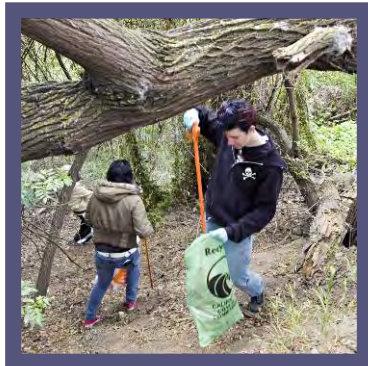


# City of San José Urban Runoff Management Plan *Annual Report 2006-2007*



**Santa Clara Valley  
Urban Runoff  
Pollution Prevention Program**



## **Cover Pictures**

### *First Row:*

- 1) The wetlands of South San Francisco Bay, with the Diablo Mountain Range to the east.

### *Second Row:*

- 1) Volunteers collecting trash from Coyote Creek behind San José High Academy.
- 2) Thompson Creek as it flows through Aborn Park.

### *Third Row*

- 1) Vegetated swale at The Ranch Golf Club in the City's Evergreen district.
- 2) Department of Transportation crew cleaning a storm drain catch basin in a neighborhood near Almaden Lake Park.
- 3) A storm drain inlet stenciled with the name of the nearest creek and the City's stormwater dumping complaint phone number.

# **City of San José**

# **Urban Runoff Management Plan**

## ***Annual Report 2006-2007***

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**September 2007**

## **Acknowledgements**

**This report was prepared by the City of San José**

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*Watershed Protection Division*

*Urban Runoff Program Section*

**In partnership with:**

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*Environmental Services Department: Water Resources*

*Department of Parks, Recreation, & Neighborhood Services*

*Department of Planning, Building & Code Enforcement*

*Department of Public Works*

*Department of Transportation*

*General Services Department*

*San José Redevelopment Agency*

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## Executive Summary

The City is required to submit to the Regional Water Quality Control Board (Water Board) an Annual Report that documents the progress of the Urban Runoff Management Plan for the previous fiscal year. The Annual Report is prepared pursuant to provision C.6 of the City's National Pollutant Discharge Elimination System (NPDES) permit for stormwater discharge through the City's storm sewer system to waters of the United States.

The Report includes sections for each of the program elements included in the Urban Runoff Management Plan as required in the permit. Each section is comprised of an update on the status of the work plan, an evaluation of various performance elements, responses to Water Board feedback received during the past year, and additional tables or information to demonstrate performance for a program element. Summaries are also provided for the array of outreach activities and municipal training sessions that are included in various program elements.



*Alum Rock Library extended detention basin,  
a stormwater treatment control measure*

Most program elements contain components carried out by more than one City department. The strategy for attaining compliance focuses on three different types of activities that the City conducts:

1. Enforcement and monitoring to detect and respond to incidents of illegal discharge to the storm sewer system;
2. Structural and business process changes to City operations and services; and
3. Education for municipal employees as well as the community at large.

The City also contributes to activities undertaken by the Santa Clara Valley Urban Runoff Pollution Prevention Program (Program) and the Bay Area Stormwater Management Agencies Association (BASMAA); however, this report includes only activities performed by the City. An overview of the year for each program element follows.

### ***Illicit Connection / Illegal Discharge Inspection (ICID)***

The City's Environmental Services Department (ESD) responds to complaints regarding illegal discharges or threats of discharge to the storm sewer system. This year, the City responded to 672 cases, which is a lower overall caseload than the average of the previous five years. The number of incidents at residential, automotive, public, and food facilities remained about the same as past years, while the number of incidents at commercial, industrial, and construction locations decreased. The drop in commercial and industrial incidents may be due to the increase in outreach and best management practice (BMP) literature distribution by environmental inspectors. The drop in construction incidents may be due to a shorter wet season and ongoing and more consistent inspections of construction sites during the wet season. Residential incidents continue to be most frequent, and the most common types of violation are vehicle-



related. Other significant types of violations include oil and grease at food facilities, tracking soil, dumping, paint, and cement. ESD responds to all complaints with education and enforcement in partnership to achieve compliance and prevent future incidents.

