMWATER ANNUAL INSPECTION FEE
PG&E REDWOOD SUBSTATION	10 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
PG&E SHREDDER SUBST	775 HINMAN RD	STORMWATER ANNUAL INSPECTION FEE
PHIL FINER REFRIGERATION	1001 MAIN ST	STORMWATER ANNUAL INSPECTION FEE
PHO TRUONG LONG VIETNAMESE	756 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
PICENOS COMPLETE AUTO WORKS	1175 SHASTA ST	STORMWATER ANNUAL INSPECTION FEE
PIZZA & PIPES	821 WINSLOW ST	STORMWATER ANNUAL INSPECTION FEE
PIZZA HUT #283335	600 WHIPPLE	STORMWATER ANNUAL INSPECTION FEE
PLAZA AUTO REPAIR	2658 SPRING ST D	STORMWATER ANNUAL INSPECTION FEE
PORT OF REDWOOD CITY (YACHT HA	675 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
PORTAS AUTO BODY	3020 ROLISON RD	STORMWATER ANNUAL INSPECTION FEE
PRECISION AUTO REPAIR	110 PINE ST	STORMWATER ANNUAL INSPECTION FEE
PRECISION TUNE AUTO CARE	1304 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
PRESS RITE CLEANERS	1595 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
PRO CARE	1704 INDUSTRIAL RD	STORMWATER ANNUAL INSPECTION FEE
PRONTO PIZZERIA & ROTISSERIE	2560 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
PT OF RC-USED OIL COLLECTION CTR	451 SEAPORT CT	STORMWATER ANNUAL INSPECTION FEE
PULMONX CORPORATION	700 CHESAPEAKE DR	STORMWATER ANNUAL INSPECTION FEE
PURPLETIE	500 HOWLAND ST 1	STORMWATER ANNUAL INSPECTION FEE
PUTNAM LEXUS	390 CONVENTION WY	STORMWATER ANNUAL INSPECTION FEE
QUALITY CARE AUTO SERVICE	2801 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
QUALITY COACHWORKS LTD	411 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
QUEST COLLISION CENTER	1612 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
QUICK MIX CONCRETE	1771 E BAYSHORE	STORMWATER ANNUAL INSPECTION FEE

SAN MATEO COUNTY OF ENVIRONMENTAL HEALTH
CURRENT BUSINESS INSPECTION LIST FOR REDWOOD CITY (2000-2011)

FACILITY NAME	SITE ADDRESS	PROGRAM/ELEMENT
RANCHO AUTO SERVICE	692 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
RAYS AUTO REPAIR, INC.	2333 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
RB AUTOMOTIVE	219 BUCKEYE ST B	STORMWATER ANNUAL INSPECTION FEE
RECYCLED WATER PLANT	1402 RADIO RD	STORMWATER ANNUAL INSPECTION FEE
REDWOOD CITY OLYMPIAN	699 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
REDWOOD CITY POLICE DEPARTMENT	1301 MAPLE ST	STORMWATER ANNUAL INSPECTION FEE
REDWOOD CITY SCHOOL WAREHOUSE	501 JAMES AVE	STORMWATER ANNUAL INSPECTION FEE
REDWOOD CITY U HAUL CTR	2200 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
REDWOOD GENERAL TIRE SERVICE	1630 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
REDWOOD MINI MARKET	2775 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
REDWOOD PLUMBING CO	1590 TACOMA WY	STORMWATER ANNUAL INSPECTION FEE
REDWOOD RENTAL & REPAIR	2336 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
REDWOOD ROLLER RINK	1303 MAIN ST	STORMWATER ANNUAL INSPECTION FEE
REDWOOD SHORES AREA #A	200 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE
REDWOOD SHORES CLEANERS	370 BRIDGE PKWY #10	STORMWATER ANNUAL INSPECTION FEE
REDWOOD SHORES STATION #15	333 TWIN DOLPHIN PKWY	STORMWATER ANNUAL INSPECTION FEE
REDWOOD TOUCHLESS CAR WASH	215 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
REGEN BIOLOGICS INC	545 PENOBSCOT DR	STORMWATER ANNUAL INSPECTION FEE
REMCO ENTERPRISES INC	3160 SPRING ST	STORMWATER ANNUAL INSPECTION FEE
RITE AID #5892	340 WOODSIDE PLAZA	STORMWATER ANNUAL INSPECTION FEE
RITE AID #5893	2150 ROOSEVELT	STORMWATER ANNUAL INSPECTION FEE
ROBERTS & BRUNE	939 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
RON CHUCK ENGINEERING	375 CONVENTION #8	STORMWATER ANNUAL INSPECTION FEE
ROOSEVELT LIQUOR & GROCERY	1700 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
ROSITAS TACO STOP	1515 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
ROUND TABLE PIZZA	128 WOODSIDE PLAZA	STORMWATER ANNUAL INSPECTION FEE
ROYAL CLEANERS	902 WHIPPLE AVE	STORMWATER ANNUAL INSPECTION FEE
ROYS CLEANER	1100 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
RWC UNDERGROUND PUB	2650 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
SAFEWAY STORE #305	1071 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
SAFEWAY STORE #747	850 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE

SAN MATEO COUNTY OF ENVIRONMENTAL HEALTH
CURRENT BUSINESS INSPECTION LIST FOR REDWOOD CITY (2000-2011)

FACILITY NAME	SITE ADDRESS	PROGRAM/ELEMENT
SAN MATEO COUNTY CORP YARD	752 CHESTNUT ST	STORMWATER ANNUAL INSPECTION FEE
SAN MATEO COUNTY MOTOR POOL	501 WINSLOW ST	STORMWATER ANNUAL INSPECTION FEE
SANCHOS TAQUERIA	3205 OAK KNOLL DR	STORMWATER ANNUAL INSPECTION FEE
SANZ BODY SHOP	3150 ROLISON RD	STORMWATER ANNUAL INSPECTION FEE
SBSA	1400 RADIO RD	STORMWATER ANNUAL INSPECTION FEE
SBSA PUMP STATION	1581 MAPLE ST	STORMWATER ANNUAL INSPECTION FEE
SEAPORT LIFT STATION #2	1464 GALVESTON	STORMWATER ANNUAL INSPECTION FEE
SEAPORT PUMP STATION #3	501 PENOBSCOT DR	STORMWATER ANNUAL INSPECTION FEE
SEAPORT REFINING & ENV LLC	700 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
SEASONAL SUSHI	2432 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
SEQUOIA CLUB	1695 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
SEQUOIA HEALTH SERVICES	170 ALAMEDA DE LAS PULGAS	STORMWATER ANNUAL INSPECTION FEE
SEQUOIA HIGH SCHOOL	480 JAMES AVE	STORMWATER ANNUAL INSPECTION FEE
SEQUOIA YACHT CLUB	441 SEAPORT CT	STORMWATER ANNUAL INSPECTION FEE
SEVEN ELEVEN FOOD STORE	400 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
SEVEN ELEVEN STORE #14339	895 5TH AVE	STORMWATER ANNUAL INSPECTION FEE
SEVEN ELEVEN STORE #15896	1700 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
SEVEN ELEVEN STORE 2366-25411C	460 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
SEWER LIFT STATION #1	100 MARINE PARKWAY	STORMWATER ANNUAL INSPECTION FEE
SEWER LIFT STATION #10	747 DAVIT LN	STORMWATER ANNUAL INSPECTION FEE
SEWER LIFT STATION #12	790 MARINE WORLD PKWY	STORMWATER ANNUAL INSPECTION FEE
SEWER LIFT STATION #17	11 AVOCET WY	STORMWATER ANNUAL INSPECTION FEE
SEWER LIFT STATION #19	SHEARWATER @ HAMPTON/SHOA	STORMWATER ANNUAL INSPECTION FEE
SEWER LIFT STATION #2	600 MARINE WORLD PKWY	STORMWATER ANNUAL INSPECTION FEE
SEWER LIFT STATION #22	999 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE
SEWER LIFT STATION #3	512 TRIDENT WY	STORMWATER ANNUAL INSPECTION FEE
SHERWIN WILLIAMS CO	696 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
SIGONAS FARMERS MARKET	2345 MIDDLEFIELD RD	STORMWATER ANNUAL INSPECTION FEE
SILVER AUTO SERVICES	1603 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
SILVER GAS	1603 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
SIMS METAL MANAGEMENT	699 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE

SAN MATEO COUNTY OF ENVIRONMENTAL HEALTH
CURRENT BUSINESS INSPECTION LIST FOR REDWOOD CITY (2000-2011)

FACILITY NAME	SITE ADDRESS	PROGRAM/ELEMENT
SIZZLER FAMILY STEAK HOUSE	1011 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
SMART & FINAL	1185 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
SMC ROAD/SEWER DEPT	752 CHESTNUT ST	STORMWATER ANNUAL INSPECTION FEE
SMCO THHW	1400 BROADWAY ST	STORMWATER ANNUAL INSPECTION FEE
SODINIS	727 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
SOIL ENGINEERING CONSTRUCTION	927 ARGUELLO ST	STORMWATER ANNUAL INSPECTION FEE
SOUTH BAY BODY SHOP	417 D ST	STORMWATER ANNUAL INSPECTION FEE
SPECIALTY ALIGNMENT & BRAKES	1011 DOUGLAS AVE	STORMWATER ANNUAL INSPECTION FEE
SPEEDEE OIL CHANGE	550 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
STACKS RESTAURANT	314 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
STANFORD MEDICINE OUTPATIENT CTR	420-450 BROADWAY ST	STORMWATER ANNUAL INSPECTION FEE
STARBUCKS COFFEE	1045 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
STEVES CAFE & CATERING	303 TWIN DOLPHIN DR	STORMWATER ANNUAL INSPECTION FEE
STUART FLOOR CO INC	1455 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
STUDEBAKERS WEST	335 CONVENTION WY #A	STORMWATER ANNUAL INSPECTION FEE
STUTTGART MOTORS	2315 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
SUBWAY SANDWICHES & SALADS #2622	1926 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
SUHSD/TRANSPORTATION	480 JAMES AVE	STORMWATER ANNUAL INSPECTION FEE
SUISHA HOUSE	2053 BROADWAY #A	STORMWATER ANNUAL INSPECTION FEE
SURAJ INDIAN CUISINE	2550 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
SWEET STOP	312 ARGUELLO CT	STORMWATER ANNUAL INSPECTION FEE
SWIMMING POOL PERFECTIONS	629 BAIR ISLAND RD #214	STORMWATER ANNUAL INSPECTION FEE
T MOBILE WEST CORP SF1303A	2342 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
T MOBILE WEST CORP SFO3174A	830 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
T&H LUMBER	350 BLOMQUIST ST	STORMWATER ANNUAL INSPECTION FEE
TACO BELL #17997	1103 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
TACO BELL #3046	2693 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
TACOS EL CAMINO RESTAURANT	2627 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
TACOS EL GRULLENSE #1	1243 MIDDLEFIELD RD	STORMWATER ANNUAL INSPECTION FEE
TACOS EL GRULLENSE #3	795 5TH AVE	STORMWATER ANNUAL INSPECTION FEE
TACOS EL GRULLENSE E & E	999 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE

SAN MATEO COUNTY OF ENVIRONMENTAL HEALTH
CURRENT BUSINESS INSPECTION LIST FOR REDWOOD CITY (2000-2011)

FACILITY NAME	SITE ADDRESS	PROGRAM/ELEMENT
TAFT SCHOOL	903 10TH AVE	STORMWATER ANNUAL INSPECTION FEE
TALK OF BROADWAY	2096 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
TAQUERIA EL GRULLENSE	1280 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
TARGET STORE #0321	2485 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
THAI HOUSE	1742 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
THE GOLDEN GLAZE	1509 MAIN ST A	STORMWATER ANNUAL INSPECTION FEE
THE LATIN CLUB	2651 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
THE MECHANIC	48 LAUREL ST	STORMWATER ANNUAL INSPECTION FEE
THE PATIO CAFE	1 LAGOON DR	STORMWATER ANNUAL INSPECTION FEE
THE SADDLE ROOM	1607 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
THRESHOLD PHARMACEUTICALS, INC	1300 SEAPORT BLVD-5TH FLR	STORMWATER ANNUAL INSPECTION FEE
TOGOS EATERY	242 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE
TOKYO STAR	238 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE
TOWNE AUTO BODY	111 CEDAR ST	STORMWATER ANNUAL INSPECTION FEE
TOWNE FORD SALES	1601 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
TOYOTA 101	525 E BAYSHORE RD	STORMWATER ANNUAL INSPECTION FEE
TOYOTA SCION SPECIALIST	61 WILLOW ST	STORMWATER ANNUAL INSPECTION FEE
TRANS AUTO REPAIR	610 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
TRU GEEN LANDCARE	1995 E BAYSHORE	STORMWATER ANNUAL INSPECTION FEE
U S CHINESE FOOD	2490 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
UNA MAS MEXICAN GRILL	224 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE
USA INDEPENDENT	3139 JEFFERSON AVE	STORMWATER ANNUAL INSPECTION FEE
VALERO STATION #7245	503 WHIPPLE AVE	STORMWATER ANNUAL INSPECTION FEE
VERA CASH MARKET	400 VERA AVE	STORMWATER ANNUAL INSPECTION FEE
VERIZON BUSINESS	EL CAMINO N OF WHIPPLE	STORMWATER ANNUAL INSPECTION FEE
VERIZON WIRELESS	201 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE
VERIZON WIRELESS-HWY 101/Seaport	10 SEAPORT BLVD	STORMWATER ANNUAL INSPECTION FEE
VERTEX MECHANICAL INC	730 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
VETERANS SHELL 148	690 VETERANS BLVD	STORMWATER ANNUAL INSPECTION FEE
VIBRYNT INC	701 GALVESTON DR	STORMWATER ANNUAL INSPECTION FEE
VINO SANTO BISTRO	2030 BROADWAY	STORMWATER ANNUAL INSPECTION FEE

SAN MATEO COUNTY OF ENVIRONMENTAL HEALTH
CURRENT BUSINESS INSPECTION LIST FOR REDWOOD CITY (2000-2011)

FACILITY NAME	SITE ADDRESS	PROGRAM/ELEMENT
VIRGINIA CITY RAIL CORP	775 SEAPORT BLVD WHSE 1	STORMWATER ANNUAL INSPECTION FEE
VLY RADIOLOGISTS MED. GRP INC.	500 ARGUELLO ST 100	STORMWATER ANNUAL INSPECTION FEE
VRI	801 BREWSTER AVE 100	STORMWATER ANNUAL INSPECTION FEE
WENDYS OLD FASHIONED HAMBURGER	1852 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
WEST COAST COLLISION	525 STANDISH ST	STORMWATER ANNUAL INSPECTION FEE
WHEEL WORKS	2411 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE
WHIPPLE ARCO	504 WHIPPLE AVE	STORMWATER ANNUAL INSPECTION FEE
WHIPPLE AVENUE SHELL SERVICE	639 WHIPPLE AVE	STORMWATER ANNUAL INSPECTION FEE
WILLOW MARKET	37 WILLOW RD	STORMWATER ANNUAL INSPECTION FEE
WOODSIDE AUTO & TIRE CENTER	333 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
WOODSIDE CAR WASH INC	909 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
WOODSIDE CLEANERS	317 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
WOODSIDE DELICATESSEN	1453 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
WOODSIDE GASOLINE INC	710 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
WOODSIDE MANOR LIQUORS	524 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
WOODSIDE SHELL	1667 WOODSIDE RD	STORMWATER ANNUAL INSPECTION FEE
YAT SING	3770 FLORENCE ST	STORMWATER ANNUAL INSPECTION FEE
YAT SING RESTAURANT	38 WOODSIDE PLAZA	STORMWATER ANNUAL INSPECTION FEE
YEAH! RESTAURANT	246 REDWOOD SHORES PKWY	STORMWATER ANNUAL INSPECTION FEE
YOKAYAMA JAPANESE RESTAURANT	1784 BROADWAY	STORMWATER ANNUAL INSPECTION FEE
YUMI YOGURTS	947 EL CAMINO REAL	STORMWATER ANNUAL INSPECTION FEE

TOTAL NUMBER OF SITES ON CURRENT COUNTY ENVIRONMENTAL HEALTH INSPECTION LIST FOR REDWOOD CITY: 486

REDWOOD CITY INSPECTION LIST - BUSINESSES TO BE ADDED TO CURRENT SAN MATEO COUNTY INSPECTION LIST

SIC	DBA	SIC DESCRIPTION	LICENSE	BUS ADDRESS	OWNER
Adhesives and Sealants					
2891	XEROCOAT, INC.	Adhesives and Sealants	39546	200-250 CHESAPEAKE DR.	GARY WISEMAN - PRESIDENT
Animal Kennels, Shelters and Groomers					
0752	BLITZKRIEG DOBEMANNS	Animal Specialty Services, Except Veterinary	37091	245 G ST	JAMES BARRON-CO-OWNER
7299	CRITTER COMFORTS	Miscellaneous Personal Services, Not Elsewhere	29537	9 ODESSA CT	TANYA REBARCHIK
7299	DAFFY DOG	Miscellaneous Personal Services, Not Elsewhere	42163	314 MYRTLE ST.	PETER ELLIOTT, OWNER
0752	FRANCY S PET GROOMING	Animal Specialty Services, Except Veterinary	37155	650 A EL CAMINO REAL	SHU-LI HU-OWNER
5199	GROOMING WITH TLC	(Animal specialty services) Nondurable Goods, Not	26184	2070 BROADWAY	FRANCES I KRAUSS
0752	HEAVENLY PAWS TRAINING	Animal Specialty Services, Except Veterinary	37467	1811 JEFFERSON AVE	TASHA SUDA-OWNER
0752	JAVA DOG TRAINING CENTER	Animal Specialty Services, Except Veterinary	38255	2601 SPRING STREET	ANNE KAJAVA-OWNER
0752	JUMP'N JAVA AGILITY	Animal Specialty Services, Except Veterinary	36038	1166 VIRGINIA AVE	ANNE KAJAVA-OWNER
7389	MISH'S BED & BISCUIT	Business Services, Not Elsewhere Classified	38805	114 COLUMBIA AVE	MICHELLE PANAS
7389	NINE LIVES FOUNDATION / FELINE WELL-CARE	(Animal specialty services) Business Services, Not Elsewhere	41022	1683 BROADWAY	MONICA THOMPSON, D.V.M.
7299	PETS IN NEED	Miscellaneous Personal Services, Not Elsewhere	31452	1180-1190 MAIN ST.	PAT SINCLAIR-PRESIDENT,BD OF
0752	RAUL'S GROOMING CENTER	Animal Specialty Services, Except Veterinary	33257	1530 MAIN ST	JAMES PEREZ - OWNER
0752	SHANNON'S GROOMING	Animal Specialty Services, Except Veterinary	36979	1744 EL CAMINO REAL	SHANNON MCWILLIAMS-OWNER
0752	TERRI'S A+PET GROOMING	Animal Specialty Services, Except Veterinary	35126	593-D WOODSIDE ROAD	TERRI MAHONEY-OWNER
Auto Body Repair					
8999	BAY AREA DENT FREE INC.	Services, Not Elsewhere Classified	27452	1782 ANAMOR STREET	ANTHONY J. CORREIA
7539	COOK'S AUTO BODY	Automotive Repair Shops, Not Elsewhere Classified	34612	1100-1112 MAIN ST	RICK WOOD - OWNER
7549	D B AUTO PAINTING	Automotive Services, Except Repair and Carwashes	29618	411 WOODSIDE RD	DAVID A BERNAL, OWNER
7532	DENT ARTIST	Top, Body, and Upholstery Repair Shops & Paint Shops	25709	1321 TRUMAN STREET	MALCOLM WILSON
7532	EARL SCHEIB AUTO PAINTING	Top, Body, and Upholstery Repair Shops & Paint Shops	42170	899 BROADWAY	RICHARD BOSWELL, OWNER
7532	KING'S AUTO BODY "MOBILE"	Top, Body, and Upholstery Repair Shops & Paint Shops	39044	494 4TH AVE.	MARIO DANIEL MORENO
7532	LIEBES AUTO BODY	Top, Body, and Upholstery Repair Shops & Paint Shops	40688	2549 MIDDLEFIELD RD.	RICHARD ALAN LIEBES
7532	MARTINEZ FRAME, AUTOBODY & PAINT	Top, Body, and Upholstery Repair Shops & Paint Shops	38553	2401 SPRING ST.	ADRIAN MARTINEZ - OWNER
7532	MOBILE AUTO UPHOLSTERY	Top, Body, and Upholstery Repair Shops & Paint Shops	25674	3888 JEFFERSON AVE	DANIEL ROGERS
7539	MONTANA COLLISION INC DBA CG&E AUTO BODY	Automotive Repair Shops, Not Elsewhere Classified	36583	545 STANDISH ST	JOSE LUIS ESPINOSA-SEC
7532	REDWOOD CITY AUTO BODY INC	Top, Body, and Upholstery Repair Shops & Paint Shops	42472	67 CHARTER ST.	ALEX KUANG, PRESIDENT
7532	SUPERIOR BODY SHOP OF RWC	Top, Body, and Upholstery Repair Shops & Paint Shops	41900	400 CONVENTION WAY	ISSA N. AHO, CEO
7549	WEST-COAST AUTO RECON	Automotive Services, Except Repair and Carwashes	39908	117 JAMES AVE.	ALAN M. SOLORIO
7532	YIREH AUTO BODY SHOP & AUTO GLASS	Top, Body, and Upholstery Repair Shops & Paint Shops	40848	700 WARRINGTON AVE.	SAUL ROMERO, OWNER
Auto/Motorcycle Repair					
7539	650 RACING	Automotive Repair Shops, Not Elsewhere Classified	38867	583 CANYON RD.	MASUO ROBINSON
7538	A&S AUTOMOTIVE	General Automotive Repair Shops	42461	2732 BAY RD.	AFIFIO PUAMAU, OWNER
7538	ANYOTHERDAY, INC.	General Automotive Repair Shops	38140	1331 EL CAMINO REAL	MATHEW HERMENN - PRESIDENT
7539	ARTUROS PICENOS	Automotive Repair Shops, Not Elsewhere Classified	36565	1175 SHASTA STREET	HIPOLITO PICENO-OWNER
7538	AUTO SUPPLY CENTER, INC	General Automotive Repair Shops	41479	929 MAIN ST.	LARRY M. THACKER, PRESIDENT
7539	BAY AREA SPEED-O-MOTIVE	Automotive Repair Shops, Not Elsewhere Classified	37784	861 WARRINGTON AVE	BRIAN ALLEN WHITE-OWNER
7538	BAYFIX AUTO SERVICE	General Automotive Repair Shops	41284	94 LAUREL ST.	ROSANGELA SCHOENAMSGRUBER
7538	BRITISH EUROPEAN MOTOR	General Automotive Repair Shops	41638	2001 SPRING ST.	AHMAD SALEH, OWNER
7539	BCD TRUCK BODY AND TRAILER REPAIR	Automotive Repair Shops, Not Elsewhere Classified	37150	1645 SIERRA ST	PETE CASTRO-OWNER
5599	BRITISH EUROPEAN MOTORS	(Auto repair) Automotive Dealers, Not Elsewhere Classified	41815	2001 SPRING ST.	AHMAD MATT SALEH, OWNER
55	BROADWAY AUTO SERVICE	(Auto repair) AUTOMOTIVE DEALERS & SERVICES STATIONS	01420	1101 BROADWAY	DIANA & WILLIAM CLARK MANN
7538	CHESTER'S AUTO REP. & BODY	General Automotive Repair Shops	38781	2966 BAY ROAD #B	VICTOR ZEGARRA - OWNER
7538	CUSCHIERI AUTO AND TRUCK REPAIR	General Automotive Repair Shops	41967	629 BAIR ISLAND RD. #115	ROBERT CUSCHIERI, OWNER
7538	DAVID GUTIERREZ'S AUTO REPAIR	General Automotive Repair Shops	40839	693 HAMPSHIRE AVE.	DAVID GUTIERREZ - OWNER
7538	DEUTSCHEAUTOS	General Automotive Repair Shops	27563	1205 SHASTA ST.	KEVIN MACHALA