In an effort to reduce the amount of illegal dumping, City staff continues to conduct targeted outreach. In FY 06-07, City staff analyzed the record of calls regarding illegal dumping from the previous fiscal year, mapping calls to zip codes throughout the City. Staff then directed outreach to the Strong Neighborhoods Initiative (SNI) groups in those zip codes that exhibited a high number of residential complaints. The Strong Neighborhoods Initiative is a City initiative designed to build strong neighborhoods by developing community leadership and working collaboratively with residents to achieve the delivery of City services and neighborhood priorities. Staff conducted outreach to six neighborhoods through a combination of direct outreach at community meetings and an education article for a neighborhood newsletter. The neighborhood groups gladly accepted the information and asked insightful questions of City staff concerning illegal dumping and associated environmental issues.



*Storm drain inlet stenciled with the name of the nearest creek and the City's stormwater dumping complaint number*

In FY 07-08, the City will continue to conduct stormwater outreach, with a goal of reaching eight additional neighborhoods. In an effort to draw attention to soil tracking at construction sites, the City will also pilot highly visible signs to be fence-mounted at building sites which alert readers to report to the City any mud or dirt that they may see on the street.

### ***Industrial & Commercial Discharges (IND)***

Under this program element, ESD inspected more than 3,900 businesses in FY 06-07 to ensure that proper practices are employed to prevent stormwater pollution. How frequently a business is inspected depends on their potential for contributing pollutants as determined by previous inspection results. This method of assigning inspection frequencies has been effective in focusing inspection resources on high priority cases to best protect water quality. Sixty-eight percent of the businesses inspected are found to have no significant stormwater issues and thus do not warrant near-term re-inspection. When issues are identified, education and enforcement are used together to achieve compliance.

The total inventory of facilities in the City that are subject to inspection has more than doubled over the last five years, which has presented a significant workload challenge. The increases have appeared to stabilize, and the City has successfully integrated the increased workload over the past years by prioritizing and phasing initial inspections and resources. To maintain service levels, the City has added two inspectors to assist in meeting the forecasted workload.

FY 06-07 marked the first year for the City's new Fats, Oils, and Grease (FOG) Inspection Program, and 1,849 facilities were inspected. Though the City has conducted comprehensive restaurant inspections over the past four years as part of IND, the new FOG Program dedicates





*ESD Watershed Enforcement Inspector  
observing a grease interceptor at a San  
José mall*

specific resources and staff to inspect stormwater practices solely at food service facilities. This Program focuses particularly on integrating the sanitary sewer management plan (SSMP) requirements and enhancing the businesses' general awareness of stormwater issues related to food service facilities.

Education remains the primary tool for preventing or stopping practices that may pollute stormwater. In FY 06-07, inspectors distributed more than 10,600 Best Management Practices (BMPs) brochures, fact sheets, posters, and other materials as part of the IND program. Generally, inspectors are very proactive in discussing stormwater issues and distributing BMPs to support educational efforts. For example, some businesses that did not have any current stormwater issues were still

given BMPs by inspectors to assist the business in their efforts to keep pollution out of the storm drain system.

### ***New and Redevelopment (NRD)***

This program element is driven by the New and Redevelopment provision (also referred to as C.3) of the permit, amended in October 2001 and most recently in July 2005. This provision requires that development projects implement controls to address pollutant discharges and increased storm flows for the life of a project.

The City continues to make strides in integrating stormwater controls into development projects. Thirty-seven private development projects included in this year's report incorporated hydraulically-sized stormwater management measures. This success is the product of policy development, staff training and coordination, regional collaboration, and ongoing outreach to and collaboration with the development community.

Several policies support the advancement of stormwater management in development projects. City Policy 6-29 (entitled "Post-Construction Urban Runoff Management") was revised in August 2006 to expand implementation of stormwater treatment measures. The revisions require the implementation of post-construction BMPs and Treatment Control Measures (TCMs) and establish specific numeric sizing criteria for projects that create or replace 10,000 square feet of impervious surface. The City also updated the Parkland Dedication and Park Impact Ordinances (PDO/PIO) to create incentives for developing stormwater facilities that also serve a recreational public purpose. In addition, the City updated its Green Building Policy, requiring stronger integration of green building principles in the development of municipal buildings, including enhanced use of stormwater TCMs, appropriate site design, BMPs, and hydromodification management. Implementing stormwater treatment and hydromodification controls on smaller, infill sites in a developed urban area is much more difficult given the limited land area and the high cost of land. In addition to the project-by-project approach, the City continues to emphasize its policies that discourage sprawl and encourage increased densities. These policies have an associated water quality benefit as they reduce traffic congestion and the associated air pollution.

The City continued implementation of its expansive training program on stormwater control techniques. City staff received the information and resources needed to effectively guide and review development applications and to design public projects. Among the FY 06-07 training highlights were a two-day workshop on stormwater treatment by Dr. Gary Minton, the Program's annual training on stormwater controls, a Watershed Management Initiative Land Use Subgroup Workshop, a seminar on bioretention, a training event on pervious pavement, and a demonstration and training of the Bay Area Hydrology Model (BAHM) software. City staff were also exposed to numerous stormwater treatment products and given the opportunity to meet with vendors to ask questions and learn more about proprietary products. In addition, several trainings and presentations were given to City planners, project managers and engineers responsible for plan review of private projects and design of municipal projects.

The City continues to emphasize site design, source control, and Low Impact Development (LID) as key strategies for minimizing stormwater pollution. In addition, the City made considerable efforts to emphasize appropriate selection of landscape-based TCMs and effective operation and maintenance of BMPs.

The City conducted a pilot inspection program in FY 06-07 even though all projects constructed to-date were approved prior to numeric sizing requirements. Based on the Operation and Maintenance (O&M) Verification Program, revised in FY 05-06, City staff inspected 20 BMPs at 12 different sites utilizing the Program's standard inspection data collection form. It has been determined that as numerically-sized BMPs are installed, additional resources and coordination among departments will be necessary to ensure appropriate installation, operation, and maintenance of BMPs.



*Shared walkways like this one in Willow Glen are one of many site design low impact development (LID) techniques used in the City*

The City also continued to actively participate in efforts to develop analytical tools and conduct outreach on a regional basis. The City remained an active partner in the Program's development of various guidelines and tools to implement stormwater controls on development projects. In addition, the City contributed to the development of the BAHM software and produced the first draft of the Stormwater Control Plan Design Guidelines Manual for developers and City staff, which will be completed in FY 07-08. Additionally, City staff from key departments continues to provide information on new requirements and stormwater strategies to the public and the development community.

### ***Construction Inspection (CON)***

The City inspects activities at construction sites to prevent sediment and other pollutants from entering the storm sewer system. Inspectors from Public Works and Building review erosion and sediment controls as part of their routine inspections. Environmental Services supplements this

effort with limited inspection and broad enforcement follow-up. These departments also collaborate in providing outreach materials and training to the development community on appropriate best management practices.



*Construction materials covered and contained to prevent runoff pollution on Lundy Avenue.*

In FY 06-07, the City again focused on staff training, hosting and coordinating several training sessions for staff involved in construction inspection. The City retained a consultant that conducted two annual erosion and sediment control trainings for Building, Environmental, and Public Works construction inspectors in October 2006. The trainings were a great success and the City plans to retain the consultant again in 2007 to conduct this training. In FY 06-07, City staff also implemented a new training program to further supplement the fall annual trainings. This new program involved short, focused stormwater BMP trainings conducted during Public Works and Building inspector section meetings.

Approximately 136 Public Works and Building inspectors attended one or more of these 20 training sessions. The City plans to continue these focused trainings in FY 07-08.

Additional construction inspection training occurred in FY 06-07. In December 2006, City staff attended trainings held by the Santa Clara Valley Urban Runoff Pollution Prevention Program and the Water Board for construction inspectors and project managers. City staff held an additional training in March 2007 for Public Works capital improvement project managers. These focused trainings help project managers and teams ensure erosion and sediment control measures are included on plans and specifications. Trainings have also made inspectors more vigilant in identifying and correcting problems at construction sites.