REDWOOD CITY INSPECTION LIST - BUSINESSES TO BE ADDED TO CURRENT SAN MATEO COUNTY INSPECTION LIST

SIC	DBA	SIC DESCRIPTION	LICENSE	BUS ADDRESS	OWNER
7538	DINO FRY ENTERPRISES	General Automotive Repair Shops	38970	417 MACARTHUR AVE.	DINO FRY
7538	ELIAN S AUTO REPAR	General Automotive Repair Shops	38973	2690 BAY ROAD	JOHN ELIAN
7538	ET AUTO	General Automotive Repair Shops	40114	639 BAIR ISLAND RD.	TIM LEE - OWNER
7539	GP ENTERPRISES	Automotive Repair Shops, Not Elsewhere Classified	36467	3014 ROLISON ROAD	GEOFF PROVO-OWNER
7538	G.R. PERFORMANCE, INC.	General Automotive Repair Shops	39147	3012 SPRING ST.	MARTIN ALVAREZ
7538	HP TEST ONLY	General Automotive Repair Shops	39239	2573 SPRING ST.	NGOC THI LE
7538	JAVIER PATINO AUTO REPAIR	General Automotive Repair Shops	42216	2729 NORTHSIDE ST.	JAVIER PATINO, OWNER
75	JAMES W. LAHEY	AUTO REPAIR, SERVICES, & GARAGES	10463	132 WILSON ST	JAMES LAHEY, OWNER
7538	DBA JIFFY LUBE #1802	General Automotive Repair Shops	41383	640 WHIPPLE AVE.	M.C., LLC
7699	JIM S CERRONE & SONS, INC.	Repair Shops and Related Services, Not Elsewhere Classified	28459	2306 EL CAMINO REAL	FRANK CERRONE,PRES.
7538	JP AUTOMOTIVE	General Automotive Repair Shops	41105	2623 MIDDLEFIELD RD.	JOSH PRESTON
75	KENNEDY PAINT AND BODY SHOP	AUTO REPAIR, SERVICES, & GARAGES	01087	1026 EL CAMINO REAL	KENNEDY & ALLEN, INC.
7538	LALO'S AUTO MECHANIC	General Automotive Repair Shops	40572	2959 FAIR OAKS AVE.	GERARDO ESCALLERA - OWNER
7538	LATE NIGHT TUNING	General Automotive Repair Shops	39278	2860 FAIR OAKS AVE.	BRIAN SPADY
7538	LUXURY EUROPEAN	General Automotive Repair Shops	38183	850 CHARTER ST.	MICHAEL CHERNOTSKY-OWNER
75	MARIO'S J AUTO BODY	AUTO REPAIR, SERVICES, & GARAGES	15614	430 MACARTHUR AVENUE	JOSE MORIBELI SOLANO
75	MASON'S AUTO BODY	AUTO REPAIR, SERVICES, & GARAGES	17356	525 STANDISH STREET	MIKE MASON
7549	MERCEDES MASTERS / ECO AUTO	Automotive Services, Except Repair and Carwashes	39642	535 ARLINGTON RD.	BEN JOHNSON - OWNER
7538	N.B.S MOTORS	General Automotive Repair Shops	32756	1612 EL CAMINO REAL	RICK GARRETT - OWNER
55	OC-II/OIL CHANGERS	AUTOMOTIVE DEALERS & SERVICES STATIONS	12501	2762 EL CAMINO REAL	LUBE MANAGEMENT CORP
7538	ON SITE AUTOMICTIC DIAG	General Automotive Repair Shops	34247	7-A FRIENDLY CT	ERIC CHARLES FOSTER-OWNER
75	PENINSULA AUTO & TRUCK REPAIR	AUTO REPAIR, SERVICES, & GARAGES	19080	3018 SPRING STREET	GABRIEL SAVA
7538	PINTOS AUTOMOBILE REPAIR SHOP	General Automotive Repair Shops	38525	891 BARRON AVE.	JOSE PINTO LOPEZ - OWNER
7539	QT AUTO REPAIR	Automotive Repair Shops, Not Elsewhere Classified	37764	2533-B MIDDLEFIELD RD.	JESSICA TRAN-OWNER
7539	QUALITY MOTORCYCLE SERVICE	Automotive Repair Shops, Not Elsewhere Classified	37323	335 ST FRANCIS ST	WALTER G. BEVENS-OWNER
7538	REDWOOD CITY AUTO REPAIR	General Automotive Repair Shops	40988	891 BARRON AVE.	ROBERTO HERRERA HERNANDEZ
7538	RT AUTOMOTIVE	General Automotive Repair Shops	42422	861 WARRINGTON AVE.	TUNG TRUONG, OWNER
7549	R.A AUTO REPAIR	Automotive Services, Except Repair and Carwashes	42078	700 WARRINGTON AVE.	SAMUEL ROMERO, OWNER
7539	RANDY S MOBILE TECH	Automotive Repair Shops, Not Elsewhere Classified	37318	789 PORTWALK PLACE	RANDY DEAN EADES-OWNER
7539	RAY & JAN'S TRUCK SERVICE	Automotive Repair Shops, Not Elsewhere Classified	34903	709 ALAMEDA DE LAS PULGAS	RAY DIAZ-OWNER
75	REDWOOD AUTO	AUTO REPAIR, SERVICES, & GARAGES	17302	718 WARRINGTON	JAMES MCLAREN
7537	REDWOOD CITY TRANSMISSION	Automotive Transmission Repair Shops	38899	412 MACARTHUR AVE.	JESUS DELGADO
7539	RWC EUROPEAN CRS	Automotive Repair Shops, Not Elsewhere Classified	37751	105 EL CAMINO REAL	MIRO BRESIC-OWNER
7539	SANCHEZ MOBILE AUTO REPAIR	Automotive Repair Shops, Not Elsewhere Classified	36114	855 BARRON AVE #B10	ADAM SANCHEZ-OWNER
7549	SCOTT ENTERPRISES	Automotive Services, Except Repair and Carwashes	39266	1967 MADDUX DR.	JOHN J. SCOTT
7699	SPEEDY'S CUSTOM CYCLES & DETAILING	Repair Shops and Related Services, Not Elsewhere Classified	42678	2893 SPRING ST.	CESAR GUZMAN, OWNER
7538	STANIMIR TZENKOV T & S	General Automotive Repair Shops	42344	90 WINSLOW ST.	STANIMIR TZENKOV, OWNER
7538	SUNNY S AUTO REPAIR, INC	General Automotive Repair Shops	39389	35 HAZEL AVE.	SOHAIL IRSHAD
7539	THE TOYOTA -SCION SPECIALIST	Automotive Repair Shops, Not Elsewhere Classified	34453	61 WILLOW ST	SERGIO G. PACAZO
Auto/Motorcycle Sales (New and Used)					
5012	5 STAR MOTORS	Automobiles and Other Motor Vehicles	31651	1391 WOODSIDE RD. #205	IBRAHIM IBRAHIM MATAR - OWNER
5521	AMANA AUTO	Motor Vehicle Dealers (Used Only)	42166	1870 INDUSTRIAL WAY	AMANA AUTO, LLC
5521	AUTO CITY	Motor Vehicle Dealers (Used Only)	36760	694 EL CAMINO REAL	JEAN ELLAN
5521	AUTO START, INC.	Motor Vehicle Dealers (Used Only)	37657	1903 EL CAMINO REAL	PETER VOLOSHKO - PRESIDENT
55	BOARDWALK AUTO CENTER	AUTOMOTIVE DEALERS & SERVICES STATIONS	00081	1 BAIR ISLAND ROAD	BOB KISSICK
5521	BOARDWALK CHEVROLET	Motor Vehicle Dealers (Used Only)	39134	535 BAYSHORE RD. EAST	JAMIE KOPF-PRESIDENT
5599	BOARDWALK NISSAN	Automotive Dealers, Not Elsewhere Classified	22996	1 BAIR ISLAND ROAD	JAMIE KOPF, PRESIDENT
5012	BOWMAN MOTORS, LLC	Automobiles and Other Motor Vehicles	29635	312 CHESTNUT ST. SUITE B	LAWRENCE A BOWMAN, MEMBER

REDWOOD CITY INSPECTION LIST - BUSINESSES TO BE ADDED TO CURRENT SAN MATEO COUNTY INSPECTION LIST

SIC	DBA	SIC DESCRIPTION	LICENSE	BUS ADDRESS	OWNER
5599	CARLSEN PORSCHE	Automotive Dealers, Not Elsewhere Classified	31359	3636 HAVEN AVE.	CHARLES A BURTON - PRESIDENT
5012	CASPIAN HI-LINE CARS	Automobiles and Other Motor Vehicles	31416	1611 BROADWAY	NASER RASSOOLI - OWNER
5599	CITY AUTO SUPPLY	Automotive Dealers, Not Elsewhere Classified	33196	2745 SPRING ST	LARRY CHEW - PRESIDENT
8999	COOK'S AUTO SALES	Services, Not Elsewhere Classified	13756	819 CASSIA ST	RAYMOND COOK
5511	DYNAMIC AUTO WEST	Motor Vehicle Dealers (New and Used)	2002989	1823 EL CAMINO REAL	DENNIS PECK
5521	EL CAMINO MOTORS /FERRARI MASERATI OF	Motor Vehicle Dealers (Used Only)	35270	2750 EL CAMINO REAL	ARTHUR W. ZAFIROPOULO-MANAGER
5013	EUROCULLEN	Motor Vehicle Supplies and New Parts	33422	1541 JAMES AVE	CULLEN K HOLM - OWNER
5599	GONZALEZ AUTO SALES	Automotive Dealers, Not Elsewhere Classified	31514	2920 MIDDLEFIELD RD.	ARTURO GONZALES - OWNER
5012	JSL MOTORSPORTS LLC	Automobiles and Other Motor Vehicles	40320	117 CHARTER ST.	JOSEPH S. LACOB - MGR.
5012	JUST CARS NO 2	Automobiles and Other Motor Vehicles	23394	410 MAPLE ST.	RICHARD A. ROSS
5511	LORF DEVELOPMENT	Motor Vehicle Dealers (New and Used)	38409	480 VETERANS BLVD.	JOYCE FECHI - OWNER
5571	MDK DEALERSHIP GROUP, LLC	Motorcycle Dealers	38066	890 SECOND AVE.	MDK MOTOR SPORTS, LLC
7389	PENINSULA AUTO WHOLESALE	Business Services, Not Elsewhere Classified	38663	610 FLYNN AVE.	SAMI YACOUB - OWNER
5599	RDK AUTO SALES	Automotive Dealers, Not Elsewhere Classified	34218	703 WOODSIDE RD	RICHARD MANN
5521	REDWOOD MOTORS SALES AND REPAIR	Motor Vehicle Dealers (Used Only)	41992	725 WARRINGTON AVE.	BLAKE DORAN, OWNER
5599	SKY DOLPHIN LLC	Automotive Dealers, Not Elsewhere Classified	42692	2910 BAY RD.	JORGE ROBLES, MANAGER
5571	SPORTS CYCLE LEASING, INC.	Motorcycle Dealers	39353	888 SECOND AVE. #200	PAUL JOHANNSEN - CEO
5012	TOMMY'S AUTO SALES	Automobiles and Other Motor Vehicles	36280	2666 MIDDLEFIELD RD.	ANASTASIOS TZELEPIS-OWNER
5511	TOWNE FORD SALES	Motor Vehicle Dealers (New and Used)	01571	1601 EL CAMINO REAL	BEN KOPF, JR.
Automotive Services: Car and Large Truck Wash (inc. Mobile) and Auto Detailing					
7542	AUTO PRIDE CAR WASH	Carwashes	21605	909 WOODSIDE ROAD, RC	STEVE STORUM
5999	AUTO PRIDE CAR WASH	Miscellaneous Retail Stores, Not Elsewhere Classified	21596	909 WOODSIDE ROAD, RC	STEVE STORUM
7549	CLAUDIA MINCHEZ S AUTO DETAILING	Automotive Services, Except Repair and Carwashes	41602	150 HARRISON AVE. 1A	CLAUDIA MINCHEZ, OWNER
7389	CLEARWATER CAR WASH	Business Services, Not Elsewhere Classified	34380	1641 BROADWAY	ROBERT V. CAVALIERI
7542	DELTA AUTO DETAILERS	Carwashes	31552	332 CHESTNUT STREET	MARIO MEDINA - OWNER
7549	JIMENEZ MOBILE AUTO DETAILING	Automotive Services, Except Repair and Carwashes	40111	1735 BROADWAY #8	RUBEN JIMENEZ
7389	L & G MOBILE TRUCK	Business Services, Not Elsewhere Classified	40396	1418 GORDON ST APT #11	LILLIAN AZUARRA
7542	MAIN ST SELF SERVE CAR WASH	Carwashes	38578	1385 MAIN ST.	JOHN TITUS - OWNER
7389	MOBILE LEE CAR WASH	Business Services, Not Elsewhere Classified	41951	620 HOPKINS AVE. #3	ROBERT LEE, OWNER
7542	SUPERIOR MOBILE AUTO DETAILING	Carwashes	34058	494 4TH AVE	MARIO DANIEL MORENO
7542	THE NEXT LEVEL	Carwashes	27407	219-B BUCKEYE ST	HANK WACZKOWSKI
7389	VINCY'S MOBILE CAR WASH	(Car wash) Business Services, Not Elsewhere Classified	42004	1500 HUDSON ST. #23	JOSEPH SANGIL, OWNER
7389	WEST COAST WASH & WAX	(Car wash) Business Services, Not Elsewhere Classified	33561	2701 WASHINGTON AVE	JESUS BARRIGA-OWNER
7542	WOODSIDE ROAD SELF SERVE CAR WASH	Carwashes	39682	305 WOODSIDE RD.	J&S CAR WASHES, LLC
Auto Services: Towing					
7549	ABLE TOWING CO.	Automotive Services, Except Repair and Carwashes	30873	27 GARDEN ST	LEO MARK SOLARI-OWNER
7549	ABLE TOWING CO.	Automotive Services, Except Repair and Carwashes	31422	1111 ARGUELLO STREET	LEO MARK SOLARI - OWNER
7549	ALL WEATHER TOWING	Automotive Services, Except Repair and Carwashes	36632	3060 MIDDLEFIELD RD.	GARY VAHDATPOUR
7549	CERVANTES TOWING & TRANSPORT	Automotive Services, Except Repair and Carwashes	41492	1207 HOPKINS AVE. #1	PEDRO U. CERVANTES, OWNER
7549	EL DORADO TOWING	Automotive Services, Except Repair and Carwashes	34362	2710 SPRING ST.	GILBERT MEDRANO-OWNER
7549	JAYS TOWING SERVICE	Automotive Services, Except Repair and Carwashes	35885	773 HURLINGAME AVENUE	JOHN FRANKLIN FUHRMAN-OWNER
7549	L & J TOWING	Automotive Services, Except Repair and Carwashes	35973	3158 ROLISON RD	LUIZ R. PORFIRIO-OWNER
7549	LK S TOWING	Automotive Services, Except Repair and Carwashes	40632	92 BUCKINGHAM AVE. # A	LUIS E. ALVAREZ - OWNER
7549	LOURAL TOWING, INC.	Automotive Services, Except Repair and Carwashes	41107	2432 BAY RD.	ERICK CORTES - OWNER
7549	OCCIDENTE TOWING	Automotive Services, Except Repair and Carwashes	29003	2727 FAIR OAKS	TOMAS VELASQUEZ, OWNER
7549	ON YOUR TIME AUTO TOWING	Automotive Services, Except Repair and Carwashes	40586	2823 HUNTINGTON AVE.	DANIELLE MARIA - OWNER
7549	PORTA'S TOWING	Automotive Services, Except Repair and Carwashes	03483	3020 ROLISON ROAD	CARL J. PORTA
7549	SPARTA TOWING & TRANSPORT	Automotive Services, Except Repair and Carwashes	40607	2847-B MIDDLEFIELD RD.	RAFAEL VAZQUEZ QUINTANA

REDWOOD CITY INSPECTION LIST - BUSINESSES TO BE ADDED TO CURRENT SAN MATEO COUNTY INSPECTION LIST

SIC	DBA	SIC DESCRIPTION	LICENSE	BUS ADDRESS	OWNER
7549	SPECIALTY TOWING	Automotive Services, Except Repair and Carwashes	38584	2666 MIDDLEFIELD RD. UNIT B	ISABEL TRUJILLO - OWNER
Auto Services: Salvage					
7549	A-AUTO DISPOSAL	Automotive Services, Except Repair and Carwashes	37902	1401 ARGUELLO ST	PEDRO C. MORA-OWNER
2051	A BUONOCORE LA BISCOTTERIA	Bread & Other Bakery Products, Not Cookies & Crackers	33474	2747 EL CAMINO REAL	AUGUSTINE F BUONOCORE-OWNER
2051	ALLEGROUP LLC DBA GOOD EARTH	Bread & Other Bakery Products, Not Cookies & Crackers	34840	2565 MIDDLEFIELD ROAD	G. ALAN MOLL-OWNER
7389	BRAVO'S BAKERY	(Bread & Other Bakery Products, Not Cookies & Crackers)	34178	897 BARRON AVE #3	SONJA BRAVO-OWNER
5149	CAKEHAPPY	(Bakery) Groceries and Related Products, Not Elsewhere	39342	897 BARRON AVE. #3	KAREN KIMURA
2051	COCOLA, INC.	Bread & Other Bakery Products, Not Cookies & Crackers	39223	2810 BAY RD.	AMIRALI ALIABADI
2051	DOUCE FRANCE	Bread & Other Bakery Products, Not Cookies & Crackers	26806	686 BROADWAY	MAURO R. FERREIRA, PRESIDENT
2051	EASTERN DELICACY INC	Bread & Other Bakery Products, Not Cookies & Crackers	37873	1757 BAYSHORE RD EAST #20	LORRAINE LIM-CHOW-
2051	JARRITOS FOODS	Bread & Other Bakery Products, Not Cookies & Crackers	34342	2966 BAY ROAD	MARIA L. CABALLERO-OWNER
Building and Nursery Materials/Supplies (Wholesale and Retail)					
5211	A.B.C READY MIX	Lumber and Other Building Materials Dealers	40637	2496 BAY RD.	TIMOTHY J. BENDER - OWNER
52	GEN HARDWARE & BUILDERS SUPPLY INC.	BUILDING MATERIALS & GARDEN SUPPLIES	09108	80 CHEMICAL WAY	DENNIS A NEVES
52	M & M NURSERY	BUILDING MATERIALS & GARDEN SUPPLIES	01218	332 WOODSIDE ROAD	MANFRED MAIER - OWNER
5211	PLASTIC LUMBER WEST	Lumber and Other Building Materials Dealers	41729	2053 EAST BAYSHORE RD. #13	WILLIAM T. FLYNN, OWNER
5193	ORSA ORGANIX	Flowers, Nursery Stock, and Florists' Supplies	40810	111 WILLOW ST.	DORIS MOLAKIDES - COO
52	REDWOOD CITY NURSERY, INC.	BUILDING MATERIALS & GARDEN SUPPLIES	12607	2760 EL CAMINO REAL	MARK W BROWN
73	T & H BUILDING SUPPLY INC	BUSINESS SERVICES	05159	350 BLOMQUIST STREET	PETE HODGSON
5261	WEGMAN S NURSERY, INC.	Retail Nurseries, Lawn and Garden Supply Stores	01630	492 WOODSIDE ROAD	THE WEGMAN FAMILY PARTNERS, LP
Business Services: Catering					
7389	ANSON S CATERING	Business Services, Not Elsewhere Classified	39841	604 5TH AVE. #A	DANNY CHEN
7389	CATERING CENTRAL	Business Services, Not Elsewhere Classified	41917	1020 HANSEN WAY	MARCOS BELFIORE, OWNER
7389	FOOD FOR THOUGHT	Business Services, Not Elsewhere Classified	09159	994 EMERALD HILL RD	RUTH E REIM
7389	T-HOSS BARBEQUE	Business Services, Not Elsewhere Classified	40467	534 HUDSON ST.	ERIC THOSS - OWNER
Business Services: Misc.					
7389	BEDOLLAS	Business Services, Not Elsewhere Classified	34232	308 2ND AVE	FILIBERTO SALTO BEDOLLA
7389	CRUZ TOURS	Business Services, Not Elsewhere Classified	28527	PO BOX 3484	DEYANIRA CRUZ
7389	K & G PLASTIC WELDING	Business Services, Not Elsewhere Classified	29193	344 G ST	KEVIN MORA, OWNER
7389	METROPILITAN STEVEDORE	Business Services, Not Elsewhere Classified	35019	775 SEAPORT BLVD.	
7389	PLASTEK LLC	Business Services, Not Elsewhere Classified	34988	525 E. BAYSHORE RD.	STEPHEN S. HILLER-MANAGER
7389	SWEEPALOT INC	Business Services, Not Elsewhere Classified	06906	867 2ND AVE #C	BRIAN JENKINS
7389	UPS SUPPLY CHAIN	Business Services, Not Elsewhere Classified	36506	1 LAGOON DR	RICHARD D. BISHOP-ASST TREASURER
7389	WIT PLATING	Business Services, Not Elsewhere Classified	36352	1692 TACOMA WAY #10	BARBARA NOBRIGA, PRESIDENT
7389	YASHENG GROUP	Business Services, Not Elsewhere Classified	41013	805 VETERANS BLVD. #228	YASHENG GROUP, INC.
Business Services: Unknown					
73	KAZ CO	BUSINESS SERVICES	14498	546 LAKEVIEW WAY	JOE KAZ
73	NIMAN SYSTEMS	BUSINESS SERVICES	19707	122 HILLVIEW AVE	SAEED MOKHTARANI
73	PORTRIGHT INDUSTRIES	BUSINESS SERVICES	18736	PO BOX 7158,	GAYLORD R. VAN DYNE
73	R & S DIAMOND WORKS	BUSINESS SERVICES	21828	849 MOHICAN WAY, RC	ROBERT FISHER
73	SUNNY IMPORT & EXPORT	BUSINESS SERVICES	05955	539 KEELSON CIRCLE	CHRIS CHOW
7389	CAPTAIN DAVE'S SPORTFISHING CHARTERS	Business Services, Not Elsewhere Classified	37108	1923 ALAMEDA DE LAS	DAVID CORSINOTTI-CAPTAIN
7389	CLAWSON FINISHING	Business Services, Not Elsewhere Classified	35888	654 CANYON RD	WILLIAM L. CLAWSON-OWNWER
7389	D-LIGHTING	Business Services, Not Elsewhere Classified	35676	28 ADMIRALTY PLACE	RON HERZ-PRINCIPAL
7389	FOR MOR TRADERS	Business Services, Not Elsewhere Classified	40883	20 DUANE ST. #4	PAMELA MOORE - OWNER
7389	GERBOTH FIRE EXTINGUISHER CO.	Business Services, Not Elsewhere Classified	42382	1736 EL CAMINO REAL	DELVIN C. COUNTESS, OWNER
7389	HACKLEY PARTNERS	Business Services, Not Elsewhere Classified	39386	961 PLEASANT HILL RD.	WILLIAM SCHMITT
7389	HARANO & ASSOCIATES	Business Services, Not Elsewhere Classified	21946	225 BRIGHTON LN	KENNETH Y. HARANO

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SIC	DBA	SIC DESCRIPTION	LICENSE	BUS ADDRESS	OWNER
7389	HEINIEHEAD	Business Services, Not Elsewhere Classified	40816	141 CLINTON ST.	ELIZABETH CHINCARRNI
7389	KC THE BAR-B-QUE MAN	Business Services, Not Elsewhere Classified	40771	333 BRADFORD ST. SUITE 150	KEITH CARTER - OWNER
7389	LAKESCAPE TECHNOLOGIES, INC.	Business Services, Not Elsewhere Classified	42548	740 DAVIT LANE	WEIPING YE, CEO
7389	LITTLE WHITE ICE CREAM TRUCK	Business Services, Not Elsewhere Classified	42454	543 SCOTT AVE.	MARIO IVAN MAGANA, OWNER
7389	NINTENDO OF AMERICA, INC.	Business Services, Not Elsewhere Classified	39184	2000 BRIDGE PKWY. SUITE 200	TATSUMI KIMISHIMA - CEO
7389	O.K.'S RAINGUTTER SERVICE	Business Services, Not Elsewhere Classified	34745	329 BELMONT AVE.	OLIVER KENNETH ALEXANDR-
7389	OM H & COMPANY	Business Services, Not Elsewhere Classified	21240	162 ROOSEVELT AVE #1, RC	VINSON J. HUDSON II
7389	PENINSULA OXIDE	Business Services, Not Elsewhere Classified	38873	629 BAIR ISLAND RD. #133B	
7389	PERFORMANCE LOGISTIC & MOVERS, INC.	Business Services, Not Elsewhere Classified	41024	57 BROADWAY	NARDA M. V.D.
7389	PMW SERVICE	Business Services, Not Elsewhere Classified	41668	1500 HUDSON ST. #3	ELLIE BLYUMBERG, OWNER
7389	POST TIME DISTRIBUTION	Business Services, Not Elsewhere Classified	37466	517 RUBY STREET	PAUL O' CONNOR-OWNER
7389	RESERVINO	Business Services, Not Elsewhere Classified	41660	1220 WESTWOOD ST.	RYAN OTO, PARTNER
7389	ROCKY S MOBILE SERVICE	Business Services, Not Elsewhere Classified	40354	1021 HILTON ST. #B	ROQUE RAMIREZ - OWNER
7389	TOP WESTERN TRADE	Business Services, Not Elsewhere Classified	39627	1165 MARSH RD.	DUC M. NGUYEN - OWNER
7389	WOODSIDE WOODS, INC.	Business Services, Not Elsewhere Classified	40178	620 EASTVIEW WAY	JOHN M. BLACKMORE
Chemical Products					
28	THE SHERWIN-WILLIAMS CO	CHEMICALS & ALLIED PRODUCTS	04728	696 BROADWAY	THE SHERWIN-WILLIAMS COMPANY
5169	BAYCHEM, INC.	Chemicals and Allied Products, Not Elsewhere Classified	12613	805 VETERANS BLVD. SUITE	GHASSEM ARABIAN
8999	BASIC CHEMICAL SOLUTIONS, LLC	Services, Not Elsewhere Classified	34962	525 SEAPORT BLVD.	MARK J. BYRNE
5169	ESBRO CHEMICAL	Chemicals and Allied Products, Not Elsewhere Classified	42052	775 SEAPORT BLVD.	RORY MANLEY, GM
5169	PENINSULA JANITORIAL SUPPLIES	Chemicals and Allied Products, Not Elsewhere Classified	38583	1670 CONNECTICUT DR.	VICTOR GARCIA - OWNER
Combination Utilities					
4939	PACIFIC GAS & ELECTRIC CO	Combination Utilities, Not Elsewhere Classified	01524	10 SEAPORT BLVD	ROBERT M FREDIANELLI
8731	VOYAGE MEDICAL, INC.	Commercial Physical and Biological Research	41363	610 GALVESTON DR.	VAHID SAADAT, CEO
Communication Services					
4899	PACIFIC BELL	Communications Services, Not Elsewhere Classified	38870	1200 MARSH RD.	
4899	PACIFIC BELL TELEPHONE	Communications Services, Not Elsewhere Classified	33385	2001 BAYSHORE RD EAST	RAYFORD WILKINS, JR-PRES
Construction Materials (inc. Cement, Asphalt and Aggregate)					
5039	BUILDERS ENERGY PRODUCTS INC.	Construction Materials, Not Elsewhere Classified	41093	121 BEECH ST.	PETE HANDY, PRESIDENT
5032	HANSON AGGREGATES MID-PACIFIC,INC	Brick, Stone, and Related Construction Materials	32223	262 HINMAN RD	WILLIAM H. BUTLER-VP
5039	TRINITY INDUSTRIES	Construction Materials, Not Elsewhere Classified	39552	867 BARRON ST. UNIT# 4	ENRIQUE TORRES - OWNER
Direct Selling Establishments					
5963	ALL ICE CREAM & CATERING	Direct Selling Establishments	36700	PO BOX 2752	GEORGE VILLACORTA JR-OWNER
5963	ARIAS ICE CREAM	Direct Selling Establishments	34309	348 4TH AVE #7	JAIME ARIAS
5963	C.LEMUS ICE CREAM	Direct Selling Establishments	32344	622 3RD AVE	CARLOS LEMUS
5963	DON'T BE A JERKY, JERKY!	Direct Selling Establishments	41954	15 WOODHILL DR.	DESIDERIO ANTONIO RODRIGUEZ
5963	FLAMIN DOGS	Direct Selling Establishments	37707	465 CONVENTION WAY	BENJAMIN C. LAMANTIA
5963	JOSE ISABEL CALDERON ICE CREAM	Direct Selling Establishments	35929	3418 ROLISON RD. #7	JOSE CALDERON-OWNER
5963	KARINA ICE CREAM	Direct Selling Establishments	29151	2297 SPRING ST.	ALFREDO CASTELLANOS
5963	MAX VALDOVINOS ICE CREAM	Direct Selling Establishments	37430	626 SCOTT AVE	MAXIMILIAN VALDOVINOS-OWNER
5963	MECH. ORTEZ ICE CREAM	Direct Selling Establishments	35255	109 BROADWAY	HORACIO H. ORTEZ - OWNER
5963	RAINBOW ICE CREAM	Direct Selling Establishments	37140	2271 EUCLID AVE	HASAN ALKHATIB-OWNER
5963	WORLD'S RARE PLANTS	Direct Selling Establishments	41808	1615 OAK AVE.	MARY A. WUYDTS, CO-PARTNER
5963	YOUNG'S ICE CREAM & CANDY BAR	Direct Selling Establishments	35689	2020 BROADWAY	CARLOS A. LOPEZ-OWNER
Drinking Places					
5813	FLAMINGOS NIGHT CLUB	Drinking Places (Alcoholic Beverages)	25436	1776 BROADWAY	RODOLFO D. CARRANZA
5813	MORGAN ROSE, INC.	Drinking Places (Alcoholic Beverages)	31719	727 EL CAMINO REAL	SHARON S. DINSLAGE
5813	MR FROG'S	Drinking Places (Alcoholic Beverages)	30449	840 BREWSTER AVE.	MARIA C BUIZA - OWNER

SIC	DBA	SIC DESCRIPTION	LICENSE	BUS ADDRESS	OWNER
5813	THE BROADWAY LOUNGE	Drinking Places (Alcoholic Beverages)	37814	700 WINSLOW	WRM ENTERPRISES LLC-PRESIDENT
5813	VILLA ROMA COCKTAIL LOUNGE	Drinking Places (Alcoholic Beverages)	40353	593 WOODSIDE RD.	G & G INVESTORS RCCA, LLC
Eating and Drinking Places					
58	LITTLE COPENHAGEN RESTAURANT	EATING & DRINKING PLACES	17023	360 WOODSIDE PLZ	PREBEN MORTENSEN
5812	ABSOLUTE BARBECUE COMPANY	Eating Places	26906	3600 HAVEN AVE., SUITE 3	DANA CLARK
5812	ALBERTO S	Eating Places	41261	355 HELLER ST. #A	ALBERTO HUERTA, OWNER
5812	ANABELITA S	Eating Places	37556	2855 MIDDLEFIELD ROAD	DORA BETY ALVAREZ-OWNER
5812	ANGEL HEART CAKES	Eating Places	42623	3716 FLORENCE ST.	CHRISTINE M. RIVERA, CO-OWNER
5812	ANGELICA'S BISTRO LLC	Eating Places	38320	863 MAIN ST.	ANGELICA SOLORZANO - OWNER
5812	ARGUELLO CATERING CO. SOUTH	Eating Places	29823	1757 EAST BAYSHORE RD #14	VARSITY RESTAURANTS,INC.
5812	AU COEUR DES CHOCOLATS	Eating Places	39458	141 WILSON ST.	DOUG BASEGIO
5812	BARRACUDA SUSHI KAITEN	Eating Places	40909	865 MIDDLEFIELD RD.	NAM KIM - PRESIDENT
5812	BAY AREA RESTAURANT	Eating Places	38231	855 MIDDLEFIELD RD.	ROBIN LAL - OWNER
5812	BAY BURGER	Eating Places	42076	764 WOODSIDE RD.	GERMAN VIVANCO, OWNER
5812	BAY LEAF CAFE	Eating Places	40882	1201 RADIO RD.	MUFID ZANANIRI - OWNER
5812	BEIJING KITCHEN	Eating Places	30553	711 EL CAMINO REAL	DAVIDS HAWAIIAN DRIVE INN CORP
5812	BF FOODS, LLC	Eating Places	37245	491 EL CAMINO REAL	ARVIND JAIN-CEO
5812	BISTRO F-1, LLC	Eating Places	35749	2750 EL CAMINO REAL	EL CAMINO MOTORS, LLC
5812	BLOOMQUIST CATERING	Eating Places	35459	337 LOWELL ST	MARYANN BLOOMQUIST-OWNER
5812	BLUE FIN PARTY SUSHI	Eating Places	42128	2327 BROADWAY	KE WANG, OWNER
5812	BOCA CALIENTE LLC, DBA SAGGIO	Eating Places	42361	2397 BROADWAY	RABIE ASKARI-SOBI, OWNER
5812	BREAKERS CAFE	Eating Places	33600	270 WOODSIDE PLAZA	JIMMY S DODGE-CO-OWNER
5812	BROADWAY BARISTA	Eating Places	42550	2088 BROADWAY	KHIN SANDITHU, OWNER
5812	CAFE LA TARTINE, LLC	Eating Places	40583	830 MIDDLEFIELD RD.	PATRICIA ANAGNOSTOU - MGR.
5812	CAFFINO	Eating Places	35527	528 WOODSIDE ROAD	BORIS TEKSLER-PRESIDENT
5812	CASSIS CATERING	Eating Places	36209	1757 E. BAYSHORE RD. #B1	NIR PERRY-GENERAL MANAGER
5812	CATERING BY DANA LLC	Eating Places	26905	3600 HAVEN AVE. #3	DANA CLARK
5812	CEC ENTERTAINMENT INC	Eating Places	28664	2541-43 EL CAMINO REAL	MICHAEL H MAGUSIAK - CEO &
5812	CHINA HOT RESTAURANT	Eating Places	42609	2525 EL CAMINO REAL	MR. KE WANG, OWNER
5812	CIAO BELLA CATERING	Eating Places	41442	1782 HAMPTON AVE.	PAULETTE ELLIOTT, OWNER
5812	COMPASS GRP USA INC	Eating Places	20874	350 ORACLE PKWAY	
5812	COMPASS GRP USA INC	Eating Places	23912	200 ORACLE PARKWAY	
5812	COMPASS GRP USA INC	Eating Places	26277	600 ORACLE PARKWAY	
5812	COMPASS GRP USA INC	Eating Places	26287	400 ORACLE PARKWAY #400	
5812	CROUCHING TIGER RESTAURANT	Eating Places	40295	2644 BROADWAY	TONIA YEH - CEO
5812	CRYSTAL SPRINGS CATERING INC.	Eating Places	35772	350 CONVENTION WAY	ROBERT SANTANA-PRESIDENT
5812	DAILY BOOST	Eating Places	40025	2208 BROADWAY	RUHINA KARMALI - OWNER
5812	DESEO	Eating Places	39784	851 MAIN ST.	RENATO CUSIMANO - OWNER
5812	EL GRULLENSE GRILL	Eating Places	37932	768 WOODSIDE RD	JUAN GAMEZ-PARTNER
5812	EL JOROCHO #2	Eating Places	41947	1798 BROADWAY	DULCE BRINGAS
5812	EL VIEJO RESTAUANT	Eating Places	32291	909 MAIN ST	EDITH GONZALEZ-OWNERS
5812	ERAWAN THAI RESTAURANT	Eating Places	34348	2639 BROADWAY	CHAIRAT SEELAO-PRESIDENT
5812	FLAMINGOS RESTAURANT	Eating Places	31838	1772 BROADWAY	RODOLFO D CARRANZA - OWNER
5812	FONTANA ENTERPRISES	Eating Places	35103	980 WOODSIDE ROAD	ALDO FONTANA-OWNER
5812	FROYOLA, LLC	Eating Places	42652	2206 BROADWAY	FRANK SHIH, OWNER
5812	GALEOTTIS PIZZERIA	Eating Places	25694	3121 JEFFERSON AVENUE	DEBRA GALEOTTI
5812	GOLD STAR MARKET	Eating Places	37083	615 WOODSIDE ROAD #1	MAHER ZADA-OWNER
7389	GOLDEN ICE CREAM	Business Services, Not Elsewhere Classified	39737	383 ROBLE AVE.	KHAIRALDIN ALKHATIB - OWNER

REDWOOD CITY INSPECTION LIST - BUSINESSES TO BE ADDED TO CURRENT SAN MATEO COUNTY INSPECTION LIST

SIC	DBA	SIC DESCRIPTION	LICENSE	BUS ADDRESS	OWNER
5812	GOLDEN STATE SKATING RINK, INC	Eating Places	00999	1303 MAIN STREET	JAMES A. POLLARD
5812	GRIND COFFEE BAR	Eating Places	41669	1200 EL CAMINO REAL	SIMON VIVIAN, PARTNER
5812	GUCKENHEIMER @ GENENTECH 36.10	Eating Places	37899	550 BROADWAY	C. STEWARD RITCHIE III, MD
5812	GUCKENHEIMER @ INFORMATICA	Eating Places	35817	100 CARDINAL WAY	C.STEWART RITCHIE III
5812	GUCKENHEIMER-ATRIUM CAFE	Eating Places	31700	250 REDWOOD SHORES PKWY.	C STEWART RITCHIE-FOUNDER/CEO
5812	HAPPY DONUT	Eating Places	39399	820 VETERANS BLVD.	SAMOON CHEAM
5812	HART FOODS INC, DBA BURGER KING	Eating Places	28788	2102 MIDDLEFIELD RD	RAKESH PATEL, PRESIDENT
5812	HIDDEN DRAGON TEA HOUSE	Eating Places	41226	2202 BROADWAY SUITE 1A	TW BAY, INC.
5812	HORIZONS DELI CAFE	Eating Places	41402	399 MARINE WORLD PKWY.	TRISHA LE, OWNER
5812	HOT WOK GOURMET	Eating Places	42640	300 WALNUT ST.	SUNNY LAU, PARTNER
5812	HTTS CORPORATION, INC	Eating Places	40568	20 WOODSIDE PLAZA	STEPHANIE LANG - CEO
5812	INTERN HOUSE OF PANCAKES # 684	Eating Places	19843	491 VETERANS BLVD	CHRISTOPHER HSIUNG
5812	JACK IN THE BOX #469	Eating Places	42080	986 WOODSIDE RD.	BILL HSIA, PRESIDENT
5812	JACK IN THE BOX #525	Eating Places	42079	1205 BROADWAY	BILL HSIA, PRESIDENT
7389	JOSS ICE CREAM	Business Services, Not Elsewhere Classified	39657	289 3RD AVE.	BERNARDINO MORALES - OWNER
5812	JPC DAIRY KITCHEN INC.	Eating Places	42608	640 WOODSIDE RD.	JOHN CHU, OWNER
5812	KARLITA'S TACO PLACE	Eating Places	34870	512 WOODSIDE ROAD	CESAR ARGUELLO
7389	KC THE BAR-B-QUE MAN	Business Services, Not Elsewhere Classified	40771	333 BRADFORD ST. SUITE 150	KEITH CARTER - OWNER
5812	KING CHOPSTIX	Eating Places	42049	300 WALNUT ST.	DIANE WEI, OWNER
5812	KJ'S CAFE A LA CARTE	Eating Places	34189	1150 VETERANS BLVD	KJ S CAFE A LA CARTE - PRES.
5812	LA VICTORIA	Eating Places	42455	847 MAIN ST.	RUFINO BARRITOS, OWNER
5812	MANGO BAY	Eating Places	35000	240 REDWOOD SHORES	FRED GRANT-OWNER
5812	MARBLE SLAB CREAMERY	Eating Places	38007	851 MIDDLEFIELD RD.	ANA HUNG-KUO - OWNER
5812	MAX'S RESTAURANT	Eating Places	41674	1001 EL CAMINO REAL	MAHMOOD AZAD, OWNER
5812	NANA 'N MAMA BAKERY & CREAMERY	Eating Places	40842	1550 ALAMEDA DE LAS	SOPHIA CHEN - OWNER
5812	NEW KAPADOKIA	Eating Places	42450	2399 BROADWAY	ADAM GUNDO, OWNER
5812	OCEAN GARDEN SUSHI & GOURMET SEAFOOD	Eating Places	31049	30 WOODSIDE PLAZA	YOSHI ENDO - OWNER
5812	OLD PORT LOBSTER CO. INC.	Eating Places	36081	851 VETERANS BLVD	RUSSELL DEUTSCH-PRESIDENT
5812	OTTO'S DELI-MARKET	Eating Places	15945	826 MAIN ST	OTTO & MARIA CISNEROS
5812	PAMPLEMOUSSE PATISSERIE & CAFE	Eating Places	37748	2401 BROADWAY AVE	KELLI MANUKYAN-OWNER
5812	PANDA EXPRESS #1865	Eating Places	41813	1023 EL CAMINO REAL	ANDREW CHERNG, CO-CEO
5812	PARADISE KABAB HOUSE, INC.	Eating Places	39508	2653 BROADWAY	FATEMEH ANSARI
5812	PAYAL SUBWAY SANDWICH & SALAD	Eating Places	33247	1926 EL CAMINO REAL	SEHGAL SUNIL - PRESIDENT
5812	PEET'S COFFEE AND TEA	Eating Places	36471	2600 BROADWAY	
5812	PENN-TRAX INC, DBA BURGER KING	Eating Places	28787	575 EL CAMINO REAL	RAKESH PATEL, PRESIDENT
5812	PHO DONG	Eating Places	37322	2610 BROADWAY	Y NHU DONG - PRESIDENT
5812	PIZZA MY HEART	Eating Places	40448	831 MIDDLEFIELD RD.	CHARLES HAMMERS - OWNER
5812	PIZZA PRIMO	Eating Places	41570	3710 FLORENCE ST.	THANG CAO NGUYEN, OWNER
5812	PORTOBELLO GRILL	Eating Places	39329	875 MIDDLEFIELD RD.	KAMRAN MAHROUZADEH
5812	PRIMA DELI	Eating Places	29754	2115 ROOSEVELT AVENUE	DAVID LAZZARESCHI
5812	R&R BARBEQUE SMOKE SHACK	Eating Places	41925	373 MAIN ST.	STEPHEN PORTER, PRESIDENT
5812	REDWOOD CITY HB, INC. DBA L&L HAWAIIAN	Eating Places	37624	324 WALNUT STREET	JASON KUANG - PRESIDENT
5812	REDWOOD CITY UNDERGROUND	Eating Places	38005	2650 BROADWAY	JENEFER MACSWAIN
5812	RICKSHAW RESTAURANT	Eating Places	34108	1483 BROADWAY	LOUIE KEUNG SAM-OWNER
5812	RICO TACO	Eating Places	41153	1660 BROADWAY	DAVID DE LA QUINTANA - PRESIDENT
5812	SANCHO'S TAQUERIA	Eating Places	35341	3205 OAK KNOLL DR.	ADAM TORRES-OWNER
5812	SEQUOIA CATERING	Eating Places	27999	PO BOX 927	AMANDA RADDAVERO
5812	SHIRLEY DARNELL ICE CREAM & HOT DOGS	Eating Places	41466	1017 EL CAMINO REAL #352	SHIRLEY DARNELL, OWNER

SIC	DBA	SIC DESCRIPTION	LICENSE	BUS ADDRESS	OWNER
5812	SHOUGUN HOUSE INC./DBA SWEET BASIL	Eating Places	39443	911 MAIN ST.	MARK A.K. DEE, CEO
5812	SICHUAN DELIGHT	Eating Places	34555	2525 EL CAMINO REAL	BRIAN LADAH-OWNER
5812	SIDEKICK FOODS	Eating Places	39113	1648 LARK AVE.	MICHELE LYSSAND
5812	SPECIALTY'S CAFE & BAKERY	Eating Places	39269	1100 ISLAND DR. #150	SPECIALTY S CAFE & BAKERY INC
5812	SPICE BY THE BAY, LLC	Eating Places	38905	1757 E. BAYSHORE RD. SUITE	JYOTI JAIN
5812	SPORTIVO LLC	Eating Places	39243	965 BREWSTER AVE.	CHRISTINE E. SAKELARIOS
5812	STARBUCKS AT ELECTRONIC ARTS	Eating Places	38600	250 SHORELINE DR.	C. STEWART RITCHIE III - CEO
5812	STARBUCKS COFFEE #6585	Eating Places	32065	995 MARSH ROAD	HOWARD SCHULTZ
5812	STARBUCKS COFFEE #6650	Eating Places	31880	820 WOODSIDE RD.	HOWARD SCHULTZ
5812	SUBWAY 41410 DBA SAIRAM LLC	Eating Places	39880	1105-C VETERANS BLVD.	
5812	SUBWAY SANDWICHES & SALADS	Eating Places	36584	758 WOODSIDE	
5812	SUMMIT COFFEE	Eating Places	42406	2137 ROOSEVELT AVE.	RENU B. KAUSHAL, OWNER
5812	SWEET BASIL THAI CUISINE	Eating Places	41721	911 MAIN ST.	BOONYASIT SUTHAMMASIT, OWNER
5812	SWEETCAKES	Eating Places	40796	810 BRADFORD ST.	REY F. GARZA - OWNER
7389	SWEETIE PEACHES	(Eating places) Business Services, Not Elsewhere Classified	42330	1017 EL CAMINO REAL #366	AMBER K. HARRIS, OWNER
5812	SWING CUISINE & EVENTS	Eating Places	41544	938 WILMINGTON WAY	CHRISTOPHE KUBIAK, CEO
5812	TACOS EL GRULLO	Eating Places	31284	1140 17TH AVE	JORGE PERALTA - OWNER
5812	TACOS LOS GEMELOS & CATERING	Eating Places	32348	2796 WESTMORELAND AVE	CARLOS VARGAS-CHIEF
5812	TAP HOUSE	Eating Places	42618	601 MAIN ST.	DON GIBSON, OWNER
5812	TAQUERIA ARROYO	Eating Places	42596	2761 EL CAMINO REAL	JUAN ARROYO, OWNER
5812	TAQUERIA EL GRULLENSE	Eating Places	27611	1280 EL CAMINO REAL	JUAN F. GAMEZ
5812	TAQUERIA Y CARNICERIA APATZINGAN #2	Eating Places	39238	739 CHESTNUT ST.	ARNULFO V. PRADO
5812	TARBOOSH	Eating Places	36710	837 JEFFERSON AVE	JEAN ATIE-PRESIDENT
5812	THAIBODIA BISTRO	Eating Places	42235	910 WOODSIDE RD.	KY VAN, PRESIDENT
5812	THE BAY FOOD COMPANY INC	Eating Places	42307	400 COUNTY CENTER	ELIZABETH KIM, OWNER
5461	THE COOK E. JAR & BAKING CO.	Retail Bakeries	40422	2992 SPRING ST. #C	LOIS J. COBB, OWNER
5812	THE ESPRESSO LANE	Eating Places	29839	865 WOODSIDE RD	CARLOS A LOPEZ,OWNER
5812	THE HAPPY DOG	Eating Places	41331	832 6TH AVE.	PABLO SANCHEZ, OWNER
5813	THE LIVING ROOM, LLC	(Eating places) Drinking Places (Alcoholic Beverages)	42103	2048 BROADWAY	JANE FLETCHER, MNG. MEMBER
5812	THE ROUND TABLE PIZZA	Eating Places	01931	128 WOODSIDE PLZ	PATRICA C REEVES
5812	TOGO'S/BASKIN ROBINS	Eating Places	32337	1501 EL CAMINO REAL	REEM ELHINDI-PRESIDENT
5812	TRADICIONES PERUANAS	Eating Places	42672	828 5TH AVE.	EDWINDS AYALA, OWNER
5812	WATERFRONT RESTAURANT	Eating Places	31166	1 UCCELLI BLVD.	DUNIA & JOSE INC
5812	YANGA	Eating Places	41276	1798 BROADWAY	JESUS MAZA, OWNER
5812	YOKOHAMA	Eating Places	41581	2090 BROADWAY	KYE JUNG KIM, CEO
5812	YOKOHAMA JAPANESE BISTRO	Eating Places	40381	2090 BROADWAY	YOUNG K. KIM - OWNER
5812	YUMMI ENTERPRISES INC.	Eating Places	39109	740 WOODSIDE RD.	JOE CHEN
Equipment Rental					
1799	MURRAY WEBER TRACTOR SERVICE	Special Trade Contractors, Not Elsewhere Classified	27433	867 2ND AVE.	MURRAY WEBER, OWNER
FABRICATED METAL PRODUCTS					
1799	ACHERNAR FABRICATION	Special Trade Contractors, Not Elsewhere Classified	36819	3520 HAVEN AVE #K	BARRY E. WADDELL-OWNER
7389	CENTRIA	Business Services, Not Elsewhere Classified	27666	1755 E BAYSHORE RD # 17C	MARK SHERWIN
1799	D.W. HAUSSLER SPECIALTIES	Special Trade Contractors, Not Elsewhere Classified	25809	1666 MARYLAND STREET	DENNIS HAUSSLER
34	SHORELINE IRONWORKS, INC.	FABRICATED METAL PRODUCTS	01381	1 UCCELLI BOULEVARD	JOHN A. FRITZ
Food Manufacturers/Wholesale					
7389	ELIZABETHS FOOD	Business Services, Not Elsewhere Classified	31671	314 ARGUELLO ST.	
2099	ELIZABETHS FOOD	Food Preparations, Not Elsewhere Classified	35580	314 ARGUELLO ST.	MARIA ESPERANZA RIVERA
7389	FAT NINJA HOT SAUCE	Business Services, Not Elsewhere Classified	41718	780 UPTON ST.	JOSH POWELL, OWNER

REDWOOD CITY INSPECTION LIST - BUSINESSES TO BE ADDED TO CURRENT SAN MATEO COUNTY INSPECTION LIST

SIC	DBA	SIC DESCRIPTION	LICENSE	BUS ADDRESS	OWNER
5147	GREEN LIGHT JERKY COMP.	Meats and Meat Products	38592	51 NUEVA AVE.	MATTHEW KLAPPER - OWNER
20	GUCKENHEIMER ENTERPRISES INC	FOOD & KINDRED PRODUCTS	04537	3 LAGOON DRIVE #325	C. S. RITCHIE
20	OVEN FRESH BAKERY	FOOD & KINDRED PRODUCTS	01368	141 WILSON ST	JUANITA ALFONSO-CASILLAS -
2099	SAPORITO PASTA CO	Food Preparations, Not Elsewhere Classified	23935	1020 HANSEN WAY	JOHN SIMI
2099	SPICE PHARM INC	Food Preparations, Not Elsewhere Classified	42354	351 W. OAKWOOD BLVD.	KITTY WELLS, CEO
7389	SUGAR COOKIE ART	Business Services, Not Elsewhere Classified	39957	1401 OAK AVE.	VENESSA COFFARO - OWNER
5999	YUMI TEA	Miscellaneous Retail Stores, Not Elsewhere Classified	42221	620 MARLIN CT.	YUMIKO YAMANE, OWNER
Food Stores					
54	APPLES HEALTH FOOD CENTER	FOOD STORES	11825	1011 EL CAMINO REAL, RC	DAVID STOUDER
5499	CALIDAD MARKET	Miscellaneous Food Stores	39320	2512 EL CAMINO REAL	EYAD YASIN
5499	GENERAL NUTRITION CENTER (GNC)	Miscellaneous Food Stores	25933	260 REDWOOD SHORES	GEORGE AWAD
5499	JAGANNADHA L RAJU & VIJAYA L RAJU	Miscellaneous Food Stores	33649	2539 EL CAMINO REAL	JAGANNADHA L. RAJU
5499	MI PERU PRODUCTS IMPORT	Miscellaneous Food Stores	40911	815 SWEENEY AVE. SUITE A	WILLY ESPINOZA - OWNER
5499	NUTRITION CENTER HEALTHY NOW	Miscellaneous Food Stores	41795	801 WOODSIDE RD. #14	NACERE MONGE, OWNER
2035	PANEXOTIC	Pickled Fruits and Vegetables, Vegetable Sauces and	38869	2682 MIDDLEFIELD RD. UNIT L	FRANCO VASSALLO
5499	SP MARKET	Miscellaneous Food Stores	42517	1747 BROADWAY	MARISOL GONZALEZ, OWNER
54	SEE S CANDIES, INC #02112	FOOD STORES	01902	1027 EL CAMINO REAL, RC	WARREN E. BUFFETT, CHAIRMAN
Fresh Fruits/Vegetables					
5148	AVOMEX PRODUCE	Fresh Fruits and Vegetables	42018	698 3RD AVE.	FREDDY SALTO, OWNER
5148	FANTASTIC BAY PRODUCE	Fresh Fruits and Vegetables	42556	137 5TH AVE. #1	MARIA E. VARELA, OWNER
5148	REDWOOD PRODUCE, INC.	Fresh Fruits and Vegetables	39525	499 SEAPORT CT. SUITE 100	TIM LEBARON
5983	THE JANKOVICH COMPANY	Fuel Oil Dealers	26151	505 HELLER ST #3	THOMAS J. JANKOVICH, PRESIDENT
Dry Cleaners					
7219	1-800-DRYCLEAN OF THE MID PENINSULA	Laundry and Garment Services, Not Elsewhere Classified	34234	1943 KENTUCKY ST	NINA KADERA-OWNER
7212	ATHERTON CLEANER & ALTRATONS	Garment Pressing, and Agents for Laundries and	38059	840 WOODSIDE RD.	STANLEY SHU - OWNER
7215	BAY AREA LAUNDRY SERVICE	(Garment pressing) Coin-Operated Laundries and	41240	547 MARLIN DR.	KEN KARP, OWNER
7219	BAY PENINSULA GREEN CLEAN STATION	Laundry and Garment Services, Not Elsewhere Classified	42570	1525 EL CAMINO REAL	DANILO CATBAGAN, OWNER
7212	BROADWAY CLEANERS	Garment Pressing, and Agents for Laundries and	00175	1681 MAIN STREET	ED KRANTZ-OWNER
7216	CANYON CLEANERS	Drycleaning Plants, Except Rug Cleaning	25232	3207 A OAK KNOLL DR.	GUN J. NOH
7216	CLEAN'N PRESS	Drycleaning Plants, Except Rug Cleaning	36276	820 VETERANS BLVD	HO BEUM KIM-OWNER
7212	CLEANSLEEVES.COM	Garment Pressing, and Agents for Laundries and	37266	500 HOWLAND ST #3	KAY MANDEGARIAN-CEO
7219	CROSS CHECK CLEANERS	Laundry and Garment Services, Not Elsewhere Classified	39117	3140 BAY RD.	TONY D. CROSSLER
7212	DRY CLEANING OUTLET	Garment Pressing, and Agents for Laundries and	38037	593 A WOODSIDE RD.	BAHRAM TALEGHANI
7212	EMERALD CITY CLEANERS	Garment Pressing, and Agents for Laundries and	24413	3025 JEFFERSON AVENUE #B	GHADIR SARLI, PRESIDENT
7219	LARA'S CLEANERS	Laundry and Garment Services, Not Elsewhere Classified	31065	570 EL CAMINO REAL #140	HYE ON PARK - OWNER
7389	MAGIC ALTERATION AND DRY CLEANING	Business Services, Not Elsewhere Classified	27671	1078 EL CAMINO REAL	SARIK SULIKYAN, OWNER
7212	MARSH MANOR CLEANERS	Garment Pressing, and Agents for Laundries and	41098	3760 FLORENCE STREET	B J LEE
7216	PENINSULA CLEANING SERVICES	Drycleaning Plants, Except Rug Cleaning	39146	1681 BROADWAY	BAHRAM TALEGHANI
7212	SEQUOIA CLEANERS	Garment Pressing, and Agents for Laundries and	38672	1019 EL CAMINO REAL	AJ & M USA ENTERPRISE, INC.
7212	SEQUOIA CLEANERS	Garment Pressing, and Agents for Laundries and	41645	1019 EL CAMINO REAL	AHMAD BASTAKI, PRESIDENT
8999	WOODSIDE CLEANERS & ALTERATIONS CENTER	Services, Not Elsewhere Classified	21788	748 WOODSIDE RD.	KIM HYUN KIM
7212	YUNG CLEANERS	Garment Pressing, and Agents for Laundries and	24276	2179 ROOSEVELT AVENUE	YUNG S. KIM
Gasoline Service Stations					
5541	5TH AVE. 76	Gasoline Service Stations	40418	844 5TH AVE.	JOHN POUNDERS
5541	ROOSEVELT SHELL	Gasoline Service Stations	42582	2108 ROOSEVELT AVE.	KEET NERHAN, OWNER
55	WHIPPLE AVE CHEVRON	(Gasoline service station) AUTOMOTIVE DEALERS &	04001	585 WHIPPLE AVENUE	ROBERT A. OYSTER
5541	WOODSIDE ARCO AM/PM GAS STATION	Gasoline Service Stations	42379	610 WOODSIDE RD.	MANJIT KAUR, PRESIDENT
5541	WOODSIDE GASOLINE INC	Gasoline Service Stations	35764	710 WOODSIDE ROAD	GURJINDER SINGH-OWNER