While inspection efforts are improving, site conditions still show that continued attention is necessary to ensure stormwater issues are addressed. City staff will continue their commitment to quickly identify and correct areas of concern at construction sites, thus reducing the need for elevated enforcement response and monetary penalties.

### ***Public Streets, Roads, & Highways (PSR)***

This program element is pursuant to provision C.2.a of the permit and is one of several that address municipal activities. These program elements essentially consist of BMPs being incorporated into City operations such as street repair. Training plays a key role in ensuring that staff uses the proper techniques during the course of their duties to protect water quality. For FY 06-07, this training was completed in June 2007. Session content centered on review of the Department of Transportation's BMPs and Standard Operating Procedures (SOPs) for O&M activities. Corporation Yard Stormwater Pollution Prevention Plan training was integrated into the DOT crew training in FY 06-07. Training content is directed by which work groups are



present, and the training curriculum is revised when needed to reflect new practices. On average, 91% of the employees responded that the BMPs taught were appropriate for their work.

Training was also conducted for Rural Public Works BMPs in accordance with provision C.5, which requires that the City employ proper techniques when conducting maintenance activities in rural areas. This standard is integrated as part of the PSR program element. The City's departments of Parks, Recreation, and Neighborhood Services; General Services; and Transportation are responsible for managing rural public works maintenance and support activities.



*Bermed and covered vehicle wash pad at the Central Service Yard.*

The City conducts an extensive Street Sweeping program, involving the sweeping of the central business district; neighborhood business districts; arterials, collectors, and bicycle lanes; and residential streets. Annually, the City sends out a calendar of the residential street sweeping schedule to each single-family dwelling, and asks neighborhood associations within the City to include reminders in their association newsletters for moving parked vehicles on street sweeping days. The City is continuing to expand the areas in which parking restrictions are required and enforced to improve the effectiveness of the street sweeping program. In FY 06-07, the enforcement area was broadened from 196 to 239 curb miles. The City anticipates expanding the areas in which parking restrictions are required and enforced for street sweeping by approximately 20 curb miles in FY 07-08.

### ***Storm Drain System Operation & Maintenance (SDO)***

Storm Drain System Operation and Maintenance is another municipal activity program element implemented in accordance with provision C.2.a of the permit. This program includes key



*Department of Transportation crew cleaning a storm drain catch basin in a neighborhood near Almaden Lake Park*

maintenance activities that are conducted to ensure the proper function of the storm sewer system to collect and convey storm runoff. Maintenance staff training was conducted to coincide with that of the PSR program element and was completed in June 2007.

The Department of Transportation successfully implemented its annual storm drain inlet inspection and cleaning program, cleaning approximately 28,900 inlets. To date, the City has been able to achieve the more comprehensive Tier 2 level of inlet cleaning performance.

Evaluation of the data collected during inlet cleaning indicates that approximately six percent of the City's

storm drain inlets and catch basins had a problem associated with them. The key problems for stormwater protection were cars parked on catch basins; high debris (leaves, lawn clippings, dirt and other natural materials); excessive garbage (paper, bottles, cans, and other man-made waste); and pollution (concrete, antifreeze, oil, paint, etc. that appear to have been intentionally dumped into the inlet or catch basin). Maintenance staff is directed to contact Environmental Enforcement when pollution is identified. Using this information, the City directs resources to known problem areas.

### ***Water Utilities Operations & Maintenance (WUO&M)***

This program element addresses a municipal activity and is implemented in accordance with provision C.2.a. The program addresses O&M activities at the City's Municipal Water system. The key tools for implementing this program are the Water Utility Pollution Prevention Plan and staff training to ensure that proper techniques are employed during maintenance activities. The City's training program includes the annual development of a video demonstrating the implementation of BMPs for a specific work function. This year's water meter testing program was the focus of the annual program evaluation. The training activity reviewed the procedures for discharging during the process of testing water meters to ensure accuracy. It was determined that no changes in the current practices are needed.