REDWOOD CITY INSPECTION LIST - BUSINESSES TO BE ADDED TO CURRENT SAN MATEO COUNTY INSPECTION LIST

SIC	DBA	SIC DESCRIPTION	LICENSE	BUS ADDRESS	OWNER
Groceries, Wholesale					
5149	H & H SALES, INC.	Groceries and Related Products, Not Elsewhere Classified	23403	100 WILLOW ST, RC	LARRY KRAMER, OWNER
5149	J&T FOOD DISTRIBUTORS	Groceries and Related Products, Not Elsewhere Classified	42462	437 VERA AVE.	JAN GOLDSTEIN, OWNER
7389	JULIE'S PETITE POTATOES	Business Services, Not Elsewhere Classified	42587	3600 HAVEN AVE.	KIMBERLY MENNINGER, OWNER
7389	RAW DECADENCE	Business Services, Not Elsewhere Classified	41424	90 DEXTER AVE.	FERNANDO CHAVEZ, PRESIDENT
5149	THE ORIGINAL WHOOPIE PIE FACTORY	Groceries and Related Products, Not Elsewhere Classified	41874	897 BARRON AVE.	ELYSIA CHUH, OWNER
5141	PHOENICIAN FOODS	Groceries, General Line	26987	1405 MARSHALL ST. STE. 519	GHASSAN AZIZ RICHA
5411	LUCKY	Grocery Stores	38296	200 WOODSIDE PLAZA	ROBERT M. PICCININI - CEO
5411	MI RANCHO SUPERMARKET RWC #2	Grocery Stores	42555	150 CHARTER ST.	JESUS LOPEZ, PRESIDENT
5411	PIAZZA'S FINE FOODS	Grocery Stores	32839	171 BIRCH ST STE 4	JOHN PIAZZA III - CEO
5999	REDWOOD MARKET	(Grocery stores) Miscellaneous Retail Stores, Not Elsewhere	39127	1956 BROADWAY	GLENDY GOMEZ
5411	SRG INC., DBA CITRINE	Grocery Stores	38448	885 MIDDLEFIELD RD.	ERIC QUICK - PRESIDENT
5411	WHOLE FOODS MARKET	Grocery Stores	34773	1250 JEFFERSON AVE	DAVID LANNON - PRESIDENT
Industrial Equipment and Supplies					
3599	ABA MACHINING	Indus./Commercial Equipment, Not Elsewhere Classified	25847	465 CYPRESS ST	ABDO FADLALLAH ABBOUD,
5084	CONDUX, INC.	Industrial Machinery and Equipment	31661	3937 BROOKLINE WAY	YULI VERHOVSKY - OWNER
5084	ROSE WASTE SYSTEMS, INC.	Industrial Machinery and Equipment	39076	932 GOVERNORS BAY DR.	GEORGE GITSCHEL
5085	HTY INTERNATIONAL, INCORPORATED	Industrial Supplies	23674	2674 MIDDLEFIELD ROAD,	HEDY YU HUANG
5085	TYLER CONSTRUCTION & INDUSTRIAL SUPPLY	Industrial Supplies	30792	648 EASTVIEW WAY	WILLIAM E BORTHWICK - PRESIDENT
Liquefied Petroleum Gas (Bottled Gas) Dealers					
5984	COUNTY SPECIALTY GASES, LLC	Liquefied Petroleum Gas (Bottled Gas) Dealers	42247	2200 BAY RD.	GARY J. DOMINGUEZ, OWNER
Liquor Stores					
7299	KELSEY CREEK VINE & WINE	Miscellaneous Personal Services, Not Elsewhere	32812	1034 MADISON AVE	JERRY REXROTH - OWNER
5921	REKHI BROS., INC., DBA WINEGLOBE	Liquor Stores	38260	30 STEIN AM RHEIN CT. J-K	MBS REHKI - PRESIDENT
5921	STOP IN FOOD	Liquor Stores	32721	754 WOODSIDE ROAD	SUKHJIT KAUR-OWNER
5921	SUPER DISCOUNT LIQUOR + FOOD	Liquor Stores	37332	850 BREWSTER AVE	NAVTEJ SINGH
5921	VILLAGE BOTTLE SHOP	Liquor Stores	37521	504 EL CAMINO REAL	DAVID Y.KO-OWNER
Local Passenger Transportation					
41	SAM TRANS STATION	LOCAL & INTERURBAN PASSENGER TRANSIT	16473	934 BREWSTER	ALEXIS LODDE - CEO
4119	BAY ARE LIMO SERVICES	Local Passenger Transportation, Not Elsewhere Classified	42404	3103 FAIR OAKS AVE.	KAMAL PREET SIDHU
4119	EXPRESS LIMO SERVICE	Local Passenger Transportation, Not Elsewhere Classified	40618	105 POPLAR AVE. #7	SAWARN SINGH - OWNER
4212	MUSIC EXPRESS SAN FRANCISCO	(Local Passenger transportation) Local Trucking Without	41345	1485 VETERANS BLVD.	CHERYL BERKMAN, CEO/PRES.
4119	SUNRISE LIMO SERVICES	Local Passenger Transportation, Not Elsewhere Classified	39551	1756 BROADWAY #16	HARJIT SINGH
Local Trucking					
4212	ALSTERLIND TRUCKING	Local Trucking Without Storage	37223	1031 15TH AVE	KEVIN ALSTERLIND-OWNER
4212	AM PM HAULING	Local Trucking Without Storage	32585	510 FLYNN AVE	SHALENDRA KUMAR-OWNER
4212	CAUDILLO'S HAULING SERVICE PLUS	Local Trucking Without Storage	34384	2821 HUNTINGTON AVE.	CARLOS J. CAUDILLO-OWNER
4212	DIESEL DELIVERY SERVICE LLC	Local Trucking Without Storage	41752	335 FULTON ST.	LINDA C. MENDEZ-DALTON
4212	DIMMITT TRUCKING	Local Trucking Without Storage	41667	718 ALAMEDA DE LAS PULGAS	SCOTT DIMMITT, OWNER
4212	ELI ORTIZ HAULING	Local Trucking Without Storage	32127	3315 SPRING ST	ELIODORO C ORTIZ-OWNER
4214	K AND STAR TRANSPORTATION SERVICES	Local Trucking With Storage	24984	2683 WASHINGTON AVENUE	IMRAN IRSHAD-MEMBER
4212	LUIS G. ESQUIVEL	Local Trucking Without Storage	38750	3503 HOOVER ST.	LUIS G. ESQUIVEL
4212	MORA TRUCKING	Local Trucking Without Storage	39663	968 15TH AVE	VICTOR E. MORA - OWNER
4212	RF TRUCKING	Local Trucking Without Storage	40687	524 POPLAR AVE.	RUBEN FLORES - OWNER
4212	S & R DELIVERY	Local Trucking Without Storage	41879	751 BARRON AVE.	MARCO RIVADENEYRA, OWNER
4212	TORRES TRANSPORT	Local Trucking Without Storage	41171	1087 HAVEN AVE.	SAMUEL TORRES, PRESIDENT
Machinery Repair, Machining					
3999	ACE MANUFACTURING	Manufacturing Industries, Not Elsewhere Classified	41537	2658 SPRING ST.	DAKOTA TURIELLO, OWNER

SIC	DBA	SIC DESCRIPTION	LICENSE	BUS ADDRESS	OWNER
3469	BORG'S GEAR SPECIALTIES	Metal Stampings, Not Elsewhere Classified	39752	900 BROADWAY	DANNY BORG - OWNER
35	BUSSING MACHINE	MACHINERY, EXCEPT ELECTRICAL	17210	3020 STERLING WAY	EDWARD A. BUSSING
3542	GROEGER SPECIAL TOOLING, INC.	Machine Tools, Metal Forming Types	38900	2600 BAY ROAD	JOACHIM GROEGER
5999	LYNN MACHINE SHOP	Miscellaneous Retail Stores, Not Elsewhere Classified	40936	1428 EL CAMINO REAL	PETER TRAN, CFO
73	NEW CLARE MACHINING	BUSINESS SERVICES	06167	3548 HIGHLAND AVENUE	FRANK L CLARE
7389	ON PRESS, INC.	Business Services, Not Elsewhere Classified	23311	460 LAKEVIEW WAY	SCOTT SCHUTZER, PRESIDENT
7389	R & K MACHINING	Business Services, Not Elsewhere Classified	38942	32 WILLOW ST. #3	RICK TENNISON
7389	REDWOOD MACHINING	Business Services, Not Elsewhere Classified	36162	1217 CONNECTICUT DR	MICHAEL D HANNI-OWNER
8999	WESTERN INDUSTRIAL MACHINE REPAIR, INC.	Services, Not Elsewhere Classified	27857	1755 BAYSHORE ROAD EAST	RONALD V. HUNT
Manufacturing - Misc.					
7389	ADELPHI TECHNOLOGY, INC.	Business Services, Not Elsewhere Classified	39808	2003 E. BAYSHORE RD.	MELVIN PIESTRUP
7389	DAVID SCHNUR ASSOCIATES	Business Services, Not Elsewhere Classified	39008	1219 ARGUELLO ST.	DAVID SCHNUR
8999	D.R. MYERS DISTRIBUTING CO.	Services, Not Elsewhere Classified	01536	1492 ODDSTAD DRIVE	KEITH DOERGE
7389	ELECTRO-DIAGNOSTIC IMAGING	Business Services, Not Elsewhere Classified	36475	200 TWIN DOLPHIN DR #F	
39	ELECTRO-DIAGNOSTIC IMAGING, INC.	MISCELLANEOUS MANUFACTURING INDUSTRIES	15824	711 PALOMAR DRIVE	ERICH SUTTER
39	JETRONICS CO	MISCELLANEOUS MANUFACTURING INDUSTRIES	04495	493 SEAPORT CT #104	
7389	MORA ENTERPRISES	Business Services, Not Elsewhere Classified	42138	1401 ARGUELLO ST.	CRISTINA DIFEDE, OWNER
7389	MURATA ELECTRONICS NORTH AMERICA INC	Business Services, Not Elsewhere Classified	39240	3 LAGOON DR. SUITE 190	MURATA ELECTRONICS, INC.
7389	NOVAWAVE TECHNOLOGIES, INC.	Business Services, Not Elsewhere Classified	34363	900 ISLAND DRIVE, STE 101	JAMES SCHERER-PRESIDENT
7389	RMS MACHINE SERVICE	Business Services, Not Elsewhere Classified	35555	151 STRATFORD ST	RICHARD JONES
76	S. WICKSTROM MANUFACTURING INC.		21917	740-750 BROADWAY	SCOTT K. WICKSTROM
7389	SCAN-TOP	Business Services, Not Elsewhere Classified	31755	2575 MIDDLEFIELD RD.	PREBEN JENSEN - OWNER
7389	SHOE CARE INNOVATIONS, INC.	Business Services, Not Elsewhere Classified	40054	501 SEAPORT CT. SUITE 101	ADAM ULLMAN - PRESIDENT
39	SPECTREX CORP	MISCELLANEOUS MANUFACTURING INDUSTRIES	04753	3580 HAVEN AVENUE	JOHN M. HOYTE
7389	TYCO THERMAL CONTROLS	Business Services, Not Elsewhere Classified	29495	945 DOUGLAS AVENUE	TYCO THERMAL CONTROLS
7389	TYCO THERMAL CONTROLS	Business Services, Not Elsewhere Classified	29496	2555 BAY ROAD	TYCO THERMAL CONTROLS
7389	TYCO THERMAL CONTROLS	Business Services, Not Elsewhere Classified	29497	2501 BAY ROAD	JAMES C THOMPSON - PRESIDENT
7389	TYCO THERMAL CONTROLS	Business Services, Not Elsewhere Classified	29499	2415 BAY ROAD	REINO WANTIN
Marinas					
7389	CALIFORNIA RECREATION CO	Business Services, Not Elsewhere Classified	36510	702 BAIR ISLAND RD	
7389	WEST POINT HARBOR	Business Services, Not Elsewhere Classified	39664	1529 SEAPORT BLVD.	MARK SANDERS - OWNER
Masonry, Stone					
1741	BARAJAS MASONRY	Masonry Stone Setting, & Other Stone Work	36994	3514 MISSION VIEW DR	ANDRES BARAJAS-OWNER
1799	BLUE RIDGE MASONRY, INC	Special Trade Contractors, Not Elsewhere Classified	36774	1155 BROADWAY #218	STEVEN A. GIBBS-PRESIDENT
3281	CAZARES STONEWORKS MANUFACTURES	Cut Stone and Stone products	38211	24 WILLOW ST. #3	JAVIER CAZARES - OWNER
1799	GRECO GRANITE	Special Trade Contractors, Not Elsewhere Classified	35946	211 BUCKEYE ST	THOMAS JAMES SPEROW-OWNER
1741	MARKS MASONRY	Masonry Stone Setting, & Other Stone Work	40026	1050 16TH AVE.	MARK OWENS - OWNER
1741	NATURAL STONES, INC.	Masonry Stone Setting, & Other Stone Work	30511	3608 BAY RD.	GEORGE M ABINADER - PRESIDENT
89	PENINSULA ROAD MTRL	MISC. SERVICES	06309	365 BLOMQUIST STREET	BRUCE W. WOOLPERT
1741	TONY QUINN MASONRY A DIV OF	Masonry Stone Setting, & Other Stone Work	36822	3130 ROLISON RD	ROLISON LLC
Meat and Fish Marketrs					
5421	MI RANCHO SUPERMARKET REDWOOD CITY, INC	Meat and Fish (Seafood) Markets, Including Freezer	31315	137 ROOSEVELT AVE.	JESUS LOPEZ - OWNER
Pharmaceutical/Medical/Biotechnology Research					
8731	AIRMID, INC.	Commercial Physical and Biological Research	41715	600 CASTLE HILL RD.	GEORGE MILJANICH, CEO
8999	AP PHARMA, INC.	Services, Not Elsewhere Classified	17009	123 SAGINAW DRIVE	JOHN WHELAN, CEO
8731	ARANA THERAPEUTICS, INC.	Commercial Physical and Biological Research	39715	735 GALVESTON DR.	CEPHALON, INC.
8731	AUTONOMIC TECH INC	Commercial Physical and Biological Research	40256	656 BAIR ISLAND RD. #200	
8731	AVINGER, INC	Commercial Physical and Biological Research	40148	400 CHESAPEAKE DR.	HIMANSHU PATEL

REDWOOD CITY INSPECTION LIST - BUSINESSES TO BE ADDED TO CURRENT SAN MATEO COUNTY INSPECTION LIST

SIC	DBA	SIC DESCRIPTION	LICENSE	BUS ADDRESS	OWNER
7389	BAROSENSE, INC.	Business Services, Not Elsewhere Classified	39358	250 CHESAPEAKE DR.	DANIEL J. BALBIERZ
7389	BIOCAPTURE INC.	Business Services, Not Elsewhere Classified	34316	1201 DOUGLAS AVE	DALE A. MORIOKA-PRESIDENT
8731	BIOPHOR DIAGNOSTICS	Commercial Physical and Biological Research	42615	1201 DOUGLAS AVE.	BIOSTRIDE, INC.
8731	BIOSTRIDE INC.	Commercial Physical and Biological Research	26832	1201 DOUGLAS AVENUE	LAURA COLIN TOM, PRESIDENT
7389	CALIBRA MEDICAL, INC.	Business Services, Not Elsewhere Classified	38922	220 SAGINAW DR.	JEFFREY PURVIN
8731	CELLTRION, INC	Commercial Physical and Biological Research	41616	ONE LAGOON DR. SUITE 140	KEUN KYUN LEE, CEO
7389	CHEBEC MEDICAL CORPORATION	Business Services, Not Elsewhere Classified	41840	370 CONVENTION WAY	NISHANT TRIVEDI, FOUNDER
8731	DIRECT THERAPEUTICS, INC	Commercial Physical and Biological Research	29759	460 SEAPORT COURT	ED LUCK, CEO
8099	DOW PHARMACEUTICAL SCIENCES, INC.	Health and Allied Services, Not Elsewhere Classified	38977	900 ISLAND DR. #210	BHASKAR CHAUDHURI
7389	ERGOCARE	Business Services, Not Elsewhere Classified	40708	2645 MASSACHUSETTS AVE.	NOREEN G. FAHEY - OWNER
7389	HANDE BIO-SOURCE INC	Business Services, Not Elsewhere Classified	42158	322 ST. MARTIN DR.	SHUZHOU SONG, CEO
7389	ICON CLINICAL RESEARCH	(Pharmaceutical) Business Services, Not Elsewhere	33383	303 TWIN DOLPHIN DR SUITE	JOHN HUBBARD-PRES
2834	INCLINE THERAPEUTICS, INC	Pharmaceutical Preparations	42135	900 SAGINAW DR. SUITE 200	DAVID SOCKS, PRESIDENT/CEO
8731	INTRADIGM CORPORATION	Commercial Physical and Biological Research	42212	2400 BROADWAY SUITE 200	SILENCE THERAPEUTICS
8731	KANG LAI TE USA	Commercial Physical and Biological Research	42690	3 LAGOON DR.	MICHAEL J. HENSLEY
8731	LAURIMED, LLC	Commercial Physical and Biological Research	42351	500 ARGUELLO ST. SUITE 100	JEFFREY A. SAAL, CEO
2834	MAXYGEN, INC.	Pharmaceutical Preparations	28541	301 GALVESTON DR	PUBLIC COMPANY-NASDAQ-MAXY
7389	OTSUKA PHARMACUETICAL & DEVELOPMENT	Business Services, Not Elsewhere Classified	39613	203 REDWOOD SHORES PKWY.	OTSUKA AMERICA, INC.
8731	PHARMAGENESIS	Commercial Physical and Biological Research	41255	303 TWIN DOLPHIN DR. #600	NICOLAS DRUZ
8731	SBIO, INC	Commercial Physical and Biological Research	40624	100 MARINE PKWY. #425	SBIO PTE LTD.
8731	THE AESTHETIC RESEARCH CENTER	Commercial Physical and Biological Research	40565	525 CHESAPEAKE DR.	VISHWASH NARURKAR - OWNER
Recycling - Misc.					
7389	ADITYA GROUP OF INDUSTRIES INC	Business Services, Not Elsewhere Classified	40715	235 ARLINGTON RD. #110	SARALA BISWAL - CEO
7389	ANDRADE'S RECYCLING	Business Services, Not Elsewhere Classified	38348	1404 A OXFORD ST. #3	RAUL ANDRADE - OWNER
7389	CLEAN PLANET RECYCLING	Business Services, Not Elsewhere Classified	40064	1305 MARSHALL ST. #205	JOSE RUIZ FIGUEROA - OWNER
5399	HEADWATERS RESOURCES, INC	Miscellaneous General Merchandise Stores	31676	876 SEAPORT BLVD.	HEADWATERS INCORPORATED
7389	ONE WORLD RECYCLING	Business Services, Not Elsewhere Classified	39693	2831 SPRING ST.	ROBERT MONROY - OWNER
Repair Services - Misc.					
7389	MING S DIESEL REPAIR	Business Services, Not Elsewhere Classified	41851	20 WOODSIDE PLAZA	YAO MING PENG, OWNER
7699	MOBILE DIESEL MEDIC 2	Repair Shops and Related Services, Not Elsewhere Classified	42697	303 TWIN DOLPHIN DR.	MARK ARMSTRONG, PRESIDENT
7699	MT DIABLO BOATS	Repair Shops and Related Services, Not Elsewhere Classified	40121	570 EL CAMINO REAL # 150-	BILL ECK - OWNER
1799	PUMP & WORKS	Special Trade Contractors, Not Elsewhere Classified	26226	1136 HUDSON STREET	ALAN CARSON
76	RICKS MOBIL TRUCK & EQUIPMENT REPAIR	MISC. REPAIR SERVICES	20989	807 EDGEWOOD	RICK TRIGUEIRO
7699	V&V BROS RV'S AND TRAILERS	Repair Shops and Related Services, Not Elsewhere Classified	42685	1020-A HANSEN WAY	VILMA VIDAL, PRESIDENT
7389	VELERO MARINE SERVICES	Business Services, Not Elsewhere Classified	39535	1 UCCELLI BLVD.	ROBERTO J. ANIMA
Semiconductors, manufacturers					
3674	ATOMICITY SYSTEMS INC.	Semiconductors and Related Devices	39590	141 MYRTLE ST.	ERIC ANTONISSEN - PRESIDENT
3674	GIGLE NETWORKS, INC.	Semiconductors and Related Devices	40346	275 SHORELINE DR. SUITE 530	JUAN CARLOS RIVEIRO - PRES.
5999	SPP PROCESS TECHNOLOGY SYSTEMS INC	Miscellaneous Retail Stores, Not Elsewhere Classified	27987	611 VETERANS BLVD. #107	
Special Trades: Demolition/Construction Cleanup					
1799	BANDOV CONSTRUCTION	Special Trade Contractors, Not Elsewhere Classified	31424	935 MADISON AVE.	IVICA BANDOV - OWNER
1799	BENEDETTI & TURCHET	Special Trade Contractors, Not Elsewhere Classified	2003246	2496 BAY ROAD	JOSE BENEDETTI, OWNER
1799	GRANITE ROCK COMPANY	Special Trade Contractors, Not Elsewhere Classified	29571	330 BLOMQUIST STREET	BRUCE WOOLPERT,CEO
1799	MARCAN ENTERPRISE, INC.	Special Trade Contractors, Not Elsewhere Classified	31020	P.O. BOX 5792	DAVE MARCAN - PRESIDENT
7389	SRDC, INC.	Business Services, Not Elsewhere Classified	14484	199 SEAPORT BLVD.	DON FERRARI, PRESIDENT
7389	SRDC, INC.	Business Services, Not Elsewhere Classified	41428	475 SEAPORT BLVD.	DON FERRARI, PRESIDENT
Taxicabs					
4121	AGAIN AND AGAIN	Taxicabs	41355	26 EAGLE HILL TERRACE	EDITH D. RIVERA, OWNER

REDWOOD CITY INSPECTION LIST - BUSINESSES TO BE ADDED TO CURRENT SAN MATEO COUNTY INSPECTION LIST

SIC	DBA	SIC DESCRIPTION	LICENSE	BUS ADDRESS	OWNER
4121	ARE YOU READY?	Taxicabs	40640	648 CASSIA ST.	JESUS MAZA - OWNER
4121	ARREOLA'S TAXI	Taxicabs	42133	398 THIRD AVE.	ROBERTO ARROYO RAMIREZ
4121	AVAILABLE #1	Taxicabs	40639	145 ROOSEVELT #52	RAMON DIAZ - OWNER
4121	A-YELLOW CAB	Taxicabs	40235	1596 EBENER ST. #12	RAM LAL
4121	BLACK AND GOLD TAXICAB	Taxicabs	36935	730 BARRON AVE. #62	ANGEL AVELAR-OWNER
4121	CHIEF TAXI CAB	Taxicabs	41746	730 BARRON AVE. #78	ALEX CASTRO, OWNER
4121	COMMERCIAL & PASSENGER SERVICES	Taxicabs	40070	570 EL CAMINO REAL #150	VINAYAK SANGAR - OWNER
4121	E & M TAXI CAB	Taxicabs	42241	636 OAKSIDE AVE. #4	RUDY C. TEMAS, OWNER
4121	ERIS YELLOW CAB	Taxicabs	42254	313 POPLAR AVE. #14	ERIBERTO JIMENEZ, OWNER
4121	JOSE HERNANDEZ TAXI CAB	Taxicabs	42258	3754 FARM HILL BLVD.	JOSE HERNANDEZ, OWNER
4121	JURA RED CAB	Taxicabs	41235	875 WOODSIDE RD. #108	JULISSA DOS SANTOS HERRERA
4121	KING CAB TAXI	Taxicabs	39621	83 RENATO CT APT 4	ANGEL AVELAR - OWNER
4121	LATIN BROTHERS TAXI	Taxicabs	38836	867 2ND AVE.	SIMON HERNANDEZ
4121	MVP TAXI	Taxicabs	34799	238 POPLAR AVE #5	GINA CASTRO-OWNER
4121	P.B.B. YELLOW TAXI CAB	Taxicabs	41670	520 HURLINGAME AVE.	PEDRO BRUNO BUSTAMANTE,
4121	REDWOOD TAXI CAB	Taxicabs	42679	2526 EL CAMINO REAL	VICENTE NAVARRO, OWNER
4121	SALAMANCA YELLOW TAXI CAB	Taxicabs	41419	3437 HOOVER ST.	VICTOR D. CHAVEZ, OWNER
4121	SEQUOIA TAXI SERVICE	Taxicabs	38077	119 WILLOW ST. #1	EDAUTO SALAS CARRILLO - DRIVER
4121	SUNRISE TAXI SERVICES	Taxicabs	40985	3101 MIDDLEFIELD RD. APT. B	HARJIT SINGH - OWNER
4121	VIRGIN CAB	Taxicabs	41707	707 LEAHY ST.	AMINE JEMAI, OWNER
4121	YELLOW CAB	Taxicabs	39922	35 HAZEL AVE.	ROBERT AVONS
4121	YELLOW CAB #888	Taxicabs	42213	26 EAGLE HILL TERRACE	PABLO RIVERA LANDAVERDE
4121	YELLOW CAB BAY CITY	Taxicabs	39697	618 DOUGLAS AVE.	JASVINDER PAL SINGH
4121	YELLOW CAB CO	Taxicabs	40229	618 DOUGLAS AVE.	RAMANDEEP SINGH - OWNER
4121	YELLOW CAB CO. REDWOOD CITY	Taxicabs	21739	427 MACARTHUR AVE	BIKRAM JEET SINGH
4121	YELLOW CAB EL GUANACO	Taxicabs	40766	3786 ROLISON RD. #2	OSCAR D. HERNANDEZ - OWNER
4121	YELLOW CAB RIDER,III TAXI CABS	Taxicabs	40999	1321 MARSHALL ST. #313	RAJESH KUMAR - OWNER
4121	YELLOW CAB STAR	Taxicabs	39948	1331 JEFFERSON AVE. #110	RENE VARGAS - OWNER
4121	YELLOW TAXI CAB RICK	Taxicabs	42425	1439 KENTFIELD AVE.	RICHARD PETRUZZO, OWNER
4121	YELLOW TOP CAB CO.	Taxicabs	34521	1405 MARSHALL ST #303	KAMAL PREET SINGH-OWNER
Terrazzo, Tile, Marble, Mosaic Work					
1743	ACCLAIM TILE	Terrazzo, Tile, Marble, Mosaic Work	41112	1715 E BAYSHORE RD. #116	MARK MALFATTI - OWNER
39	BORGO MARBLE & GRANIT CO.	MISCELLANEOUS MANUFACTURING INDUSTRIES	19223	3004 SPRING STREET	JOSE LUIS BORGO
1799	BEST MARBLE	Special Trade Contractors, Not Elsewhere Classified	35481	230 PINE ST	TERENCE MIAO
1743	GALVAN GRANITE	Terrazzo, Tile, Marble, Mosaic Work	39296	812 6TH AVE.	JOEL GONZALEZ
1799	J&J MARBLE	Special Trade Contractors, Not Elsewhere Classified	35117	1692 TACOMA WAY #8 & #11	EDIN A. MAYEN
8999	J T TILE	Services, Not Elsewhere Classified	35316	1611 OXFORD ST #10	JAVIER TAPIA
1743	MITCHELL TILE CO.	Terrazzo, Tile, Marble, Mosaic Work	16382	211 HILLVIEW AVENUE	JEFFREY ROBERT MITCHELL
1799	ODB STONE SERVICES	Special Trade Contractors, Not Elsewhere Classified	41767	740 BAIR ISLAND RD. #101	OSCAR BARANCHUK
1743	RC TILE CO	Terrazzo, Tile, Marble, Mosaic Work	34329	240 HUBBARD AVE	RONALD T. CLOT
1799	ROBLES MARBLE & GRANITE	Special Trade Contractors, Not Elsewhere Classified	37250	404 4TH AVE	MICHAEL ROBLES-OWNER
1799	STEWART TILE, INC.	Special Trade Contractors, Not Elsewhere Classified	26630	356 QUAY LANE	ROBERT M. STEWART
Transportation - Equipment, Rental					
7513	BRANTELL INC.	Truck Rental and Leasing, Without Drivers	22815	1973 BAYSHORE ROAD EAST,	MARLO BRAMLETT
47	ENTERPRISE RENT A CAR CO. OF SAN FRANCISCO	TRANSPORTATION SERVICES	18744	345 EL CAMINO REAL	LEONARD ALMELECH - GM
4789	ERNESTPHIL TRANSPORT	Transportation Services, Not Elsewhere Classified	39846	1169 FAIRVIEW AVE.	MR. ERNESTO ESTOLANO
US Post Office					
4311	POST OFFICE	United States Postal Service	16266	855 JEFFERSON	UNITED STATES

REDWOOD CITY INSPECTION LIST - BUSINESSES TO BE ADDED TO CURRENT SAN MATEO COUNTY INSPECTION LIST

SIC	DBA	SIC DESCRIPTION	LICENSE	BUS ADDRESS	OWNER
Welding, machinging					
7389	GREAT METAL DESIGNS	Business Services, Not Elsewhere Classified	42486	3545 HAVEN AVE.	ARIEL DE LA QUINTANA, OWNER
7692	KUSTOM WELDING	Welding Repair	40947	353 A ST.	KNUTE KENNEY - OWNER
7692	RECYCLING EQUIPMENT REPAIR, INC.	Welding Repair	28298	1017 EL CAMINO REAL #356	ROBERT SIMMS
7692	SOUTH OF BRUNO ENTERPRISE	Welding Repair	41447	660 HUDSON ST.	THOMAS S. STEPHENS, OWNER
35	ULTIMATE MACHINING & WELDING	MACHINERY, EXCEPT ELECTRICAL	21725	1003 ARGUELLO ST, RC	M. ARROYO, PESIDENT
39	WELD-TECH MFG	MISCELLANEOUS MANUFACTURING INDUSTRIES	04257	2700 BAY ROAD	ABIE M ABELLO
Wholesale Trade - Nondurable Goods					
51	GEORGE E. SWETT & CO. INC.	WHOLESALE TRADE-NONDURABLE GOODS	18713	1868 ANAMOR STREET	JOHN SWETT, OWNER & PRESIDENT
51	SLAKEY BROTHERS	WHOLESALE TRADE-NONDURABLE GOODS	14162	30 STEIN AM RHEIN COURT	JAMES HAWKINS, BR. MANAGER
51	WESTERN POWER EQUIPMENT CORP.	WHOLESALE TRADE-NONDURABLE GOODS	01724	909 BROADWAY	ROBERT LASHER
Wine and Distilled Alcoholic Beverages					
5182	DA DISTRIBUTION	Wine and Distilled Alcoholic Beverages	39921	814 HURLINGAME AVE.	DAVID MADRIGAL - OWNER
TOTAL NUMBER OF BUSINESSES TO BE ADDED TO CURRENT COUNTY ENVIRONMENTAL HEALTH INSPECTION LIST: 588					

Contra Costa County
Public Works
Department

Julia R. Bueren, Director
Deputy Directors
R. Mitch Avalon
Brian M. Balbas
Stephen Kowalewski
Stephen Silveira

February 8, 2013

Shin-Roei Lee
Chief, Watershed Management Division
San Francisco Bay Regional Water Quality Control Board
1515 Clay St., Suite 1400
Oakland, CA 94612

RE: Notice of Violation dated December 10, 2012

Dear Ms. Lee:

This letter provides Contra Costa County's response to the Notice of Violation (NOV) letter dated December 10, 2012. The County Watershed Program (CWP), which administers the County's stormwater permits, appreciates the additional time to meet with the many different divisions and departments of the County. The San Francisco Bay Regional Water Quality Control Board (Regional Board) audit conducted in May 2012, upon which the NOV is based, provided an opportunity for me to examine in detail many elements of the County's National Pollutant Discharge Elimination System (NPDES) permit, after having taken leadership of the CWP a few months prior.

The County agrees that some elements of the NPDES compliance program do not comply with the strict letter of the County's NPDES permit, the Municipal Regional Permit (MRP). I have found aspects of the County's NPDES Program that are inadequate in their implementation, most notably follow-up enforcement of violations, consistency of documentation, and accountability across County divisions and departments. As the County's Stormwater Manager, I am committed to addressing and improving these processes. Several recommended and required actions within the NOV call upon the County to revise or update standard operating procedures. I disagree that the MRP has the authority to dictate specific County processes or procedures like filing systems and standard operating procedures. However, the CWP will work toward the development of Standard Operating Procedures where time and budgets allow.

The remainder of this letter responds to specific required and recommended actions outlined in the NOV. I have included full text of each violation description and the required and recommended actions. Each required and recommended action includes the County's response and a time frame for completion, if applicable. The time frame for all actions is designed for implementation beginning in Permit Year 2013-2014.

Violation #1: The County failed to update its legal authority to be consistent with the MRP.

The legal authority is missing the four types of special land uses that trigger LID source control, site design, and stormwater treatment for creation or addition of 5,000 square feet or more of impervious surface. The exemptions for LID source control, site design, and stormwater treatment are not consistent with the MRP. Some information in the legal authority is outdated.

Required Action #1: The County shall update its legal authority to be consistent with the MRP, to the extent necessary to effectively regulate projects to the current permit standard (see Recommended Action #1).

- **County Response: The County's stormwater ordinance has sufficient authority, as it makes reference to the current NPDES permit. The County's ordinance is based upon a model ordinance developed by the Contra Costa Clean Water Program's (CCCWP) Legal Workgroup consisting of members of the City/County Attorneys' Association.**

- **Timeline: Not applicable.**

Recommended Action #1: The County should just refer to the C.3. requirements in its stormwater permit (i.e. "New Development and Redevelopment requirements in the County's NPDES Permit Number CAS612008") instead of modifying its legal authority each time a new requirement becomes effective in Provision C.3.

- **County Response: As stated above, the County's stormwater ordinance has sufficient authority, as it makes reference to the current NPDES permit. However, the CCCWP has just completed a final draft of an updated Model Stormwater Ordinance, which the County may adopt in the future. The updated Model Stormwater Ordinance eliminates many of the specific requirements contained in the original C.3 amendment adopted in 2003.**

- **Timeline: Not applicable.**

Deficiency #1: The County failed to have a database or equivalent tabular format of all its Regulated Projects that have installed onsite, joint, and/or offsite stormwater treatment system as required by Provision C.3.h.

The County does have a tabular format listing its stormwater treatment systems but it does not include all of the information required by Provision C.3.h.

Required Action #2: The County shall update its tabular format to include all of the information required by Provision C.3.h.ii.(5).

- **County Response: The CWP will update the tabular database to include all of the required information.**

- **Timeline: June 30, 2013**

Violation #2: The County failed to develop a prioritized plan for inspecting all installed stormwater treatment systems and hydromodification controls.

The County does not have a prioritized plan for inspecting all installed stormwater treatment systems and hydromodification controls but staff did state that the County inspects all of its stormwater treatment systems annually. Based on Water Board staff's review of the County's tabular format listing its stormwater treatment systems and inspection notes for the past three fiscal years, it appears that the County does inspect its installed stormwater treatment systems frequently.

Required Action #3: The County shall develop and implement a prioritized plan for inspecting all installed stormwater treatment systems and hydromodification controls.

- **County Response: At the time of the compliance inspection, the County had 13 stormwater treatment facilities (SWTF). Staff at the County Watershed Program (CWP) was inspecting these SWTF at least every two years, sometimes more than once per year. The CWP will develop a prioritized plan to meet the requirements of the MRP. Beginning in Permit Year 2013-2014, each SWTF will be monitored once every five years, as required in the MRP.**

- **Timeline: June 30, 2013**

Violation #3: The County failed to ensure that all runoff from C.3. projects are treated.

Provision C.3. requires the County to ensure that runoff from all regulated projects are treated in adequately designed treatment measures. For the Belmont Terrace site, the engineering drawing shows that portions of the runoff from both Falling Star Drive and

Little Valley Drive do not get treated. Mr. Swartz confirmed this observation out in the field.

Required Action #4: Moving forward, the County shall ensure that all runoff from regulated projects are treated in adequately designed treatment measures and that the treatment measures are functional before accepting the project. If treatment cannot be obtained on-site, alternate or off-site treatment can be employed.

- **County Response: The Belmont Terrace project reviewed by your staff was the first project in the County to implement the C.3 treatment control requirements. This project was technically "grandfathered" under the previous NPDES permit. However, the County required this project to comply with the new C.3 rules. Lessons learned from this project and subsequent projects have been incorporated into the CCCWP's Stormwater C.3 Guidebook. The CWP will continue to ensure that all runoff from C.3 projects are treated in accordance with Provision C.3.**

- **Timeline: Not applicable.**

Required Action #5: The County shall develop a template of required information for Operation and Maintenance (O&M) Agreements and ensure that all O&M Agreements have the required information.

The O&M Agreement for El Rincon includes requirement for inspection, frequency of inspection, and documentation of inspections but the O&M Agreement for California Shakespeare Theater does not require any of those items.

The County's tabular format shows self-certification inspections for a number of sites. There is no discussion on the requirements of self-certification inspections in the O&M Agreements for either site.

- **County Response: The County has templates for O&M Agreements, which go well beyond the requirements specified in Provision C.3. h. ii. (5). The self-certification requirement within the agreement is an additional requirement placed by the County, above and beyond those specified in the MRP. The annual certification reminds property owners of the special nature of these facilities and prompts them to assess their health.**

- **Timeline: Not Applicable**

Required Action #6: The County shall maintain a more complete filing system available for Provision C.3. inspection.

It was challenging to find documents in the files that showed compliance with Provision C.3. because the files were incomplete. County staff keeps some personal files of the final SWCPs, signed and/or adopted O&M Agreements, and inspection records that are not available in the main files. County staff stated that the paper files get purged as newer versions of documents get submitted and eventually, the files all get archived. When staff leaves, these personal files can get lost. At a minimum, the County's files for each finished project that triggered Provision C.3. need to have the final SWCP with engineering drawings showing what was installed and where it was installed, the document showing that the site was annexed into the Community Facilities District and executed O&M Agreement. These documents should not be archived because they are needed for O&M inspections. Inspection forms and correspondence regarding O&M all need to be filed and available for use.

- **County Response: There were a large number of files to review. It is possible that your staff may have been confused about where files are kept. The County's filing systems are complete and accurate, even if they are not located within a single, centralized location. The MRP does not regulate filing systems used by Permittees. The County maintains files within the appropriate areas, and they are available for reference when needed.**

- **Timeline: Not applicable.**

Required Action #7: The County's O&M Agreements to have engineering drawings and/or maps showing the location of all treatment units.

As property owners, property managers, and County staff change, it is important for the O&M Agreements to have engineering drawing and/or maps showing the location of all treatment units.

- **County Response: The County's O&M Agreements are consistent with the requirements in the MRP and ensure all installed treatment and hydromodification controls are properly operated and maintained.**

- **Timeline: Not applicable.**

Required Action #8: Moving forward, the County shall ensure that under drains for bioretention units are at least two-thirds the width of the bottom of the bioretention units. This can reduce clogging at the interface with the gravel drain layer and provide more area for infiltration.

- **County Response: The County uses bioretention design specifications contained in the most recent version of the Stormwater C.3 Guidebook at the time the development was submitted. I welcome a regional discussion on the Water Board's proposed underdrain design standard.**

- **Timeline: Not applicable**

Required Action #9: In its ERP, the County shall make revisions to:
(1) require immediate abatement of an active non-stormwater pollutant discharge;
(2) assign an enforcement level for repeat violations of the field scenarios in Level 1 and repeat non-stormwater pollutant discharges in Level 2;
(3) state which staff position has the authority to issue each level of enforcement;
(4) provide guidance on when and under what conditions Cease and Desist Orders, Stop Work Orders, Orders to Clean and Abate, or Notices to Clean enforcement mechanisms can be employed;
(5) include guidance for failure to report spills, falsification of information, improper signature or certification, and failure to submit required information by due date; and
(6) ensure the discussions and the flow chart are consistent.

- **County Response: The CWP has decided to split the Enforcement Response Plan (ERP) for C.5 (Illicit Discharge) and C.6 (Construction Site Controls) from C.4 (Industrial and Commercial Site Controls). A draft of the C.4 ERP has been submitted to me for review. The C.5 & C.6 ERP is still being written.**
  - **(1) Table 1: Flowchart of Tiered Enforcement Response from the May 2012 ERP, page 13 (enclosed), uses the term "Immediate Abate" for minor violations (Tier II) and major violations (Tier III). Furthermore Section C.4.c. ii. (2) requires "all violations must be corrected in a timely manner with the goal of correcting them (emphasis added) before the next rain event but not longer than 10 business days." I do not believe "timely" is synonymous with "immediate." The County's ERP complies with Section C.2.c. ii. (2) of the MRP.**

(2) Table 1 of the May 2012 ERP clearly shows that violations not corrected "before the rain event but no longer than 10 days" shall be elevated to the next enforcement level.

(3) The requirement to state which staff position has the authority to issue each level of enforcement is not specified within the MRP. However, I agree that it is a worthwhile addition and the CWP will include it in the ERP updates.

(4) The CWP will modify the ERP to provide guidance when and under what conditions Cease and Desist Orders, Stop Work Orders, or Orders to Clean and Abate enforcement mechanisms can be employed.

(5) This guidance is not specified within the MRP. However, I agree that it is a worthwhile addition and the CWP will include it in the ERP updates.

(6) The CWP will modify the ERPs to ensure the discussions and the flowchart are consistent.

- **Timeline: June 30, 2013**

Required Action #10: The County shall revise its ERP and Business Inspection Plan to elevate all businesses cited for pollutant exposure, poor housekeeping, or evidence of historical discharge for priority (annual) inspections. Once the businesses are found to be in compliance, the County can place them back on their regular inspection schedule. C.4.b.(3) requires the County to prioritize facilities for inspections.

- **County Response: Section C.4.b. ii. (3) of the MRP refers to prioritizing inspections based upon "pollutant sources on site, pollutants of concern, proximity to a waterbody, violation history of the facility, and other relevant factors." Table 2-2 of the May 2012 Business Inspection Plan (BIP) (enclosed) refers to "enforcement re-inspection" as a category requiring annual reinspection. The text of the BIP refers to "violation history" (Section 2.2, pg. 5) as a factor that would require more frequent inspections. Section 2.3 further clarifies the point, by noting a business that "shows evidence of active non-stormwater pollutant discharges during a routine inspection and gets cited with a Notice of Violation . . . is subject to 'priority' inspection at least once the following year." This text adequately demonstrates compliance with the MRP.**

- **Timeline: Not applicable.**

Recommended Action #2: The County should also revise its ERP and Business Inspection Plan to elevate all businesses cited for stated business practices for priority inspections.

- **County Response: Section C.4.b. ii. (3) of the MRP lists the conditions that trigger prioritized inspections. "Stated business practices" is not included. Stated business practices that have the potential to pollute trigger a Level I response: Verbal warning, Warning Notice/Notice to Comply/Education. Businesses given one of these actions are not required to be assigned to priority inspections. The MRP requires business cited for violations shall be assigned to priority inspections. The BIP and ERP clearly state this.**

- **Timeline: Not applicable.**

Deficiency #2: The ERP fails to clearly direct County staff to verify that all corrective actions have been implemented in a timely manner, before the next rain event but no longer than 10 business days from the time the violations were first discovered, unless longer time is required with a statement of justification.

The ERP can give County staff the option, under certain scenarios, to allow facilities to self-certify that the implementation of corrective actions has been done in a timely manner. An email or fax with pictures and a signed certification statement could be an option for self-certification of corrective actions. The submittal of the email or fax must demonstrate that compliance was achieved in a timely manner.

Immediate corrections can be temporary and short-term but the County must have procedures in place to verify the implementation of the temporary, short-term corrections, require a timeline for the permanent corrections, and verify the implementation of the permanent corrections.

Required Action #11: The County shall (1) revise its ERP to clearly direct staff to verify that all corrective actions for violations have been implemented in a timely manner, before the next rain event but no longer than 10 business days from the time the violations were first discovered, unless longer time is required with a statement of justification; and (2) update its standard operating procedures for Provisions C.4., C.5., and C.6. inspections to include verification that corrective actions have been implemented in a timely manner and guidance on putting together timelines for implementation of permanent corrective actions.

- **<u>County Response:</u> The CWP will update the ERPs to include the requirement to verify that all corrective actions for violations have been implemented in a timely manner, before the next rain event, but no longer than 10 business days from the time the violations were first discovered, unless longer time is required with a statement of justification. There is no requirement in the MRP to develop standard operating procedures.**

- **<u>Timeline:</u> June 30, 2013**

<u>Required Action #12:</u> The County shall (1) evaluate its businesses for the functional aspects and types listed in C.4.b.ii. of the MRP and prioritize them into its BIP for inspection, as appropriate; (2) include a discussion in the BIP that shows that the County has considered the functional aspects and types listed in C.4.b.ii. for inclusion into its BIP; (3) include the total number and list of facilities requiring inspections in the BIP; and (4) have its BIP available for use and dissemination as one document.

- **<u>County Response:</u> The CWP will update the BIP to include the discussion of the process to elevate businesses by functional aspect and types. Since the number of facilities requiring inspections change due to the inclusion of new businesses and the deletion of failed businesses, the CWP will annually attach a list of the businesses requiring inspection as an appendix to the BIP. This appendix will be a separate computer file from the BIP, but will be printed out with the BIP and other appendices.**

- **<u>Timeline:</u> June 30, 2013**

<u>Deficiency #3:</u> The *Enforcement Response Plan Inspection Report Terminology* fails to comply with the MRP requirements. In addition, the *Enforcement Response Plan Inspection Report Terminology* fails to be consistent with the County's ERP. See Attachment 3 for summary of review.

<u>Required Action #13:</u> The County shall revise its *Enforcement Response Plan Inspection Report Terminology* to be consistent with its ERP, which will be revised pursuant to the above required actions.

- **<u>County Response:</u> I acknowledge that there is another level of enforcement in "Appendix D: Enforcement Response Plan Report Terminology." The additional level of enforcement refers to those businesses that pass the inspection with no problems. This additional**

column is confusing and will be removed from the appendix in the ERP revisions. Otherwise, the definitions and terminology are consistent with the rest of the ERP. The County's ERP includes a section called "Definitions" on page vii and viii. These definitions are consistent with the rest of the document.

- **Timeline: June 30, 2013**

Deficiency #4: The Inspection Plan for Hazardous Materials fails to clearly direct inspectors to verify that all corrective actions have been implemented in a timely manner, before the next rain event but no longer than 10 business days from the time the violations were first discovered, unless longer time is required with a statement of justification.

Required Action #14: The County shall ensure that the information contained in future Inspections Plans for Hazardous Materials and Environmental Health is consistent with its revised ERP.

The County must require actual non-stormwater pollutant discharges to be abated immediately. All violations, regardless of their status as minor, major, Class II, or Incident Response, must be corrected within a timely manner, before the next rain event but no longer than 10 business days after the violations are discovered, unless longer time is required with a statement of justification. Corrective actions can be temporary and a longer compliance time can be allowed under certain circumstances such as capital improvement. Rationales for longer compliance times must be documented pursuant to Provision C.4.

Again, the County, under certain scenarios, can allow facilities to self-certify that the implementation of corrective actions have been done in a timely manner. An email or fax with pictures and a signed certification statement could be an option for self-certification of corrective actions. But the submittal of the email or fax must demonstrate compliance was achieved in a timely manner. These certain scenarios and procedures for self-certification must be included in the ERP, and clearly communicated in the Interdepartmental Agreements and to inspectors.

- **County Response: The terminology of the BIP is consistent with the terminology of the ERP. The BIP prioritizes which facilities are inspected. The ERP outlines the inspection process. As discussed in the County's response to Required Action # 11, the CWP will amend the ERP to state that all violations (but not Warnings or Notices to Comply)**

shall be corrected before the next rain event or within 10 business days.

- **Timeline: June 30, 2013**

Required Action #15: The County shall (1) develop and implement mechanisms to ensure that it has an accurate list of all industrial facilities located in unincorporated County and (2) update its BIP with discussions of these mechanisms and accurate lists.

- **County Response: The CWP will update the BIP to include the process to add new businesses and delete closed businesses. Appendix 3-1 of the BID will be updated annually to reflect business turnover. The BIP already includes the process to prioritize business inspections.**

- **Timeline: June 30, 2013**

Required Action #16: The County shall evaluate and better define in its ERP and Business Inspection Plan what the County expects when a BMP is "Recommended" during an inspection by Hazardous Waste Program inspectors. It is unclear if recommendations are requirements and if there are consequences for non-implementation of recommendations tied to violations.

- **County Response: "Recommendations" are used with Level 1 enforcement actions — Warning Notices and Notices to Comply. Actions associated with Violations (Levels II–IV) are requirements. The CWP will better define these terms in the revised ERP. They will not be discussed in the BIP.**

- **Timeline: June 30, 2013**

Required Action #17: The County shall evaluate how it maintains its files and ensure that its files are accurate and complete.

- **County Response: There is no requirement in the MRP regarding maintenance of files. The County's files are accurate and complete. The CWP and/or the CCWP will continue to train staff on the importance of accurate and complete files in its annual training with staff at the Hazardous Materials Division and Environmental Health Division of the Health Services Department. The CWP will also review filing schemes with senior staff in each of these divisions.**

- **Timeline: Not applicable.**

Violation #4: The County failed to require immediate abatement of discharge, and require and/or verify implementation of corrective actions in a timely manner, with the goal of correcting them before the next rain event but no longer than 10 business days after the violations are discovered. The County also failed to provide rationale for compliance dates beyond 10 business days after the violations are discovered.

Attachment 6 lists the facilities that did not have corrective action required and/or verified in a timely manner.

The Hazardous Materials Program's inspection form allows 30 days for businesses to correct minor violations.

Pinole-Rodeo Autowreckers was inspected on September 27, 2011. But since the inspection record is incomplete, it is unclear what were the specific violations, required corrective actions, enforcement action, and the required compliance date. A subsequent inspection on January 20, 2012 shows that the required compliance date had been extended to July 20, 2012. The MRP requires a rationale to be recorded if more than 10 business days are required for compliance. There is no rationale for the extension in the records reviewed. In discussions with Hazardous Materials staff, it appears that the rationale may be that local officials have asked the County to work with the small business. Any rationale must have a timeline listing the specific corrective actions that must be accomplished by certain dates. There is no timeline for corrective actions, but the County did note improvements during its January 20, 2012 inspection and the inspection form for the March 6, 2012 notes that the business was making improvements. Immediate corrections can be temporary and short-term but the County must have procedures in place to verify the implementation of the temporary, short-term corrections, require a timeline for the permanent corrections, and verify the implementation of the permanent corrections. This site has had a history of stormwater violations and has been referred to the Department of Fish and Game and the Water Board.

Required Action #18: The County shall ensure that appropriate corrective actions are required for violations and that the corrective actions are verified in a timely manner. This should be before the next rain event, but no later than 10-business days after the violations are discovered. The County shall revise its inspection forms to reflect this MRP requirement. The County shall also ensure that rationale, for compliance dates beyond 10 business days after the violations are discovered, are recorded and compliance timelines are established.

- **<u>County Response:</u> The Industrial Facilities Inspection form was revised in July 2012 in response to the audit. It may be revised again. The Commercial Inspection form still needs to be revised. The CWP and/or the CCCWP will continue to conduct annual training with staff from Environmental Health and Hazardous Material Divisions of the Health Services Department. The CWP is also developing a process for inspection sheets to be submitted to CWP staff at regular intervals for compliance review.**

- **<u>Timeline:</u> June 30, 2013**

<u>Violation #5:</u> The County failed to implement its ERP.

Of the 35 Food Service inspections that found violations, only one enforcement action was taken: Cease and Desist to Tacos El Grullense/Mobile Truck on January 15, 2010. The rest of the facilities with violations were just given educational materials. (Please see Attachment 7.)

Hazardous Waste inspectors cite minor, Class I, or Class II violations. These three types of violations are not listed or defined in the County's ERP.

Of the 36 inspections done by Hazardous Waste inspectors that found violations, the County took four enforcement actions:

1. AG Schwartz Trucking, 3/24/10 , Class II, Notice to Comply
2. Deal Autowreckers, 11/21/11, Minor and Recommended BMPs, Notice to Comply
3. Diablo Boat Works, 3/24/10, Class II, Notice of Violation
4. Pinole-Rodeo Autowreckers, 6/15/10, Class II, Notice of Violation

No other enforcement actions were taken at businesses with violations, even at ones with Class II violations. (Please see Attachment 8.)

Pinole-Rodeo Autowreckers inspection form for January 20, 2012 noted "...run-off still leaving the property." Based on the notes for the business, the run-off was probably contaminated with non-stormwater pollutants from the business. No action was taken to stop or divert the run-off. And the run-off appears to be an ongoing problem since at least June 30, 2011.

<u>Required Action #19:</u> The County shall ensure consistent implementation of its ERP and revise both inspection forms to reflect the enforcement tools in its ERP.

- **<u>County Response:</u> The CWP and/or the CCCWP will continue to conduct annual training with staff from Environmental Health and Hazardous Material Divisions of the Health Services Department (HSD). The CWP is also developing a process for inspection sheets to be submitted to CWP staff at regular intervals for compliance review.**

- **<u>Timeline:</u> June 30, 2013**

<u>Required Action #20:</u> The County shall define "minor", "major", "Class I", and "Class II" violations in its ERP and associate them with appropriate enforcement tools.

- **<u>County Response:</u> Table 1: Flowchart of Tiered Enforcement Response of the May, 2012, ERP (enclosed) clearly defines "minor," "major," "Class I," and "Class II" violations. The ERP is being revised to create separate documents for C.4 and C.5/C.6.**

- **<u>Timeline:</u> June 30, 2013**

<u>Required Action #21:</u> The County shall provide training to staff responsible for implementing Provision C.4., C.5., and C.6. and the updated standard operating procedures; revised ERP; and revised inspection forms.

- **<u>County Response:</u> The CWP has already developed new inspection forms and trained staff from the Hazardous Material Division of HSD regarding the changes discussed by Regional Board staff during the May 2012 audit. Staff from the Environmental Health Division will be given new inspection forms and trained in the spring of 2013. A revised inspection form for Provision C.6 (Construction Site Controls) will be presented at training prior to the onset of the rainy season. The MRP does not require standard operating procedures.**

- **<u>Timeline:</u> June 30, 2013**

<u>Recommended Action #3:</u> The County should revise its industrial and commercial business inspection form to more clearly identify the violations and the required actions the business must implement. This is similar to how the Food Services inspection form is done.

- **<u>County Response:</u> The Hazardous Materials inspection forms have been revised. The Environmental Health inspection forms will be revised in the spring of 2013.**

- **Timeline: June 30, 2013**

Recommended Action #4: In the continuation sheets used by Hazardous Waste, the County should clearly identify the violation (i.e. SW09) with the required follow-up action that corrects the violation.

- **County Response: The Hazardous Materials inspection forms have been revised. They will be reviewed and possibly revised again. The Environmental Health inspection forms will be revised in the spring of 2013.**

- **Timeline: June 30, 2013**

Violation #6: The County failed to respond in a timely manner, require immediate abatement of the discharge, effectively eliminate the illicit discharge at Pinole-Rodeo Autowreckers, take appropriate enforcement actions, and require implementation of necessary temporary controls to eliminate the sheen leaking from the property into the stormdrain.

Required Action #22: The County shall revise its standard operating procedures to direct inspectors to (1) respond to illicit discharge complaints in a timely manner, (2) ensure that all illicit discharges are fully cleaned up and corrective actions are implemented in a timely manner, (3) sample discharge and receiving water as feasible, and (4) implement its ERP appropriately. The County shall also revise its ERP to direct (1) immediate implementation of BMPs to divert the illicit discharge away from the storm drain and/or waterbodies, (2) timely clean-up and timely verification of the corrective actions, (3) escalation of enforcement for noncompliance and for patterns of noncompliance, and (4) requirement for corrective actions to reduce future non-compliance.

- **County Response: The CWP has already developed new inspection forms and trained staff from the Hazardous Materials Division of HSD regarding the changes discussed by the Regional Board staff during the May 2012 audit. They may be revised again. Staff from the Environmental Health Division will be given new inspection forms and trained in the spring of 2013. The MRP does not require the development of standard operating procedures. Section C.4.c. requires "all violations must be corrected in a timely manner with a goal of correcting them before the next rain event but no longer than 10 business days." This is not "immediate implementation." The ERP will**

be revised to create separate documents for C.4 and C.5/C.6. and will comply with Provision C.4.c. of the MRP.

- **Timeline: June 30, 2013**

Required Action #23: The County shall train its inspectors on the revised standard operating procedures and ERP.

- **County Response: The CWP and/or the CCCWP will continue to conduct annual training with staff from Environmental Health and Hazardous Material Divisions of HSD. Revisions to the ERP will be a central topic in these trainings.**

- **Timeline: Ongoing**

Required Action #24: The County shall discuss if the public landscaping, private common landscaping, and private front yard landscaping are complete (land fully stabilized) at the time of their respective annexations into the City of San Ramon.

- **County Response: It is not clear whether this required action is tied to any violation or deficiency. Public landscaping, private common landscaping, and private front yard landscaping do not need to be complete for a subdivision to be annexed into a city. The County will continue to discuss the status of any developments in progress with the staff from the city who is annexing the property.**

- **Timeline: Not applicable.**

Required Action #25: The County shall define the difference between "needs attention" and "violation" in its inspection form; update its standard operating procedures on what enforcement tools are available for a BMP that "needs attention" and those that are in "violation"; and train its inspectors on these definitions and the enforcement tools available for each.

- **County Response: The Construction Site Inspection Form will be updated to distinguish between "needs attention" (Level 1 — Written Notice/Notice to Comply) and "violation" (Level 2 — Violation). Construction and grading inspectors will be trained as to the new form prior to the beginning of the next construction season.**

- **Timeline: October 1, 2013**

Violation 7: The inspection forms fail to show that corrective actions for violations were consistently verified in a timely manner. The MRP requires timely correction of violations, before the next rain event but no later than 10 business days after the violations are discovered, unless a justification for a longer time is recorded.