*Water System Technician  
taking a sample*

### ***Pesticide Management (PM)***

This program element is required pursuant to provision C.9.d. of the permit. The purpose of the Pesticide Management program is to reduce the amount of pesticides in stormwater and landscape runoff. Activities include setting municipal policy, implementing proper techniques when selecting and applying pesticides on City property, staff training, public education, and City participation in regional efforts to influence regulations that affect pesticide management. In 2003, the Council adopted an Integrated Pest Management (IPM) Policy, which calls for municipal operations to incorporate IPM techniques and to reduce, phase-out, and ultimately eliminate the use of pesticides that cause impairment of surface waters.

The City has incorporated the use of IPM techniques for many years. Pesticide use on City property is based upon specific site needs. The decision to use a pesticide is determined by several factors such as site evaluation, accurate identification of the pest, site history, monitoring of thresholds, review of alternative means of control, and selection of the most favorable and effective pesticide. The City also seeks to reduce the need for pesticide usage through alternate actions such as mulching, weed barriers, proper irrigation, and selection of disease resistant plants. In many instances, plant diseases and pest problems are tolerated rather than employing any pesticides. When pesticide use is necessary, the City strives to use products that are less toxic and safer for employees, the public, and the environment.

In FY 06-07, the City continued data collection and tracking of pesticide applications on City property. This year's report contained more information for City applications than in past years,



*The City began installing roosting boxes to attract bats and barn owls, which prey on pests*

*photo: US Bureau of Reclamation*

as the City was able to successfully work with contractors to incorporate pesticide use data from Special Assessment Districts, City facilities, and Municipal Water Resources sites. Because FY 06-07 reporting captures a much wider picture of pesticide use in City operations than in previous reporting years, FY 06-07 total pesticide usages for City applications are not directly comparable to previous fiscal years' usage numbers. The City will continue collecting pesticide use data from all City sources into the future, which will increase the availability of accurate and comparable data.

City staff uses ongoing and new methods to resolve municipal pest problems with less toxic and non-chemical IPM techniques. Continued IPM methods include scraping and washing tussock moth cocoons from trees in Special Assessment Districts and applying mulch in landscapes citywide as a water-saving weed barrier. New pilot projects that have begun this year include mounting barn owl boxes in

City parks to encourage predation of gophers, posting bat boxes in Community Gardens to encourage bats to roost and feast on mosquitoes and other pesky insects, and using an injection herbicide as opposed to a broadcast spray herbicide on trees when severe tussock moth infestations call for

pesticide use. The City intends to continue these pilot projects in FY 07-08, as well as introducing a pilot project which will utilize grazing animals in vegetation management.

In FY 06-07, the City took a lead role in the planning process as co-host for the 3<sup>rd</sup> Annual Regional IPM Conference, which was held in November 2006 at the McEnery Convention Center in San Jose. The conference featured talented and informative speakers and attracted over 400 attendees from many diverse organizations, including industry, government, and local homeowners.

### **Mercury (M)**

This program element is implemented pursuant to provision C.9.c of the permit. The City has continued its efforts to reduce or eliminate potential mercury discharges from municipal operations. The City purchases low mercury-containing fluorescent lamps, and spent lamps are recycled properly. In FY 06-07, the City recycled more than 61,000 feet, or over 11.5 miles, of mercury-containing spent fluorescent lamps. Residential recycling of lamps is accomplished through the City's support of the Santa Clara County's Household & Small



*Mercury thermometer take-back event at the Williams Street Senior Center*



## Business Hazardous Waste program.

The City, in conjunction with the Bay Area Pollution Prevention Group (BAPPG), hosted three mercury thermometer take-back events, where City residents exchanged their mercury fever thermometers for non-mercury-containing digital fever thermometers. Over 1,100 mercury-containing thermometers were collected at three City-sponsored events, removing 2.3 pounds of mercury from the environment. More thermometer exchange events will take place in San José as well as the San José/Santa Clara Water Pollution Control Plant's Service Area in FY 07-08.

In addition, the City has operated and maintained a National Mercury Deposition Network (MDN) site from January 2000 through December 2006, collecting samples, recording data, and sending both to the national MDN laboratory. The City also continues its support of the San Francisco Bay Regional Monitoring Program, AB 982 Total Maximum Daily Load (TMDL) Public Advisory Group, WMI Guadalupe River Mercury TMDL Workgroup, and the Clean Estuary Partnership. The City continues its commitment to work with the Water Board and stakeholders toward TMDLs that are technically defensible and feasible for implementation.

## **Copper & Nickel Action Plans (CNAP)**

This program element is implemented pursuant to provisions C.9.a and C.9.b of the permit, which incorporate Action Plans for copper and nickel to be implemented based on water quality monitoring results in the South Bay. The action plans include activities for which various agencies or entities assume responsibility. Only activities undertaken at the municipal level for stormwater are included in this report. Such activities have largely been integrated into other ongoing program elements but are reported as a summary for clarity. Copper and Nickel remain among the list of pollutants addressed by general and targeted outreach regarding stormwater pollution prevention.



*Discharge from swimming pools must be discharged into the sanitary system and not into storm drains*

In the City's Industrial and Commercial Inspection program, key activities have been implemented to address copper either exclusively or among the array of potential pollutants. A fact sheet regarding rooftop sources of copper pollution was again distributed to select industrial facilities. The City also continued its "NOI Filers" project. This activity aimed to increase awareness among industrial facilities of their obligations under the State's General Industrial Activities Stormwater Permit (GIASP) by providing them with BMPs and information alerting them to the requirements. Review of this information has already been successfully incorporated into routine inspections and the City reports to the Water Board a list of facilities that have not yet filed under the GIASP.

The City provides BMP information for its residential and commercial constituents on various actions they can take to reduce or eliminate the exposure and discharge of copper from their activities. Materials are distributed via

inspection, at the City's planning and permitting offices, at outreach events, and on the City's website.

### **Trash (TRA)**

This program element is implemented pursuant to the Program's Trash Work Plan and provision C.1 of the permit. The purpose of the Trash program is to address litter and illegal dumping that threatens to pollute urban waterways. The impetus for this program was the 2001 Water Board Staff Report recommending that all urban creeks, lakes, and shorelines be placed on a monitoring list due to the threat of trash impairment to water quality. Activities associated with the Trash program since its inception in FY 02-03 include a survey of San Jose's established trash management services and programs, identification of litter hotspots, and evaluation of ways to enhance trash management practices.

The City continued to assess high priority sites based on previous years' assessment data. Assessments were performed using one of two standard protocols selected by the Program, which are also used by all co-permittees in the Santa Clara Valley. Assessments provided information regarding the type and potential sources of trash found in and around urban creeks and offered insight into the effectiveness of existing trash management practices. The trash assessments revealed that existing trash management activities are sufficient at many locations, but that enhancements are needed in others. Sites will continue to be assessed based on their priority, and the City plans on reviewing its trash problem areas to better focus assessment work in potentially high trash-generating areas.



*San José PD officer on the East bank of the Guadalupe River. Above: before and Below: after weekend encampment clean-up*

The City continues to try to maximize existing resources to address trash problem areas throughout the City. The City contributes significant resources to perform illegal encampment clean-ups one weekend per month. This informal partnership with the Santa Clara Valley Water District is a vital service, removing tons of debris from City creeks. Enforcement inspectors contact property owners to ensure clean up and/or prevent trash from re-accumulating. The City also participates in the Silicon Valley Anti-Litter Campaign, and is exploring long-term illegal encampment solutions with the County's Blue Ribbon Commission on Housing and Homeless Issues.



The City of San José and the Santa Clara Valley Water District (District) continued efforts associated with the Memorandum of Agreement for Trash Prevention and Removal (Trash MOA), which began in FY 04-05. Partnered clean-up projects on the Coyote Creek and Los

Gatos Creek were the highlight of FY 06-07 activities. The Trash MOA calls for three partnered clean-up projects each calendar year that are intended to take place at locations that fall outside the normal scope of operations of the City and District. During this reporting period, partnered clean-up projects occurred on Coyote Creek and Los Gatos Creek. An estimated total of 16 tons of debris was removed in FY 06-07, a four-fold increase from FY 05-06. Over half of the debris was removed from one site, highlighting well the value of this collaboration.