Required Action #26: The County shall (1) update its inspection form to allow inspectors more flexibility to record observations in the field; (2) update its standard operating procedures for inspections to reflect the requirements of the MRP; and (3) train its inspectors on the standard operating procedures for inspections and how to fill out each section of the inspection form completely and accurately.

- **County Response: The MRP does not regulate the formatting of inspection forms, nor does it require the development of standard operating procedures. This is at the County's discretion. Construction and grading inspectors will be trained as to the new form prior to the beginning of the next construction season.**

- **Timeline: October 1, 2013**

Violation #8: The County failed to inspect all construction sites disturbing one or more acre of land monthly during the rainy season.

Required Action #27: The County shall train its inspectors to (1) conduct monthly inspections, October – April, at all construction sites disturbing one or more acre of land and at all high priority sites, through all phases of construction until sites are fully stabilized by landscaping or with the installation of permanent erosion control measures, (2) state in the inspection forms when sites are fully stabilized, and (3) record on the first inspection form an appropriate comment, such as "First inspection", for sites that start construction after October. The above information shall also be included in the standard operating procedures for inspections.

- **County Response: A separate ERP for C.5 (Illicit Discharge) and C.6 (Construction Site Controls) is being developed. Construction and grading inspectors will be trained about the new ERP and inspection form prior to the beginning of the next construction season.**

- **Timeline: June 30, 2013 and October 1, 2013**

Violation #9: The County's tracking data failed to match its 2011-2012 Annual Report in a number of required fields.

Required Action #28: The County shall ensure that the information in the Annual Report matches the data in the inspection forms and tracking data table.

- **County Response: The CWP is implementing a procedure to require all construction site inspection forms to be submitted to the CWP on a monthly basis. This will allow staff at the CWP the ability to catch inconsistencies early and make needed corrections.**

- **Timeline: Ongoing**

Recommended Action #5: The County should revise its electronic database/tabular format so that it is easier to read and follow the inspections and actions. Revision to its electronic database/tabular format should help the County with annual reporting.

- **County Response: The CWP is exploring the use of other databases.**

- **Timeline: Ongoing**

Required Action #29: The County shall (1) update the enforcement options in the inspection form to match the options provided in the County's ERP or vice versa, (2) update its standard operating procedures for inspections, and (3) train its staff on the updated inspection form and standard operating procedures.

- **County Response: The CWP is writing a separate ERP for C.5 & C.6 to better address the unique challenges of enforcement on construction sites. The MRP does not require standard operating procedures. The CWP will conduct training prior to next construction season.**

- **Timeline: C.6 ERP: June 30, 2013; Inspector training: October 1, 2013**

Required Action #30: The County shall ensure that construction sites have appropriate BMPs year round to minimize pollutant discharge to receiving waters.

- **County Response: A separate ERP for C.5 & C.6 is being developed. Construction and grading inspectors will be trained as to the new ERP and inspection form prior to the beginning of next construction season.**

- **Timeline: C.6 ERP: June 30, 2013; Inspector training: October 1, 2013**

The County remains committed to continuous improvement of its stormwater programs designed to improve water quality in our creeks, the Delta, and the Bay. I remain committed to continuing to work collaboratively with you and your staff to achieve these goals. If you have any questions, please contact me by phone at (925) 313-2296 or by e-mail at csell@pw.cccounty.us.

Sincerely,

Cece Sellgren

Cece Sellgren
Watershed Program Manager
County Watershed Program

CS:cw
\\PW-DATA\grpdata\fldctl\NPDES\Admin\2012 Audit\NOV\Response to SFRB's 12-10-12 NOV - Final.docx
Enclosures:

- Table 1: Flowchart of Tiered Enforcement Response from "Contra Costa County (Unincorporated) and Contra Costa County Flood Control and Water Conservation District's Enforcement Response Plan," May 2012.
- Table 2-2: Inspection Frequency by Major Business Type from "Industrial and Commercial Businesses Stormwater Inspection Plan," Contra Costa County Public Works Department, May 2012

c: David Twa, County Administrator
Laura Strobel, County Administrator's Office
Julia R. Bueren, Public Works Director
R. Mitch Avalon, Deputy Public Works Director
Mike Carlson, Flood Control
Kevin Emigh, Design and Construction
Dante Morabe, Design and Construction
Warren Lai, Engineering Services
Rich Lierly, Engineering Services
Tom Dalziel, Contra Costa Clean Water Program
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Jason Crapo, Deputy Director, Dept. of Conservation & Development
Marie Taylor, Dept. of Conservation & Development—Construction Inspection
Steve Morioka, Health Services Dept.—Hazardous Materials Division
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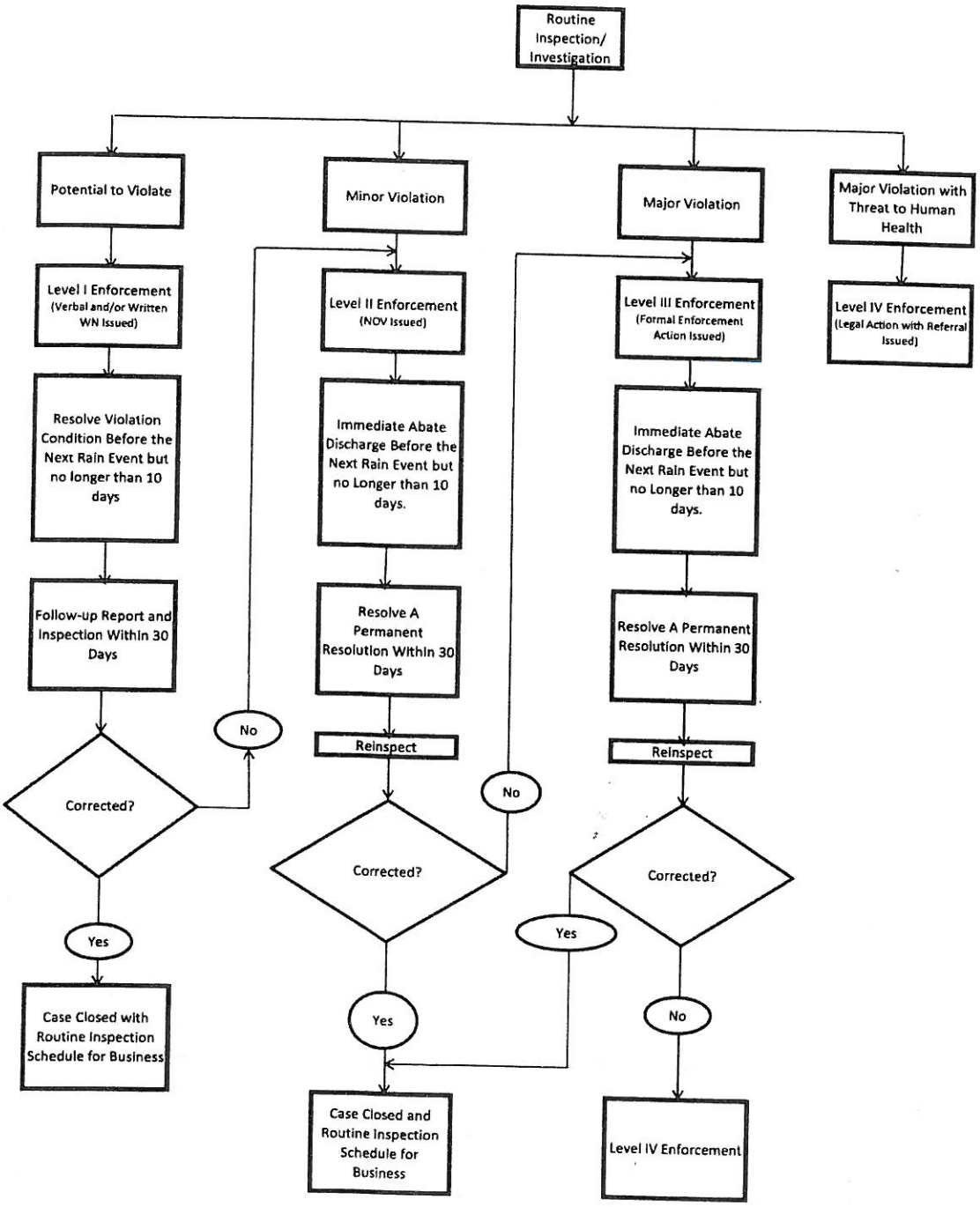
Marilyn Underwood, Health Services Dept.—Environmental Health
John Wiggins, Health Services Dept.—Environmental Health
Tom Mumley, San Francisco Bay Regional Water Quality Control Board
Dale Bowyer, San Francisco Bay Regional Water Quality Control Board
Selina Louie, San Francisco Bay Regional Water Quality Control Board

Enclosure #1
- Required Action #9
- Required Action #20

TABLE 1:

FLOWCHART OF TIERED ENFORCEMENT RESPONSE



Enclosure #2
- Required Action #9

TABLE 2-2 INSPECTION FREQUENCY BY MAJOR BUSINESS TYPE				
Business Type	**Annual**	**1-2 Yrs**	**2-3 Yrs**	**5 Years**
Notice of Intent (NOI) Filers	X			
Community/Commercial Pools	X			
Enforcement Re-inspection	X			
Pretreatment Permitted Facilities	X			
Vehicle Service Facilities (General)			X	
Oil Change Shops			X	
Auto Body Shops w/ or w/o washpad			X	
Fleet Operations			X	
Retail Car Washes			X	
Food Service Facilities			X	
Fast Food Restaurants			X	
Full Service Food Restaurants			X	
Embedded Food Services (cafeteria, deli, etc.)			X	
Grocery Stores			X	
Horseboarding Facilities				X
Retail Gas Outlets			X	
Plant Nurseries		X		
Golf Courses (Food/Vehicle Operations/Grounds)		X		
Manufacturing Facilities	X			
Cement & Asphalt Batch Plants		X		
Corporation Yards	X			
Auto Dismantlers	X			

From: PWS-Marilyn Harang <MHarang@redwoodcity.org>
To: "Selina Louie (slouie@waterboards.ca.gov)" <slouie@waterboards.ca.gov>
CC: PWS-Evan Boyd <eboyd@redwoodcity.org>, E&C-Chu Chang <CChang@redwoodcity...
Date: 3/31/2011 3:08 PM
Subject: Redwood City ERP and Transmital Letter
Attachments: Redwd_City_FINAL_ERP_03_30_2011.pdf; Letter to Mr. Bruce Wolfe SFO BayRegional Water Quality Control Board 03-31-11.pdf; Letter to SF Bay Regional Water Board.pdf

Dear Ms Louie,
Please find enclosed the City of Redwood City's Enforcement Response Plan (ERP) in compliance with Provisions C.4., C.5., and C.6. of the Municipal Regional Stormwater NPDES permit and the following documents:

1. Transmittal

2. Enforcement Response Plan (City)

3. Copy of first response letter to meet the 3/31/2011 deadline

If you have any questions or comments, please contact me (mharang@redwoodcity.org<mailto:mharang@redwoodcity.org>), as the Redwood City representative on the San Mateo Countywide Water Pollution Prevention Program Technical Advisory Committee.

.....Marilyn
Marilyn Harang, Public Works Superintendent
Wastewater Management Services
Public Works Services
1400 Broadway St
City of Redwood City, CA
v. 650.780.7477

Find street cleaning information for your house & neighborhood online at the Community GIS: http://www.redwoodcity.org/gis/<http://pubgis.redwoodcity.org/communitygis/> and view the 2011 Neighborhood Street Cleaning Calendar at: http://www.redwoodcity.org/publicworks/streets/pdf/2011-RWC-Street-Cleaning-Schedule.pdf

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(www.redwoodcity.org/egov<http://www.redwoodcity.org/egov>)
P Please think Green before printing this e-mail

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Office of the City Manager
Robert B. Bell

1017 Middlefield Road
Redwood City, CA 94063
(650) 780-7301
Fax (650) 780-7225

March 31, 2011

Mr. Bruce Wolfe
Executive Officer
San Francisco Bay Regional Water Quality Control Board
1410 Clay Street Suite 1400
Oakland, CA 94612
Attention: Selina Louie

SUBJECT: RESPONSE TO NOTICE OF VIOLATION FOR FAILURE TO DEVELOP AND IMPLEMENT ENFORCEMENT RESPONSE PLANS PURSUANT TO PROVISIONS C.4., C.5., AND C.6. OF WATER BOARD ORDER NO. R2-2009-0074, MUNICIPAL REGIONAL STORMWATER NPDES PERMIT

Dear Mr. Wolfe:

Please find enclosed the City of Redwood City's Enforcement Response Plan (ERP) in compliance with Provisions C.4., C.5., and C.6. of the Municipal Regional Stormwater NPDES permit.

Through Chapter 27A of the municipal code and its amending ordinances, the City has established the Stormwater Management and Discharge Control Program, which defines stormwater compliance, identifies specific violations, establishes the City's right to inspect, impose fines and seek remedies for violations of NPDES permit requirements. The attached ERP provides the detailed process and procedures followed by City staff to enforcement compliance.

If you have additional questions or comments, please contact the City's San Mateo Countywide Water Pollution Prevention Program Technical Advisory Committee representative, Marilyn Harang at mharang@redwoodcity.org or (650) 780-7477.

Sincerely,

Robert Bell
City Manager

City of Redwood City

Enforcement Response Plan

March 30, 2011

Prepared for

City of Redwood City

Prepared by

EOA, Inc.
1410 Jackson Street
Oakland, CA 94612
510.832.2852

City of Redwood City
Enforcement Response Plan

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1.0 Description and Purpose of Enforcement Response Plan

This enforcement response plan (ERP) provides guidance to inspection staff to assist them to take consistent actions needed to achieve effective and timely compliance with applicable sections of the Municipal Code, including Chapter 27A (Stormwater Management and Discharge Control Program) and Chapter 14, Article V (Abatement of Nuisances). This ERP was developed to comply with the following sections of the Municipal Regional Stormwater Permit (MRP):

- Industrial and Commercial Site Controls – ERP (Provision C.4.c);
- Illicit Discharge Detection and Elimination – ERP (Provision C.5.b); and
- Construction Site Control – ERP (Provision C.6.b).

As shown in Appendix A, these different MRP sections contain similar, but not identical requirements for developing and implementing an ERP. The requirements from these three different MRP provisions have been addressed and integrated into this ERP to facilitate consistent enforcement response within the City.

1.1 General Overview of the ERP

The selection of an appropriate enforcement action and the escalation of enforcement are based on the seriousness of the violation and the violator's response to the agency's previous attempts to achieve compliance. The ERP identifies amounts of time to allow for the correction of violations based on the goal stated in the MRP[1]. The nature of a specific violation may require tailoring of the timeframes for correction and/or the use of temporary measures to promptly mitigate a violation before a permanent solution may be implemented. As required by the MRP, Section 5.0 of this ERP also describes when it may be appropriate to refer violations to another agency, such as the San Francisco Bay Regional Water Quality Control Board (Water Board), for additional enforcement.

1.2 Legal Authority

Redwood City has authority to enforce municipal stormwater control requirements under the following sections of the Municipal Code:

- **Section 27A.26** of Chapter 27A (Stormwater Management and Discharge Control Program) provides authority for the following enforcement actions to remedy stormwater violations:
    - Temporary and or permanent injunction.
    - Assessment of the violator for the costs of any investigation, inspection, or monitoring survey which led to the establishment of the violation, and for the reasonable costs of preparing and bringing legal action under Section 27A.26.
    - Costs incurred in removing, correcting, or terminating the adverse effects resulting from the violation, including reasonable attorney's fees and court.
    - Compensatory damages for loss or destruction to water quality, wildlife, fish and aquatic life. Assessments under this subsection shall be paid to the City to be used exclusively

[1] The MRP states that violations must be corrected in a timely manner with a goal of correction before the next rain event, but not longer than 10 business days after discovery unless agency staff document reasons why a longer period is needed in the agency's database or equivalent tabular format.

for costs associated with monitoring and establishing stormwater discharge pollution control systems and/or implementing or enforcing the provisions of Chapter 27A.

- Orders to cease and desist a discharge, practice or operation that has resulted in, or is likely to result in, a discharge in violation of Chapter 27A, directing those persons not complying to 1) comply with the requirement; 2) comply with the time schedule for compliance; and/or 3) take appropriate remedial or preventive action to prevent the violation from recurring.
- Notice to clean oil, earth, dirt, grass, weeds, dead trees, tin cans, rubbish, refuse, waste or any other material in or upon the sidewalk, which may result in an increase in pollutants entering the storm drainage system.
- Arrest or citation of any person who violates any section of Chapter 27A in the manner provided by the California Penal Code for the arrest or release on citation of misdemeanor infractions.

- **Chapter 14, Article V** (Abatement of Nuisances) includes enforcement actions such as described below:
  - Section 14.75 provides for a Notice of Abatement to be given to the owner or other responsible person of or for the premises at which nuisance conditions, as enumerated in Section 14.72, have been found to exist. The Notice of Abatement shall direct the owner or responsible person to abate the condition or appear before the hearing officer to show cause why the condition should not be abated by the City at the owner or responsible person's expense.
  - Section 14.80 provides a process for assessing to the owner or responsible person the costs incurred by the City in the abatement of a public nuisance, including direct and indirect costs.
  - Section 14.81 provides a process for the City to impose a lien against the property upon which it conducted abatement work, in the event that the owner or responsible person does not pay the assessed costs.

Appendix B includes requirements in Sections 14.75-76 of the Municipal Code for abating public nuisances.

2.0 Types of Enforcement Actions and Their Use

This ERP describes a range of enforcement options available for use to encourage prompt correction of violations and the prevention of conditions that pose a threat to cause future violations. There are administrative and judicial remedies in Chapters 14 and 27A of the Municipal Code that provide a range of discretionary options for responding appropriately to a given violation depending on the magnitude of the violation, the duration and history of non-compliance, the good faith efforts of the violator to achieve compliance, the effect on receiving waters, and whether the violation may interfere with the agency's compliance with the MRP. Table 1, on the following page, lists available enforcement actions, provides examples of their use, and identifies time schedules for compliance. More information regarding each type of enforcement action is provided below.

Table 1: Enforcement Actions Overview					
Enforcement Actions	**Use**	**Examples**			**Time Schedule to Achieve Compliance or Escalate Enforcement**
		Industrial/Commercial Business	**Illicit Discharge**	**Construction Site**	
Level 1: **Verbal Warning**	For threatened violations due to inadequate housekeeping, lack of appropriate BMPs to prevent pollution, or threatened non-stormwater discharges disallowed by MRP.	Inappropriate storage of material out-of-doors that may contribute to pollutants in stormwater during rainfall, such as lids on dumpster being left open.	A wash area is present where washwaters may flow to storm drain based on the configuration, operational procedures, or evidence of a possible discharge.	Lack of an updated erosion control plan that reflects current conditions at a construction site.	Before the next rainfall event, but not longer than 10 business days, unless more timely compliance is feasible or other exceptions apply[2].
Level 2: **Written Warning** (without cost)	Issue for minor violations or if the response to a verbal warning is inadequate. A written warning may be in the form of a written inspection report, such as a completed Code Enforcement Notice to Correct form; or other written description of the violations, expected corrections, and schedule for correction.	Use of best management practices that are almost effective, but do not achieve the maximum extent practicable standard, for the pollutant generating activity they are intended to control.	A non-stormwater discharge that is not specifically allowed by the MRP, but might be if adequate documentation and procedures had been followed to verify the adequate control of pollutants and obtain necessary approvals.	Lack of having a copy of the Stormwater Pollution Prevention Plan at the construction site.	Before the next rainfall event, but not longer than 10 business days, unless more timely compliance is feasible or other exceptions apply[3].

[2] The MRP states that violations must be corrected in a timely manner with a goal of correction before the next rain event, but not longer than 10 business days after discovery unless agency staff document reasons why a longer period is needed in the agency's database or equivalent.

Table 1: Enforcement Actions Overview					
Enforcement Actions	**Use**	**Examples**			**Time Schedule to Achieve Compliance or Escalate Enforcement**
		Industrial/Commercial Business	**Illicit Discharge**	**Construction Site**	
Level 3: Notice to Comply	Issue for major violations or if the response to written warning is inadequate. A notice to comply may be in the form of a cease and desist order[3], a stop work order, a Code Enforcement Notice to Correct form with costs assessed, or a letter that describes violations, expected corrections, immediate consequences for the violation, and schedule for correction.	Use of best management practices that are ineffective for the pollutant generating activity they are intended to control.	Discharge of non-stormwater discharges to municipal storm drain system that contain soap or other pollutants.	Inadequate use of BMPs to control sediment runoff from a construction site.	Before the next rainfall event, but not longer than 10 business days, unless more timely compliance is feasible or other exceptions apply[3]. If more time is needed than provided above, consider issuing a stop work order for construction sites, or requiring the immediate cessation of pollutant or illicit discharge generating activities until long-term remedies may be implemented.
Level 4: Legal Action	Pursue for the most serious violations including where the response to the notice to comply is inadequate. These types of violations are referred to city attorney, or the County District Attorney for criminal prosecution.	Lack of use of best management practices for pollutant generating activity, such as storing wastes in a way that allows pollutants to be mobilized by rainfall and stormwater runoff.	Discharge of hazardous wastes to the municipal storm drain system.	Violations that affect the agency's ability to comply with the MRP's requirements.	The time schedule for compliance is determined based on case-specific information. This information is documented as required by the MRP.

[3] Chapter 27A.26 of the Municipal Code provides that an authorized enforcement official may issue cease and desist orders and notices to clean.

2.1 Types of Enforcement Actions

This ERP provides four levels of enforcement action, as described below. Examples of conditions that may warrant each type of enforcement action are included in Table 1.

Level 1: Verbal Warning
A verbal warning is generally used when conditions are identified that threaten to result in a stormwater violation, but no violation has actually occurred. In this case, the inspector notifies the responsible party that conditions threaten to result in a stormwater violation and directs the responsible party to take corrective actions. This notification serves as the enforcement action.

Written documentation of a Verbal Warning is entered in an inspection form or in the Trak-It database. The inspector typically schedules a follow-up inspection. The use of a higher level of enforcement may be considered for locations where there have been previous recent violations for the same issue.

Level 2: Written Warning (Notice to Correct)
A Written Warning is generally used for minor stormwater violations, or if the response to a verbal warning was inadequate. The City's Code Enforcement Notice to Correct form may be used to issue the written warning, or City staff may write a letter or other document containing a written description of the violations, expected corrections, and schedule for correction.

A Written Warning documents the type of violation that occurred and directs the responsible party to identify and correct the cause of the violation. The inspector typically schedules a follow-up inspection and may initiate sampling. The use of a higher level of enforcement may be considered for locations where there have been previous recent violations for the same issue.

Level 3: Notice to Comply
A Written Warning is generally used for major stormwater violations, or if the response to a written warning was inadequate. The Notice to Comply level of enforcement imposes an immediate penalty for the violation. This penalty may be in the form of costs assessed to the responsible party, a requirement to immediately cease and desist from the activity causing the violation, and/or, in the case of construction sites, a Stop Work Notice.

The City's Code Enforcement Notice to Correct form may be used to issue the Notice of Comply and assess costs. A Stop Work Notice form may be used to require the immediate halt of construction activities. Or City staff may write a letter or other document containing a written description of the violations, expected corrections, immediate penalty imposed, and schedule for correction.

Level 4: Legal Action
For the most serious violations, including where the response to a Notice to Comply is inadequate, the case is referred to the City Attorney for legal action. The City Attorney may refer the case to the County District Attorney for criminal prosecution.

2.2 Selecting the Appropriate Enforcement Action

Table 2, at the end of this section, lists the levels of minimum enforcement from the lowest level (Verbal Warning) to the highest (Legal Action) and provides guidelines for selecting the appropriate level of enforcement. When considering the type of enforcement action to be taken, Table 2 serves as the minimum standard. In some cases, escalated enforcement over the minimum may be necessary. When an enforcement action is increased over the minimum, the reasons for the increased enforcement action are documented. Following are five criteria for evaluating the degree of non-compliance:

Magnitude of the Violation
If an isolated instance of non-compliance threatens public health or the environment, damages public or private property, or threatens the effectiveness of the City's illicit discharge detection and elimination program, then the enforcement response may be escalated in order to: 1) mitigate the violation immediately, 2) prevent a recurrence of the violation(s), 3) provide an appropriate level of follow-up, and 4) provide for cost recovery as appropriate.

Duration of the Violation
Violations (regardless of severity) that continue over prolonged periods of time subject the responsible party to escalated enforcement actions. The City gauges its response to prevent extended periods of non-compliance from occurring, with particular attention to the MRP's requirements that violations must be corrected in a timely manner with a goal of correction before the next rain event, but not longer than 10 business days after discovery, unless City staff document reasons why a longer period is needed in the City's tracking database.

Effect of the Violation on Receiving Water
Significant environmental harm is presumed whenever an illicit discharge:

- Exceeds water quality standards.
- Has a toxic effect on the receiving waters.

A minimum response to these types of violations is a Written Warning. In addition, the City may pursue civil action to recover from the responsible party applicable fines and penalties that may be assessed to the City under the MRP.

Compliance History
When evaluating the level of enforcement action to take for a violation, the last 12 months of compliance history of the responsible party is reviewed. If a pattern of recurring violations is noted, then an escalated enforcement action may be warranted. For example, if two verbal warnings have been issued in the past 12 months for a threatened illicit discharge, and the responsible party has another violation at the same level, then the enforcement action is typically appropriate to escalate to a Written Warning.

Good Faith Effort
The responsible party's "good faith" effort in correcting its non-compliance is a factor in determining which enforcement action to take. "Good faith" is defined as the responsible party's honest intention to remedy its non-compliance, coupled with actions that give support to this intention. However, good faith does not eliminate the necessity of an enforcement action.

Inspectors use their best judgment in selecting the appropriate level of enforcement action in the event of "good faith" actions.

Table 2: Guidelines for Selecting the Level of Enforcement Response

Type of violation	Nature of Violation	Enforcement Response	May refer to Water Board
Commercial and Industrial Facilities			
Illicit Discharges	No significant harm to the environment	Verbal Warning	
		Written Warning	
	Significant harm to the environment	Written Warning	
		Notice to Correct/Cost Recovery	
		Legal Action	✓
	Failure to comply, continues illicit discharges after notification	Notice to Correct/Cost Recovery	
		Legal Action	✓
Reporting and Documentation	Responsible party unaware of the requirement	Verbal Warning	
		Written Warning	
	Failure to comply	Written Warning	
		Notice to Correct/Cost Recovery	
		Legal Action	
General Public			
Illicit Discharges	Responsible party unaware of requirement; no significant harm to environment	Verbal Warning	
		Written Warning	
	Responsible party unaware of requirement; significant harm to environment	Written Warning	
		Notice to Correct/Cost Recovery	
	Failure to comply, continues illicit discharge after notification	Notice to Correct/Cost Recovery	
		Legal Action	✓
Construction Sites			
BMP Implementation	>90% compliance	None	
		Verbal Warning	
	50-90% compliance	Verbal Warning	
		Written Warning	
	<50% compliance	Written Warning	
		Notice to Correct/Cost Recovery	
		Stop Work Notice	

Table 2: Guidelines for Selecting the Level of Enforcement Response			
Type of violation	**Nature of Violation**	**Enforcement Response**	**May refer to Water Board**
	Failure to comply	Notice to Correct/Cost Recovery	
		Stop Work Order	
		Legal Action	✓
Illicit Discharge	1st offense, no significant harm to environment	Verbal Warning	
		Written Warning	
	1st offense, significant harm to environment	Written Warning	
		Stop Work Order	
		Notice to Correct/Cost Recovery	
	Failure to comply	Written Warning	
		Notice to Correct/Cost Recovery	
		Stop Work Order	
		Legal Action	✓
Reporting and Documentation	1st offense	Verbal Warning	
		Written Warning	
	Failure to comply	Written Warning	
		Notice to Correct/Cost Recovery	✓[4]

2.3 Use of Forms to Enforce Stormwater Violations

The following forms, which are included in Appendix C, are used by City staff to issue enforcement actions:

- **Code Enforcement Notice to Correct:** Code Enforcement staff routinely use this form to issue written warnings for violations identified during public nuisance investigations, including investigations of illicit discharges and stormwater referrals or complaints regarding commercial and industrial facilities. This form is also used by building inspectors to issue written warnings at construction sites. Both Code Enforcement staff and building inspectors use this form to issue notices to comply that include the assessment of costs.
- **Stop Work Notice:** Building inspectors and construction site inspectors may issue a Stop Work Notice in response to major stormwater violations at construction sites.

2.4 Tracking of Violations

City staff enters information regarding stormwater enforcement actions, and the actual timeframe in which compliance is achieved, into its Trak-It database, in order to track enforcement data, as

[4] City Attorney may consider notifying Water Board of sites that disturb 1 acre or more of land that fail to provide Storm Water Pollution Prevention Plan, as required by the State's Construction General Permit.

required by Provisions C.4, C.5, and C.6. The data tracked in the database is then used to complete the City's MRP Annual Report Form at the end of each fiscal year.

3.0 Escalation of Enforcement Actions

This ERP incorporates a progressive enforcement response policy that is designed to maintain a fair and equitable system for enforcement to ensure that enforcement actions are proportionate to the violations, to provide maximum flexibility and effectiveness of enforcement actions, and to provide a system of escalating enforcement actions to encourage prompt compliance. Chapter 27A and other sections of the Municipal Codes allow for a degree of enforcement flexibility and a range of enforcement options that are needed to most efficiently gain compliance. An enforcement action may be upgraded or escalated depending on the circumstances of the case.

As a result of any stormwater violation, there is a need to increase inspections to verify that the violation has been corrected. For enforcement actions that include a compliance date, the facility or site is re-inspected on that date or shortly thereafter to confirm that compliance is achieved. Escalated enforcement actions and additional inspections shall be conduced until the violation is corrected.

In any event, municipal staff shall adhere to the requirements in the MRP to require violations to be corrected in a timely manner with a goal of correction before the next rain event, but not longer than 10 business days after discovery, unless agency staff document reasons why a longer period is needed in the City's database. If the corrections are not made within the designated timeframe, and there are not legitimate, documented reasons for allowing a longer period of time to achieve compliance, then City staff escalates enforcement to the next level.

4.0 Roles and Responsibilities

This section describes the duties of City staff that are responsible for implementing enforcement actions described in this ERP, and it also describes the City's arrangements with San Mateo County Environmental Health regarding the enforcement of stormwater violations discovered during the inspection of commercial and industrial facilities located in Redwood City.

4.1 Stormwater Enforcement Duties of City Staff

Table 2 identifies the applicable departments of the City and the County that, respectively, have responsibility for enforcing stormwater violations of requirements in Provisions C.3., C.4 and C.5. All Code Enforcement Officers and Building Inspectors are trained and authorized to conduct all levels of enforcement actions in this ERP, with the exception of legal action, which is the responsibility of the City Attorney.

Public Works Services (PWS) is not shown on Table 2. This department does not conduct enforcement actions; however, as part of its responsibility for the operation and maintenance of the City's storm drain collection system, PWS staff conducts cleanup response to illicit discharges that have entered the city's storm drain system. During the cleanup process, the crew attempts to identify the source of the illicit discharge and contacts the City's Code Enforcement Unit to pursue the violator(s). PWS provides a detailed cost recovery for the City's expenses to respond and remediate the illicit discharge, which is provided to the violator as part of the

enforcement action. Additionally, County Environmental Health is notified immediately of business practices that violate the Clean Water Act, to assist County Environmental Health in their business inspection duties, described in Section 4.2. The role of PWS staff in construction site compliance (by contractors) is limited to reporting poor business practices to the building inspectors in Building, Infrastructure and Transportation of any violations of the storm water specifications that may be observed at construction sites.

4.2 County Environmental Health Involvement in Stormwater Enforcement

The City of Redwood City entered into an agreement with San Mateo County Department of Health Services in October 2003, for County Environmental Health staff to inspect businesses in Redwood City to help the City comply with municipal stormwater permit requirements. Most other municipalities within San Mateo County also contract with the Department of Health Services to meet these municipal stormwater permit requirements.

Table 3: Stormwater Enforcement Staffing Assignments

Enforcement Actions	Enforcement Personnel		
	C.4	C.5	C.6
Verbal Warning	City Code Enforcement County Health Services	Code Enforcement	Building Inspection
Written Warning	City Code Enforcement County Health Services	Code Enforcement	Building Inspection
Notice to Comply	City Code Enforcement County Health Services	Code Enforcement	Building Inspection
Legal Action	City Attorney	City Attorney	City Attorney

County inspectors that conduct these inspections, which are required by Provision C.4 of the MRP, enforce the stormwater violations encountered during inspections for which they have enforcement authority. However, there are some types of stormwater violations, such as citing a facility for allowing wash waters to drain to the storm drain, which County Environmental Health inspectors are not currently authorized to enforce. Currently, when County inspectors encounter a stormwater violation that they are not authorized to enforce, they refer the violation to City staff, and the City's Code Enforcement Unit enforces the violation.

Redwood City is currently participating in a process with the San Mateo Countywide Water Pollution Prevention Program and County Environmental Health to consider revising the agreements between the County and the municipalities that use its services for commercial and industrial stormwater inspections. If this process results in expanding the authority of County Environmental Health inspectors to enforce additional stormwater violations, there may be fewer referrals by County Environmental Health inspectors to the City's Code Enforcement staff.

5.0 Referral to Other Agencies

The MRP states that where enforcement tools are inadequate, the violations shall be referred to the Regional Water Board, district attorney, or other relevant agencies for additional enforcement (Provision C.4.c). The legal enforcement action may include referral to the San Mateo County District Attorney Environmental Crimes Unit. Referrals may also be made to the California Department of Fish and Game and possibly to the U.S. Environmental Protection Agency, if the Regional Water Board staff is unable to provide effective assistance. Any such referrals that may be made are subject to the discretion of the City Attorney.

Appendix A

Comparison of Municipal Regional Stormwater Permit's Enforcement Response Plan Requirements

Task Description	Provision C.4 Industrial/Commercial	Provision C.5 Illicit Discharge Detection/Elimination	Provision C.6 – Construction Site Control
Overall Description	Develop and implement ERP that serves as inspection staff's reference document to take consistent actions to achieve timely and effective compliance.	Develop and implement an ERP that serves as guidance for inspection staff to take consistent actions to achieve timely and effective abatement of illicit discharges.	Develop and implement ERP that serves as inspection staff's reference document to take consistent actions to achieve timely and effective compliance. {identical to Prov. C.4)
Required Enforcement Actions/Recommended Responses	Include timeframes for correction of various field violation scenarios and provide guidance on appropriate use of various enforcement tools, such as verbal and written notices, citations, cleanup requirements, administrative and criminal penalties.	Include timeframes for correction of various types and degree of violations. ERP will provide guidelines on when to employ the range of regulatory responses from warnings, citations and cleanup and cost recovery, to administrative or criminal penalties.	Include timeframes for correction of problems for various field violation scenarios.
Timely Correction of Violations	States violations as a goal must be corrected before the next rain event, but no longer than 10 business days after discovery unless reasons are recorded in Permittee's database or equivalent. Include appropriate time periods for each level of corrective action. Describe permittee's procedures for follow up inspections, enforcement actions, and referral to another agency.	Goal of correcting violations before the next rain event but not longer than 10 business days after discovery unless rationale is recorded in database or equivalent. Immediate correction can be temporary and short-term if a long-term, permanent correction will involve significant resources and construction time. An example of replumbing a wash area is described.	All violations much be corrected in a timely manner with goal of correcting them before the next rain event but no longer than 10 business days after the violations are discovered. If more than 10 business days are required for compliance, a rationale shall be recorded in database or equivalent.

Task Description	Provision C.4 Industrial/Commercial	Provision C.5 Illicit Discharge Detection/Elimination	Provision C.6 – Construction Site Control
Escalation of Enforcement/Referrals	Enforce stormwater ordinances as necessary to achieve compliance. Where enforcement tools are inadequate, refer the case to the Water Board, district attorney or other relevant agencies for additional enforcement.	If corrective actions are not implemented promptly or if there are repeat violations, permittees shall escalate responses as needed to achieve compliance, including referral to other agencies where necessary.	Take progressively stricter responses to achieve compliance. ERP shall include structures for progressively stricter responses & various violation scenarios that evoke progressively stricter responses.
Recordkeeping	Maintain adequate records to demonstrate compliance and appropriate follow-up enforcement responses. Lists specific information to track regarding business inspections; list includes type of enforcement and problem resolution.	All incidents or discharges reported to the complaint/spill system that might pose a threat to water quality shall be logged to track follow up and response through problem resolution. Data collected shall be sufficient to demonstrate escalating responses to repeated problems, and inter/intra-agency coordination, where appropriate. Specific spill and discharge complaint tracking information requirements are listed in Provision C.5.f.ii.	Specific information required for each inspection and problems found and resolved is listed in Provision C.6.e.ii.(4).
Reporting	Lists information for inclusion in the annual report including number and percent of violations resolved within 10 working days or otherwise resolved in a longer but still timely manner. Frequency and types/categories of violations observed. Frequency and type of enforcement. Summary of types of violations by business category.	Number of discharges reported; number of discharges reaching storm drains and/or receiving waters; number and percentage of discharges resolved in a timely manner; and summary of major types of discharges and complaints.	Reporting of inspection results is required in Provision C.6.e.iii. Agencies must report the number and percentage of each type of enforcement action listed in its ERP.

Appendix B

Municipal Code Requirements Issuing Nuisance Abatement Actions

Sec. 14.75. Notice to Abate:

A. Notice: Upon determining that a nuisance exists, the Enforcement Officer shall give notice to the owner or other responsible person of or for the premises of the existence of the condition of the nuisance and shall direct such person or persons to abate such condition or appear before the Hearing Officer at a stated time and place, not less than ten (10) days from the date of said notice, to show cause why such condition should not be abated by the City at such person's expense.

B. Form: The notice to abate shall be in substantially the following form:

NOTICE TO ABATE NUISANCE

(Name and Address of Person Notified)

As owner, agent, lessee or other person occupying or having charge or control of the building, structure, lot or premises at _____ you are hereby notified that the undersigned, pursuant to the provisions of Section 14.74 of the Code of the City of Redwood City has determined that there exists upon said premises condition(s) constituting a public nuisance(s) under the following subdivision(s) of Section 14.72 of said Code:

_____

_____

You are hereby notified and directed to abate said condition(s) by repairing, replacing, removing, destroying or otherwise remedying the condition(s) to the satisfaction of the undersigned Enforcement Officer within _____ days of the date of this notice or, alternatively, to appear at the office of the Hearing Officer located at _____, Redwood City, California, on _____, _____, at _____; o'clock ___.M., to show cause, if any you have, why said condition should not be abated by the City and the expenses thereof charged to you as a personal debt and/or made a lien upon said premises. Abatement shall be accomplished in the following manner:

_____

_____

Dated: _____

Enforcement Officer
(Ord. No. 1989, § 2, 3-13-89)

Sec. 14.76. MANNER OF GIVING NOTICE:

A. Personal; Mail: The notice described in Section 14.75 may be served personally upon the owner or other responsible person and, if not served personally, shall be sent by mail to the owner and any other responsible person to be charged with the duty of abatement. Said notice shall be given not less than ten (10) days before the date of the hearing specified therein. Notice by mail shall be sent by first-class (or equivalent) mail, postage prepaid and addressed as follows:

1. To the owner at the address of the owner, appearing on the last equalized assessment roll or as known to the Enforcement Officer.

2. To any other such person as such person's name and address are known to the Enforcement Officer or at the address of the premises.

B. Posting: The Enforcement Officer shall post conspicuously at least one copy of the notice on the premises in the vicinity of the object or objects constituting the nuisance or in the vicinity of the entrance to any dwelling or other structure on the premises. Said notice shall be posted not less than ten (10) days before the date of the hearing specified therein.

C. Filing: The Enforcement Officer shall file a copy of the notice in the office of the Hearing Officer, together with an affidavit or declaration under penalty of perjury, stating the time and manner in which such notice was given. The failure of any owner or other responsible person to receive such notice shall not affect in any manner the validity of any proceedings taken hereunder. (Ord. No. 1989, § 3-13-89)

Appendix C

Forms Available for Use in Enforcement Actions

The following forms are included in this appendix:

- Code Enforcement Notice to Correct
- Stop Work Notice

For Administrative Citation

CITY OF REDWOOD CITY

1017 Middlefield Road, P.O. Box 391, Redwood City, California 94064

CODE ENFORCEMENT NOTICE TO CORRECT

☐ **COURTESY NOTICE** ☐ **VIOLATION NOTICE** ☐ **COURTESY WARNING LETTER**

Date: Location of Violation: **Case No:**

Responsible Party/Address:

Zip:

☐ Premises not maintained in a clean, sanitary, and safe condition ..... Redwood City Code: 9.6, 14.72(G), (P)
☐ Illegal dwelling unit ..... Redwood City Code: 9.40, 9.6
☐ No Building Permit to alter, repair, remove, etc. ..... Redwood City Code: 9.40, 9.6
Illegal fence: ☐ Height ☐ Visibility ☐ Dilapidated ..... Redwood City Code: 14.72 (K), ZO Art. 36
☐ Graffiti ..... Redwood City Code: 14.104
☐ Menace, danger to public health/safety/peace ..... Redwood City Code: 14.72(Q)
☐ Litter, debris that is visible from private and/or public property ..... Redwood City Code: 14.72(I)
Garbage/Refuse cans: ☐ Not Watertight ☐ Visible from street ☐ Early/late placements ..... Redwood City Code: 14.72(B)
Weeds, bushes, trees, and other vegetation:
- ☐ Overgrown, dead, fire hazard, rodent harborage ..... Redwood City Code: 14.72(F)
- ☐ Sight clearance obstruction at driveway/street, landscaping ..... Zoning Ordinance: 36.4
- ☐ Encroaches into sidewalk/public right-of-way/36" max height ..... Redwood City Code: 14.72(E)

Cars, trucks, trailers, other vehicles, or parts thereof:
- ☐ Inoperative/Unregistered in public/private view ..... Redwood City Code: 14.72(M)
- ☐ Parked/stored on front side or side yard ..... Redwood City Code: 14.72(O)
- ☐ Used for sleeping, cooking, or living purposes ..... Redwood City Code: 14.72(N)
- ☐ Greasing or repairing on public street ..... Redwood City Code: 20.92(B)

☐ Illegal garage conversion/removal of required parking ..... Zoning Ordinance: 30.2.1
☐ No vendor, peddler, permit or business license ..... Redwood City Code: 13.15, 28.3, 32.101
☐ Illegal home occupation/Business ..... Zoning Ordinance: 2.50
☐ Violation(s) of sign ordinance ..... Redwood City Code: 3.133
☐ No planning approval/Permit ..... Zoning Ordinance: 1130 Art. 50
☐ Other
CORRECTION:

If the above corrections are not made by the date noted above, citations may be issued. Fines may up to $100 for first offense (unless noted above), $200.00 for the second offense, and $500.00 for each additional offense. Each day of violation may constitute a separate offense.

Issued by. Contact Telephone # Code Enforcement Main # **780-7350**

Signature of: Choose an item. _____

☐ **NOTICE POSTED ON PROPERTY** ☐ **NOTICE MAILED**

NOTICE NUMBER: _____

STOP WORK NOTICE

City of Redwood City Building & Inspection

Date: _____ Time: _____

Address: _____

THIS BUILDING HAS BEEN INSPECTED AND THE FOLLOWING CONDITIONS OBSERVED IN VIOLATION OF REDWOOD CITY BUILDING ORDINANCE NUMBER 1381:

- ❒ General Construction
- ❒ Foundations
- ❒ Masonry
- ❒ Plumbing
- ❒ Mechanical
- ❒ Reinforcing Steel
- ❒ Lathing and Plastering
- ❒ Nailing
- ❒ Electrical
- ❒ Roofing
- ❒ Framing
- ❒ Unauthorized by Permit
- ❒ No Permit
- ❒ Permit Expired

❒ Other: _____

_____

_____

_____

PRIOR TO PROCEEDING WITH ANY FURTHER WORK, PLEASE CONTACT THE INSPECTOR RESPONSIBLE FOR ISSUANCE OF THIS NOTICE AT THE CITY OF REDWOOD CITY BUILDING & INSPECTION DIVISION.

ISSUED BY (*Please Print Your Name*): _____

INSPECTOR'S NAME

DO NOT REMOVE THIS NOTICE

UPON CONTACT WITH THE CITY, REFER TO THE DATE, ADDRESS, INSPECTOR, AND NOTICE NUMBER (SEE ABOVE).

CITY OF REDWOOD CITY - BUILDING & INSPECTION
P.O. Box 391 - 1017 Middlefield Road
Redwood City, California 94064

Telephone: (650) 780-7350
Fax: (650) 780-7348
Email: permits@redwoodcity.org

Office of the Interim City Manager
Robert B. Bell

1017 Middlefield Road
Redwood City, CA 94063
(650) 780-7301
Fax (650) 780-7225

January 11, 2011

Mr. Bruce Wolfe
Executive Officer
San Francisco Bay Regional Water Quality Control Board
1410 Clay Street Suite 1400
Oakland, CA 94612
Attention: Selina Louie

SUBJECT: RESPONSE TO NOTICE OF VIOLATION FOR FAILURE TO DEVELOP AND IMPLEMENT ENFORCEMENT RESPONSE PLANS PURSUANT TO PROVISIONS C.4., C.5., AND C.6. OF WATER BOARD ORDER NO. R2-2009-0074, MUNICIPAL REGIONAL STORMWATER NPDES PERMIT

Dear Mr. Wolfe:

This letter is in response to the subject Notice of Violation issued via email to former city manager, Peter Ingram on December 2, 2010.

I want to assure the Regional Board that the city has the legal authority to enforce compliance with the Clean Water Act and the provisions of the California Water Code with regards to stormwater. Through Chapter 27A of the municipal code and its amending ordinances, the City has established the Stormwater Management and Discharge Control Program, which defines stormwater compliance, identifies specific violations, establishes the City's right to inspect, impose fines and seek remedies for violations of NPDES permit requirements. There are procedures including steps in the enforcement process in place, however, the ERP must be written detailing the City's process.

Over the past several months, the City has experienced reductions in staff and budgets, including layoffs and retirements that delayed our submittal of a draft Enforcement Response Plan (ERP). During this transitional period the City has been working to complete this critical compliance assignment per the requirements of the Municipal Regional Stormwater Permit (MRP).

The City will submit the ERP document by March 31, 2011.

Sincerely,

Robert Bell, Interim City Manager

c: Evan Boyd, Public Works Services Director
Marilyn Harang, Public Works Services Superintendent
Chu Chang, Community Development Services Manager
Peter Vorametsanti, City Engineer
Hilary Stevenson, Deputy City Attorney

U.S. Environmental Protection Agency
Region 9
Water Division
75 Hawthorne Street
San Francisco, CA 94105-3901

MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) COMPLIANCE INSPECTION

CITY OF RIALTO, CALIFORNIA

INSPECTION REPORT

Inspection Date:
September 20, 2012

Report Date:
October 17, 2012

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Section 1.0 Introduction

On September 20, 2012, the U.S. Environmental Protection Agency's (EPA) contractor, PG Environmental, LLC, and staff from the Santa Ana Regional Water Quality Control Board (RWQCB; hereinafter, collectively, the Inspection Team) conducted an inspection of the City of Rialto, California (hereinafter, City), Municipal Separate Storm Sewer System (MS4) Program.

According to the 2010 U.S. Census, the City is approximately 22.4 square miles with a population of 99,171 people. The City is located in the southwestern portion of San Bernardino County, 60 miles east of Los Angeles, CA. As described by City staff, the MS4 discharges into the nearby Santa Ana River.

Section 1.1 Permit and Storm Water Management Plan

Discharges from the City's MS4 are regulated under Santa Ana Regional Water Quality Control Board *Order No. R8-2010-0036, National Pollutant Discharge Elimination System (NPDES) Permit, No. CAS618036, and Waste Discharge Requirements for the San Bernardino County Flood Control District, the County of San Bernardino, and the incorporated Cities of San Bernardino County within the Santa Ana Region* (hereinafter, the Permit), issued January 29, 2010. The City's storm water discharges have been regulated under the NPDES Permit program since 1990, and the City has been developing its MS4 program since that time. A copy of the current Permit is included as Appendix A.

The Permit authorizes the City to discharge storm water runoff and certain non-storm water discharges from its MS4 to waters of the United States, under the Permit's terms and conditions. The Permit requires the City to revise and implement the Municipal Storm Water Management Plan. Pursuant to this requirement, the Permittees revised and have been operating under the Municipal Storm Water Management Plan (hereinafter, Regional MSWMP). RWQCB staff had previously evaluated each of the Permittees' storm water programs and determined that one of the major deficiencies in the program was a lack of a written procedure on how to implement various elements of the Regional MSWMP. This prompted the RWQCB to include a Permit requirement that each of the Permittees develop and implement its own Local Implementation Plan. A copy of the City's Local Implementation Plan (hereinafter, City LIP) is included as Appendix B.

Section 1.2 Purpose of Inspection

The purpose of the inspection was to obtain information that will assist EPA and the RWQCB in assessing the City's compliance with the requirements of the Permit and the City LIP, as well as the implementation status of the City's current MS4 program.

Section 1.3 Program Areas Evaluated

The inspection included an evaluation of the City's compliance with two of the program elements included in the Permit:

Part XII	New Development (Including Significant Redevelopment)
Part XVII	Program Management Assessment

The Inspection Team did not evaluate all components of the Permittee's MS4 Program. Therefore, the Permittee should not consider this inspection report a comprehensive evaluation of all individual program elements.

Section 1.4 Inspection Process

The Inspection Team obtained information through a series of interviews with representatives from the City's Public Works Department and Engineering Department, along with a series of site visits, record reviews, and field verification activities. The Inspection Team presented their credentials at the opening meeting of the inspection. Dry weather conditions were experienced throughout the inspection activities. A copy of the tentative agenda distributed prior to the inspection is included as Appendix C.

It should be noted that this inspection report does not attempt to comprehensively describe all aspects of the City's MS4 program, fully document all lines of questioning conducted during personnel interviews, or document all in-field verification activities conducted during the site visits.

A copy of the inspection sign-in sheet is included as Appendix D. The primary representatives involved in the inspection were the following:

City of Rialto MS4 Inspection: September 20, 2012	
City of Rialto Public Works Department	Lynn Merrill, Environmental Consultant, NPDES Contract Administrator Marcus Fuller, Public Works Director Nadeem Syed, Public Works Deputy Director Timothy Sullivan, Public Works Supervisor Rick Buysse, Public Works Supervisor Amy Crow, Environmental Program Coordinator John Wheatley, Project Manager
City of Rialto Engineering Department	Walter Allison, Principal Civil Engineer Cyrus Nekcoee, Assistant Engineer

Roger Turner & Associates	Roger Turner, City Consultant
Santa Ana Regional Water Quality Control Board	Keith Elliott, Water Resources Control Engineer Muhammad Bashir, Water Resources Control Engineer
EPA Contractors	Candice Owen, PG Environmental, LLC Anthony D'Angelo, PG Environmental, LLC

Section 2.0 Program Evaluation Observations

This inspection report identifies program deficiencies and potential violations, and is not a formal finding of violation. Potential violations are areas not fulfilling requirements of the Permit and/or City LIP. Program deficiencies are areas of concern for successful program implementation or areas that, unless action is taken, have the potential to result in non-compliance in the future.

During the evaluation, the Inspection Team obtained documentation and other supporting evidence regarding compliance with the Permit and associated City LIP. The City LIP contains a number of best management practices (BMPs), program implementation descriptions, and inspection and other types of forms. Findings in this report were generated using the Permit and the City LIP as opposed to the MSWMP due to the general county-wide content of the MSWMP. See Section 2.2.5 for a further discussion of City LIP status.

Referenced documentation used as supporting evidence is provided in Appendix E, the Exhibit Log, and photo documentation is provided in Appendix F, the Photograph Log.

Section 2.1 New Development (Including Significant Redevelopment)

Part XI.A.1-9 of the Permit states the general requirements for the New Development (Including Significant Redevelopment) program which include requiring proper erosion and sediment control BMPs and review, approval and verification of implementation of project-specific Water Quality Management Plans (WQMPs).

The Inspection Team held discussions with City staff regarding the implementation status and documentation of its program for New Development (Including Significant Redevelopment).

City staff explained that the City requires that a WQMP be developed for all public and private new development and significant redevelopment projects. City staff further explained that the City requires the submittal and approval of the WQMP prior to the

issuance of a grading/building permit. The final WQMP and grading plan is reviewed and approved by the City Consultant. The City requires that WQMP project owners enter into a recordable Storm Water Quality Management Plan and Storm Water BMP Transfer, Access and Maintenance Agreement with the City (see Appendix E, Exhibit 1).

Potential Violation:

2.1.1 The City had not documented field verification of BMPs or sent associated information to the RWQCB. Part XI.I.1 of the Permit states that "[t]he Permittees' project close-out procedures shall include field verification that site design, source control and treatment control BMPs are designed, constructed and functional in accordance with the approved WQMP." Part XI.I.1 of the Permit additionally states that "[d]ocumentation of the field verification, including the WDID number, if applicable, information on the type, location and maintenance responsibility of the BMPs shall be sent to the Regional Board office by regular mail or electronic mail."

Per discussion with City Engineering Department staff, field verification of site design, source control and treatment control BMPs is not a formalized process and is not recorded by the City. The City Principal Civil Engineer stated that he walks the site at the end of a project to ensure the site has been built per City requirements, which includes checking that any post-construction BMPs have been installed. The City Principal Civil Engineer stated, however, that field verification was not conducted using the WQMP to ensure that BMPs were constructed per WQMP requirements. City staff stated additionally that they had not submitted the information related to field verification of BMPs required in Part XI.I.1 of the Permit to the RWQCB. For example, the Inspection Team visited the post-construction BMP implemented at the City's Fire Station No. 202 which is detailed in Section 2.1.4, below. Through conversations with City staff it was apparent to the Inspection Team that documentation of the field verification for the site, including the WDID number and information on the type, location and maintenance responsibility of the BMPs had not been submitted to the RWQCB.

Program Deficiencies:

2.1.2 The City did not have a database for post-construction BMPs that included information about operation and maintenance as required by the Permit. Part XI.K.2 of the Permit states that within 12 months of adoption of the Permit [January 29, 2011], the City shall "[d]evelop a database to track operation and maintenance of post-construction BMPs." Part XI.K.2 of the Permit additionally states that "[t]he database should include available BMP information such as the type of BMP design, location of BMPs (latitude and longitude), date of construction, party responsible for maintenance, maintenance frequency, source of funding for operation and maintenance, maintenance verification, and any problems identified during inspection including any vector or nuisance problems." The Inspection Team formally requested a database/map of post-construction BMPs with location and maintenance status. In response, the NPDES Contract Administrator presented the Inspection Team with a *City of Rialto WQMP Inventory* dated September 19, 2012, (see Appendix E, Exhibit 2). The NPDES Contract

Administrator explained that City staff had obtained the inventory from the San Bernardino County BMP spreadsheet and were in the process of performing quality assurance on the inventory through field verification and record checking. The Inspection Team noted that the "Date Approved" column had not been completed for the majority of WQMP projects and that the WQMP Inventory did not contain Permit suggested information including: party responsible for maintenance, maintenance frequency, source of funding for operation and maintenance, maintenance verification, and any problems identified during inspection (including any vector or nuisance problems).