In addition, the City is investigating structural trash management controls. In FY 06-07, the City started identifying ways to enhance existing trash management practices, including the piloting of structural trash controls like catch basin inserts. A small number of catch basin inserts will be installed in FY 07-08 as part of a structural trash management pilot program.

### **Monitoring (MON)**



*Program staff monitoring Calabazas Creek*

Monitoring activities required in the stormwater permit are generally implemented at the Program level. However, the City participates directly in monitoring activities region-wide, including the San Francisco Bay Regional Monitoring Program through participation in the Sources, Pathways and Loadings Workgroup and Technical Committee, SCVURPPP Multi-year Monitoring Program, various regional and Program-focused investigations of pollutants and sources to the storm drain system, and special studies in support of TMDLs.

This year, City staff actively participated in planning and reviewing activities for the Regional Monitoring Program (RMP), serving as chair of the RMP Technical Committee and members of the Sources, Pathways and Loadings workgroup. Financial support for the RMP has continued since its inception. City staff also serve on the Guadalupe Mercury TMDL Workgroup, representing the City and the Watershed Management Initiative's Watershed Assessment and Monitoring Subgroup. The City reviewed special study reports and provided in-kind services in support of the Guadalupe Mercury TMDL.

### **Municipal Compliance (MC)**

This program element summarizes the City's efforts to train City staff on pollution prevention practices and to ensure that City facilities comply with stormwater requirements. In FY 06-07, the City held more than 96 sessions on various topics to ensure that City staff received training on procedures and issues related to stormwater programs. The City retained a consultant that conducted the annual erosion and sediment



*Public Works Landscape Architect speaking at the annual erosion and sediment control training for Capitol Improvement Project managers*



control training for Building, Environmental, and Public Works construction inspectors. The training was a great success and the City will retain the consultant to conduct this training again in 2007. Trainings continued on the implementation of the New and Redevelopment (C.3) requirements with a strong focus on hydromodification sizing measures for engineers, site visits for planners, and presentations to City staff on how to maintain permanent BMPs during and after construction.

To ensure stormwater compliance at City properties, Corporation Yards were routinely inspected for stormwater permit compliance. An annual inspection was conducted at each of the six Yards during the first quarter of 2007. Three hazardous material inspections at each of the Yards and the Municipal Garage, which include stormwater issues, were also conducted over the course of FY 06-07. The Corporation Yards' Pollution Prevention Team (P2 Team) met in FY 06-07 to review and update Yard Stormwater Pollution Prevention Plans (SWPPPs), assess the Yards for current stormwater best management practices (BMPs) in use, and assist in implementing the SWPPPs (e.g., training). SWPPP revisions for two of the Yards (Central and Municipal Garage) were drafted in FY 06-07 and are currently under review. Also, SWPPP training was conducted at all of the Yards in June 2007. On average, 90% of the employees responded that the BMPs taught were appropriate for their work. The combination of site inspections and the semi-annual meetings appears to be working well. The concerns identified in the Yards' inspection reports are usually minor and resolved swiftly.

### ***Public Information / Participation (PIP)***

This program is implemented in accordance with provision C.4 and includes general outreach, targeted outreach, educational programs, and public participation activities. The City has a robust and broad-based public information and public participation program, utilizing many different outreach methods to best deliver stormwater pollution prevention and watershed protection messages. Conducting outreach to the community and providing opportunities for



*Environmental Specialist  
educating 3<sup>rd</sup> graders at the  
Water Wizards Festival*

participation in water quality protection activities are critical to evoking the behavior changes needed to manage stormwater quality. They are also important for garnering the support needed to continue and expand services and programs.

The City participates in and supports a wide variety of stormwater outreach and education activities, including many in collaboration with other local and regional agencies. Highlights for FY 06-07 include: participation in dozens of community events; providing access and supplies for multiple creek clean-up sites; training sessions for developers on construction requirements; and launching of the San José Go Green Schools program. Outreach continues to be a vital tool for inspectors, allowing for direct education of polluters and potential polluters. Education is the first step in the City's Enforcement Response Plan. Educating the youth of San José continues to be a priority, with multiple programs targeting students, teachers, administrators, and school communities with watershed education and green practices.