2.1.3 The City had not performed and did not have documentation for operation and maintenance inspections of public and private WQMP projects. Part XI.I.2 of the Permit states that "post-construction BMPs shall be inspected, prior to the rainy season, within three years after project completion and every three years thereafter. The Permittees shall verify, through visual observation, that the BMPs are properly maintained, operating, and are functional."

City staff stated that the City Inspector had conducted industrial/commercial inspections and inspections of private post-construction BMPs from July until October 2011, at which time he was laid off due to monetary constraints in the City. See Section 2.2.5 for further details on City layoffs. The NPDES Contract Administrator explained that City staff could not find records for post-construction BMP maintenance inspections conducted during this period, and that inspections had not been conducted since the City Inspector's employment had been terminated. City staff stated that the City was in the process of training a new inspector, but that the training process was not complete and the new inspector had not begun to perform inspections in the City.

City staff explained that post-construction BMPs are turned over to the City's maintenance crews for maintenance once construction is complete. City staff stated that City maintenance crews perform routine maintenance; however, the City does not maintain documentation of performed maintenance other than general City work orders. The NPDES Contract Administrator stated that the City had not documented inspections and maintenance performed on City post-construction BMPs.

2.1.4 Site visits to structural post-construction BMPs.

Site Visit: Fire Station No. 202 – 1700 North Riverside Avenue, Rialto, California, 92376

The Inspection Team visited a recently constructed City of Rialto fire station located at 1700 North Riverside Avenue. The fire station was constructed with an underground infiltration system intended to capture and infiltrate storm water runoff from the site's impervious areas.

The Inspection Team observed the following with regard to the implementation of post-construction BMPs at the site:

1. Two storm drain inlets led to an underground infiltration system (see Appendix F, Photographs 1 through 6).
2. No spill containment kits were available at the fueling station (see Appendix F, Photograph 7).

Site Visit: Walgreens – 918 East Foothill Boulevard, Rialto, California, 92376

The Inspection Team visited a recently constructed Walgreens store located at 918 East Foothill Boulevard. The Walgreens was constructed with infiltration trenches around the east, south, and west perimeters of the facility, that are intended to capture and infiltrate storm water runoff from the facility's impervious surfaces.

The Inspection Team observed the following with regard to post-construction controls at the site:

1. Infiltration trenches with inlets to the storm sewer system for excess storm water were implemented at the site (see Appendix F, Photographs 8 through 12).

Site Visit: San Bernardino Site – Riverside and Larch, Rialto, California

The Inspection Team visited a construction site located adjacent to Riverside Avenue and Larch Avenue. The construction site utilized porous pavement to enhance storm water infiltration into the ground, and reduce the amount of surface runoff created from the site's impervious surfaces. City staff explained that an infiltration basin was also planned to be constructed at the site to increase infiltration.

The Inspection Team observed the following with regard to post-construction BMPs at the site:

1. Porous pavement was implemented in multiple areas (see Appendix F, Photographs 13 and 14).

Site Visit: 488 South Yucca Avenue, Rialto, California, 92376

The Inspection Team visited a vacant commercial unit located at 488 South Yucca Avenue (see Appendix F, Photograph 15). The commercial unit construction had included the implementation of a Kristar FloGard-Plus® BMP to treat the site's storm water runoff prior to discharge onto Yucca Avenue and Merrill Avenue.

The Inspection Team observed the following with regard to post-construction BMPs at the site:

1. A Kristar FloGard-Plus® pretreatment BMP was implemented at the site. Debris was observed accumulating inside the pretreatment BMP (see Appendix F, Photographs 15, 16, and 17).
2. Illicit flow from a landscape irrigation system was observed by the Inspection Team. The illicit flow had been previously identified by the City, and City staff stated that they had notified the building realtor but had not received a response at the time of the inspection (see Appendix F, Photographs 19 through 22).

Section 2.2 Program Management Assessment

The Inspection Team held discussions with City staff to understand the management of the City's MS4 Program. The City received a Notice of Violation for its storm water program from the RWQCB in September 2006 and a subsequent Administrative Civil Liability Complaint No. R8-2007-0016 in July 2007. At that time, the City was instructed to complete the following: "[p]rovide justification and documentation in response to any of the findings and violations the City disputes," and "[p]rovide a schedule and program to bring the City fully into compliance with the terms and conditions of the Permit by October 2, 2006," (See Appendix E, Exhibit 3). The RWQCB's 2006 Audit Report states that "[t]he City has not dedicated enough resources to meet even the minimum requirements of the storm water program," (See Appendix E, Exhibit 4). The RWQCB recommended an increase in new employee storm water training, the development of a city SWMP, and the inclusion of a MS4 Permit coordinator "[t]o ensure implementation of various elements of the Permit and to ensure full compliance with the Permit." The City has since hired an NPDES Contract Administrator and City Consultant to assist the City in bringing the storm water program into full compliance with the Permit. The NPDES Contract Administrator receives authority from the City Public Works Director and Deputy Director, and is responsible for implementing the City's storm water program. The NPDES Contract Administrator stated that he attends the majority of Permit subcommittee meetings on behalf of the City. The City Consultant explained that he provides reviews for WQMPs submitted to the City and coordinates directly with the NPDES Contract Administrator. The employment of the NPDES Contract Administrator and City Consultant on an as-needed basis appeared to the Inspection Team to be an effective method to implement the City's storm water program under the City's financial situation.

The NPDES Contract Administrator explained that he does not have authority to delegate tasks to City staff and therefore must communicate needed actions to the City Public Works Director and Deputy Director. The NPDES Contract Administrator stated that he is present at the City's offices on a weekly basis. The NPDES Contract Administrator additionally stated that both he and the City Deputy Public Works Director receive emails from the Principal Permittee (San Bernardino County Flood Control District) Permittee group; however, the NPDES Contract Administrator is responsible for all data submittal and interactions with the group.

City staff provided the Inspection Team with an organizational matrix of City departments and explained that the Development Services Department is responsible for private development, and the Public Works department oversees City Capital Improvement Program (CIP) projects. The NPDES Contract Administrator additionally explained that the two Public Works Supervisors and the Environmental Program Coordinator were responsible for the Public Works Corporation Yard, cleaning and maintenance on the storm drainage system, and the household hazardous waste program, respectively. City staff explained that storm water issues on private property are handled

by the Code Enforcement Department, and storm water issues related to City property are handled by the Public Works Department.

During the inspection, City staff explained to the Inspection Team that due to recent monetary issues within the City, reductions in City staff had been necessary and provided a letter indicating the potential termination of the City Inspector whose official title was Environmental Technician (See Appendix E, Exhibit 5). City staff indicated that the recent reduction of staffing has caused significant problems within the City's program management in regards to inspections and documentation. Section 2.2.3 provides an example where City staff stated that due to lack of staff the City had not formally performed construction inspections and had not documented conducted construction inspections.

Potential Violations:

2.2.1 The City was not currently using the City LIP to implement the storm water program. Part II.B.1 of the Permit requires the Co-permittees to develop and implement an LIP for its jurisdiction. In addition, it requires each Co-Permittee to adopt a Permittee-specific LIP, based on the area wide model LIP. Part II.L.2.c of the Permit requires the City to "[i]mplement and annually evaluate the MSWMP and each Permittee's LIP for effectiveness in reducing pollutants in urban storm water runoff." Part C.4 of the Permit states "[t]he LIP should document internal procedures for implementation of the program elements described in the MSWMP." The RWQCB approved the model LIP template on January 11, 2011. Part II.B.1 of the Permit further requires the Permittee-specific LIP to be approved by the City Manager prior to its implementation and updated on an as needed basis. RWQCB approval of the Permittee-specific LIP is not necessary. The Permittee-specific LIP was submitted by the Interim City Manager on July 31, 2011.

The NPDES Contract Administrator stated during the inspection and the pre-inspection call that the City had submitted the City LIP to the RWQCB and that the RWQCB had not formally approved the LIP or responded to the City's submittal. The NPDES Contract Administrator further stated that the LIP was "stagnant" at the time of the inspection.

The Permittee-specific LIP should currently be implemented by the City, annually evaluated for effectiveness, and updated as appropriate.

2.2.2 The City had not tracked, monitored, or kept training records of all personnel involved in the implementation of the City LIP. Part III.B.3.g of the Permit states that the City must "[t]rack, monitor, and keep training records of all personnel involved in implementation of its LIP." During the inspection, the Inspection Team asked the City to provide records of training for City personnel involved in the storm water program. City staff stated that training had been provided to City employees, and that the majority of training was provided by San Bernardino County; however, records of training attendance had not been maintained. The RWQCB's 2006 Audit Report states, "[a]ll new employees should be adequately trained, and the City should have a regular

training program for all existing employees," (See Appendix E, Exhibit 4). It was not evident to the Inspection Team that the City had tracked, monitored or kept records of storm water training for City employees.

2.2.3 The City had not documented storm water inspections for public and private construction projects. Part X.B.3 of the Permit states that the City shall "conduct construction site inspections for compliance with its ordinances (grading, Water Quality Management Plans, etc.) and local permits (construction, grading, etc.). The Permittees shall develop a checklist for conducting site inspections." During the inspection, City staff stated that the layoff of City employees had caused a gap in personnel to perform construction site inspections. The City Principal Civil Engineer stated that he had taken over inspections to fill the gap in personnel, and had conducted storm water inspections while onsite performing other types of inspections. The City Principal Civil Engineer also stated that he did not have a set schedule for storm water inspections and did not document the inspections he conducted.

2.2.4 The City had not secured the resources necessary to meet the Permit requirements. Part XIX of the Permit entitled "Fiscal Resources" requires each Permittee to secure the resources necessary to meet the requirements of the Permit. The City received an Administrative Civil Liability Complaint No. R8-2007-0016 for this violation in July 2007.

The City's 2011-2012 Annual Report indicates a decrease in the budget for Fiscal Year 2011-2012 compared to prior reporting year, but does not identify challenges in complying with the MS4 permit. Additionally, the Regional Board was not notified that the City was going to be in violation of the Permit due to inadequate allocation of funding.

Program Deficiencies:

2.2.5 The City had not implemented its industrial/commercial (I/C) storm water inspection program since October 2011. Part X.C.2 of the Permit states that the City shall "conduct industrial facility inspections for compliance with its ordinances, permits and this Order." Additionally, Part X.C.3 of the Permit states:

> All high priority (or high risk) industrial facilities are to be inspected at least once a year; all medium priority (or medium risk) sites are to be inspected at least once every two years; and all low priority (or low risk) sites are to be inspected at least once per permit cycle. In the event that inappropriate material or waste handling or storage practices are observed, or there is evidence of past or present unauthorized, non-storm water discharges, appropriate enforcement actions shall be taken and a re-inspection frequency adequate to bring the site into full compliance must be maintained.

Part X.D.4 of the Permit states in reference to commercial facility inspections:

> All high priority (or high risk) facilities shall be inspected at least once per year; all medium priority (or medium risk) facilities shall be inspected at least every two years; and all low priority (or low risk) facilities shall be inspected at least once per permit cycle. At a minimum, each facility shall be required to implement source control and

> pollution prevention measures consistent with the BMP Fact Sheets developed by the Permittees.

During the inspection, City staff stated that since the layoff of the City Inspector in October of 2011, the City had not conducted I/C inspections. The NPDES Contract Administrator also explained that the City was unable to find records for inspections conducted by the City Inspector prior to October 2011. The NPDES Contract Administrator stated that this was because the administrative staff member who had filed completed inspection forms for the City Inspector had also been laid off. The NPDES Contract Administrator provided one completed "City of Rialto Commercial Facility Inspection Report" form to the Inspection Team and explained that it was part of a packet of information that Tesoro Refining and Marketing Company had sent back to the City in response to a commercial facility inspection that was conducted on August 10, 2011 (See Appendix E, Exhibit 6). The NPDES Contract Administrator explained that this was the only completed inspection form City staff had been able to locate.

California Regional Water Qu

Santa Ana Regio

Linda S. Adams
Secretary for Environmental Protection

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PS Form 3800, August 2006 See Reverse for Instructions

June 22, 2010

RETUI

Mr. Robert Van Zanten
Principal Engineer
Public Works Department
City of Riverside
3900 Main Street
Riverside, CA 92501

NOTICE OF VIOLATION OF THE AREAWIDE URBAN STORM WATER RUNOFF PERMIT FOR RIVERSIDE COUNTY AND THE INCORPORATED CITIES, NPDES PERMIT NO. CAS618033, ORDER NO. R8-2010-0033 (MS4 PERMIT)

Dear Mr. Van Zanten:

On June 8, 2010, Regional Board staff conducted a focused program evaluation of the municipal corporate yard located at 8095 Lincoln Avenue, Riverside and the adjacent police, utility, and fire compound. The purpose of the inspection was to determine if the City has addressed the deficiencies and violations identified during the 2004 audit of the corporate yard. Please note that other MS4 program elements were not evaluated during this field inspection.

During the inspection, we found a few deficiencies in the City's program. It appears that the City may be in violation of Section XIV.A of the MS4 Permit by not adequately implementing measures to ensure that the City's facilities and activities do not cause or contribute to pollution or nuisance in receiving waters. Here are some of our findings:

1. There was evidence of a number of oil spill areas in the vehicle parking areas that were not cleaned up in a timely manner. The picture on the left on page 1 of the attached photographs shows spilled tack oil that was not cleaned up.

2. The storage area for the waste oil, used waste oil absorbent materials and some electronic wastes was exposed to storm water. This area is at the southeast corner of the hazmat enclosure. See picture 2 on page 1.

3. A transformer was stored next to a storm drain inlet that had no inlet protection or other BMPs for the pollutants of concern. See picture on page 2.

4. The fire training area has three inlet filters. However, as indicated on pages 3 and 4 of the pictures, these filters were not being maintained.

5. There were inlet filters for the storm drain inlets next to the Urban Rescue Squad building, as depicted on page 5 of the attached pictures. Once again, these filters were not being maintained.

6. The storm drain inserts at the end of St. Lawrence Street was not being cleaned regularly, as depicted on page 6 of the attached pictures.

7. The utility excavation waste and street sweeping debris storage areas did not have any sediment control BMPs or other control measures. See page 7 of the attached pictures.

8. There was a wattle in front of the storm drain inlet located in front of the Utility Department that was not properly sized and was not being maintained. See page 8 of the pictures. In addition, it was not known if the material inside the wattle was an adsorbent for petroleum products or gravel or sand. This BMP must be properly sized and must be capable of controlling pollutants of concern.

The above deficiencies are similar to those found during the 2004 program evaluation. Proper BMPs must be implemented to reduce the discharge of pollutants from the City's corporate yard. Unless appropriate control measures are implemented and maintained to eliminate exposure of potential pollutant sources, the City must develop a sampling and monitoring plan to collect and analyze storm water discharges from each discharge point from the corporate yard. If such a plan is developed, it should be consistent with the monitoring program and reporting requirements in Section B, starting on page 24 of the General Industrial Storm Water Permit at:
http://www.waterboards.ca.gov/water_issues/programs/stormwater/docs/induspmt.pdf

Any monitoring reports developed in response to this request should be submitted with the annual report for the MS4 Permit.

Please submit a written response to us by July 26, 2010 indicating the actions that have been, or will be taken to bring the City into full compliance with the terms and conditions of the MS4 Permit. Failure to submit the above requested information or comply with the requested actions may result in further enforcement action.

If you have any question, please contact Keith Elliott at 951-782-4925.

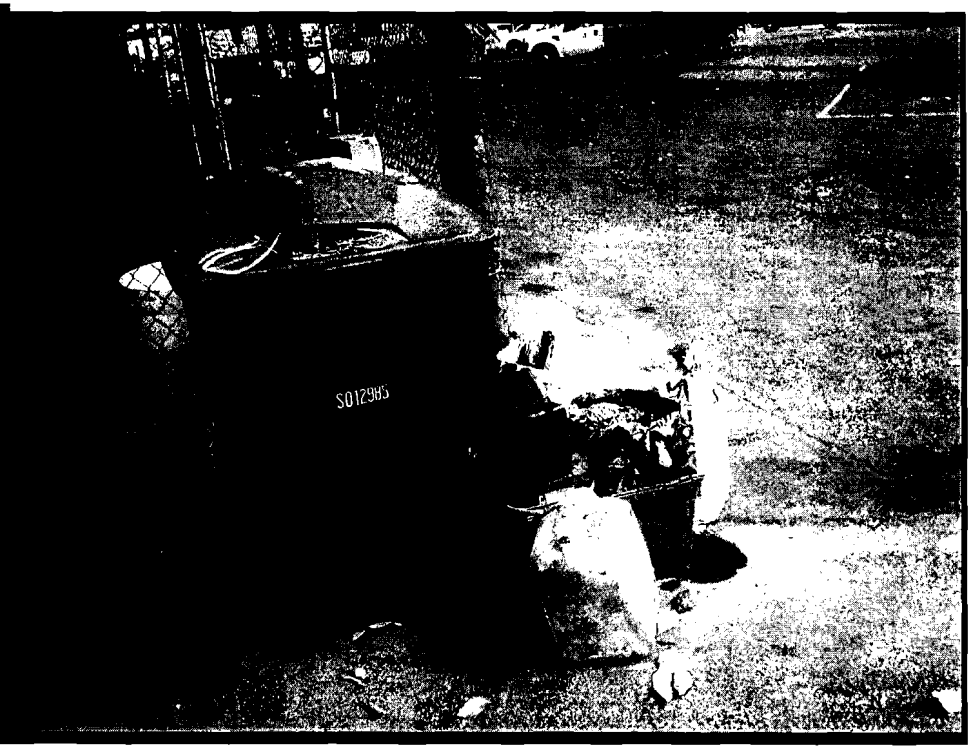
Sincerely,

Michael J. Adackapara
Division Chief

Cc: Jason Uhley, Riverside County Flood Control District, juhley@rcflood.org

City of Riverside Corporate Yard
June 8, 2010 Audit
Poor Housekeeping

Waste oil spillage not cleaned up.

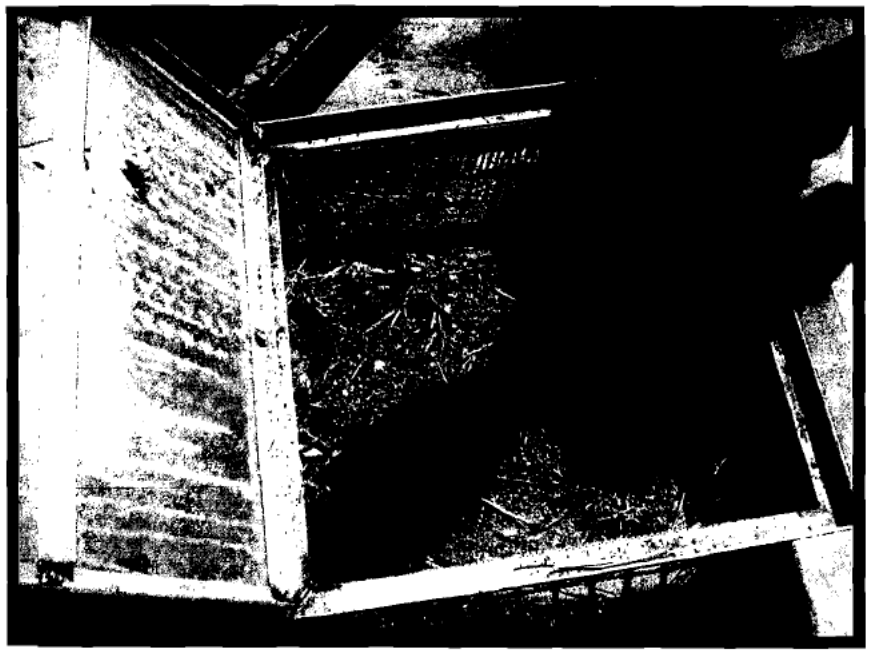


Waste oil adsorbent material and other oil wastes stored outside of covered area.

City of Riverside Corporate Yard June 8, 2010 Audit

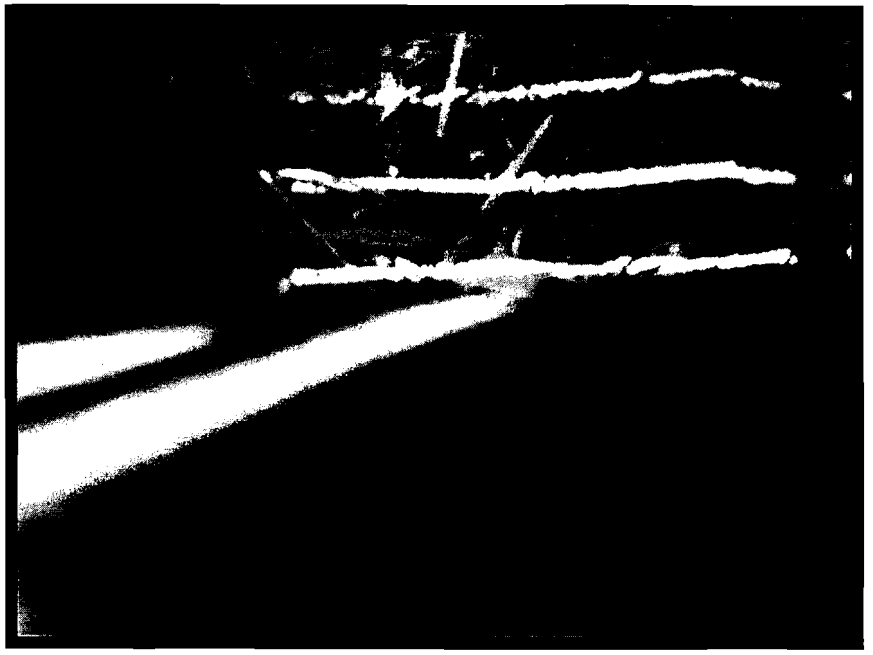
Storm Drains in Core Area of Corp. Yard have no BMPs. This photo depicts storm drain inlet in midst of transformer storage area.

City of Riverside Corporate Yard
June 8, 2010 Audit



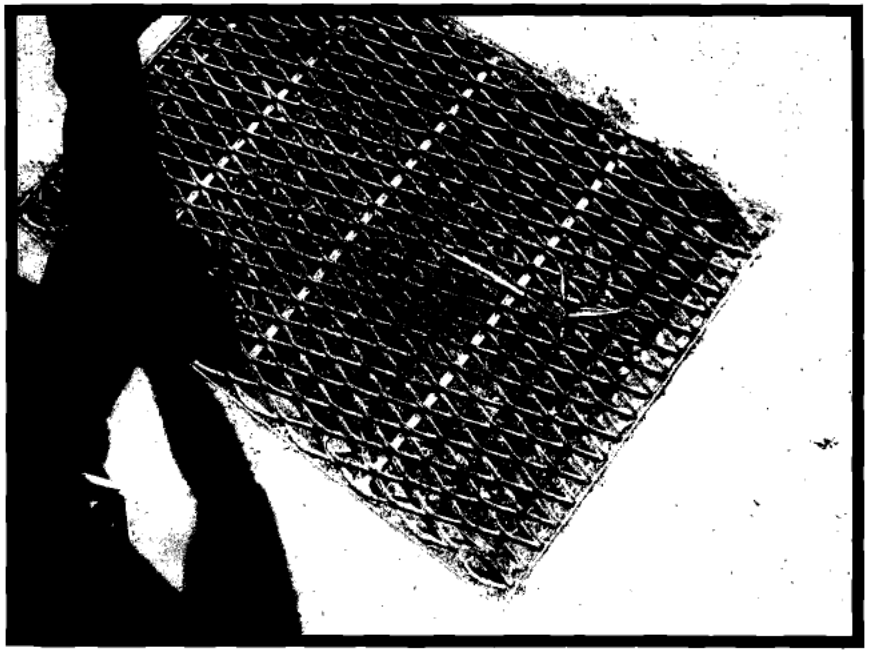
Storm Drain Inlet BMPs for Fire Department area of responsibility were present but not maintained.

City of Riverside Corporate Yard June 8, 2010 Audit



Storm Drain Inlet BMPs for Fire Department area of responsibility were present but not maintained.

City of Riverside Corporate Yard
June 8, 2010 Audit



Storm Drain Inlet BMPs for Fire Department area of responsibility were present but not maintained.

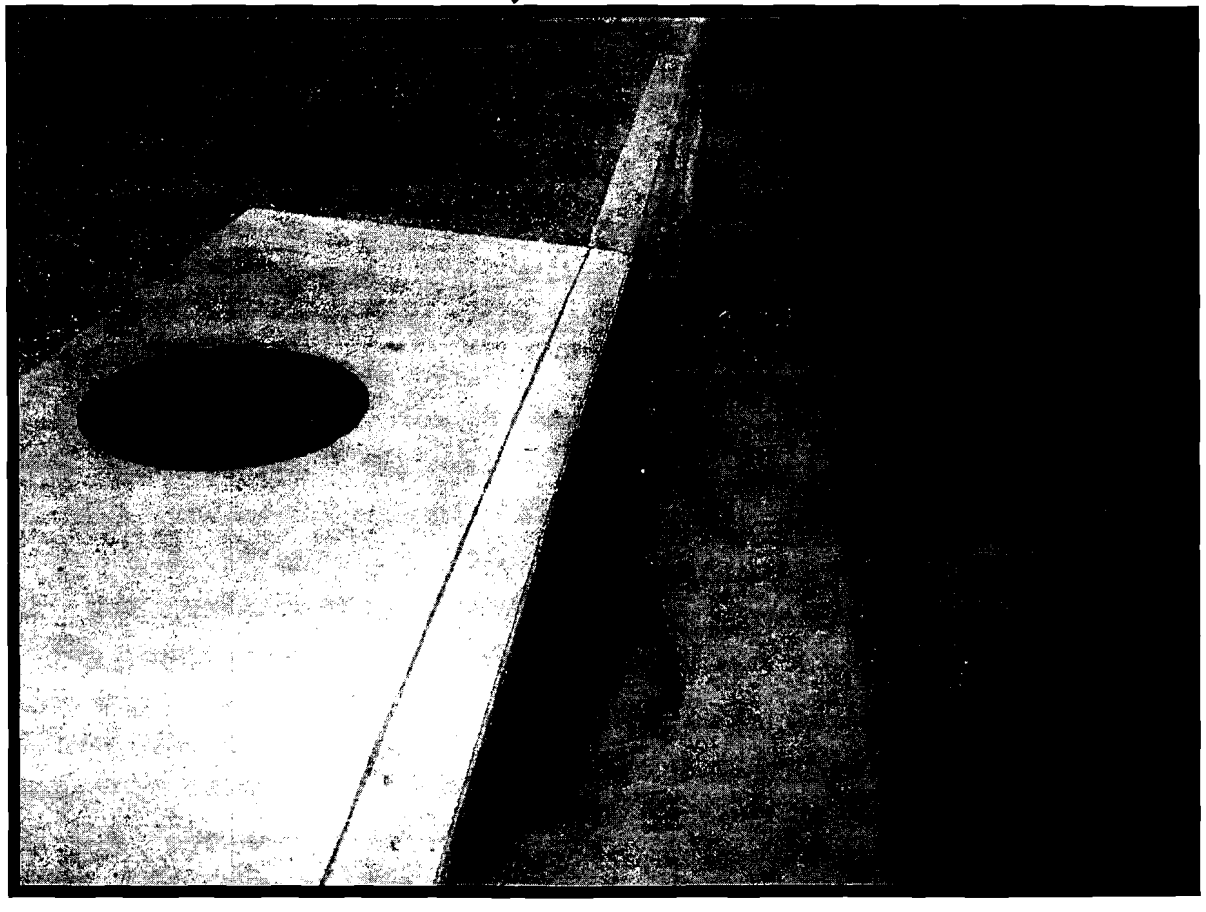
City of Riverside Corporate Yard
June 8, 2010 Audit

Storm Drain Inlets at end of St. Lawrence Street not maintained but does have an insert. Primarily a trash guard.

City of Riverside Corporate Yard June 8, 2010 Audit

No cover or sediment BMPs observed for material storage area in Utility Section of Corp. Yard.

City of Riverside Corporate Yard June 8, 2010 Audit



BMP for Utility Department Storm Drain was present but was not properly sized.