The City also actively supports Program-wide outreach and education activities, including IPM outreach, Mercury outreach, and the Watershed Watch campaign. Coordinating outreach activities with the Program and Bay Area-wide efforts enables the City to deliver some of its pollution prevention messages more effectively and at reduced cost.

### ***Permit Reapplication***

The City's current NPDES permit was adopted in February 2001 for a five-year period. The permit was amended in October 2001 and July 2005, with both amendments relating to the New and Redevelopment stormwater treatment and hydromodification provision, also known as Provision C.3. The permit has been administratively extended since February 2006, pending the adoption of the Bay Area-wide Municipal Regional Permit.



*Urban Runoff staff evaluating the draft  
Municipal Regional Permit*

In late 2005, the Water Board embarked on a multi-stakeholder process to craft an NPDES permit, called the Municipal Regional Permit (MRP) that would apply to all municipal stormwater dischargers in the Bay Area. In the past, NPDES permits were issued separately to Bay Area stormwater programs with staggered adoption dates, which often resulted in uneven and inequitable requirements.

City staff has dedicated numerous hours analyzing MRP drafts, briefing stakeholders, and preparing responses to the drafts. Staff has also participated in the steering and stakeholder meetings convened by Water Board staff. City staff will continue to participate in the MRP process through the Program, BASMAA, and individually as a City. The Water Board is expected to adopt the MRP in 2008.

### ***Conclusion***

The City of San José is committed to managing and protecting stormwater quality and dedicates significant resources to a variety of activities designed to address stormwater quality issues. The City actively participates in many local and regional efforts designed to leverage the most value for its resources and citizens. The City strives to be a leader in watershed protection, and continues to meet or exceed its permit-mandated obligations. Future fiscal years will bring new challenges, but the City is actively positioning itself to best meet these challenges and maintain the high quality of service its constituents expect.



*National River Clean-up Day volunteers from San José High, who  
have cleaned their section of Coyote Creek for two years*

## **Certification Statement**

**City of San José  
FY 2006-2007 ANNUAL REPORT**

### **Certification Statement**

"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 ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted, is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

**Signature by Duly Authorized Representative:**



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MELODY TOVAR, P.E.  
Deputy Director  
Environmental Services Department  
Watershed Protection



# 1. ICID: Illicit Connection / Illegal Discharge Inspection

## 1.A ICID Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
<b>ICID 1</b>	<b>Response to Complaints</b> The City of San José will respond to complaints regarding ICID dumping activities into the storm drain system and will ensure that the activity has ceased or is an allowable discharge.			
ICID 1.A	Update database system to track ICID complaint information.	Done FY 02-03	Done FY 02-03.	ESD-WE
ICID 1.B.1	Document to RWQCB annually the number of ICID complaints that City received, & that activity has ceased or is an allowable discharge.	Annually	Done FY 06-07. See 1.D: <i>ICID Summary Tables/ Additional Information.</i>	ESD-WE
ICID 1.B.2	Prepare draft complaint activity data tables to review trends and to facilitate timely evaluation of the data.	FY 06-07, Q3	Done FY 06-07.	ESD-WE
ICID 1.C	Document to the RWQCB annually follow-up activities from each ICID complaint response. (Table 1 in the Annual Report)	Annually	Done FY 06-07. See 1.D: <i>ICID Summary Tables/ Additional Information.</i>	ESD-WE
ICID 1.D	Review effectiveness of standard operating procedures for responding to ICID complaints.	Annually	Done FY 06-07. Current procedures are working well.	ESD-WE
ICID 1.D.2	Refine and implement standard operating procedures for responding to ICID complaints/referrals.	Ongoing	Done FY 06-07. Current procedures are working well.	ESD-WE
ICID 1.E	Work with SCVURPPP to refine administrative procedure for providing referrals to the Regional Board.	03/01/05	Pending activity by Program ICID AHTG.	ESD-WE, Program
ICID 1.F	Revise standard operating procedures to incorporate results of ICID 1E.	03/01/05	Pending completion of ICID 1E.	ESD-WE, Program
<b>ICID 2</b>	<b>Investigations</b> The City of San José will conduct investigations of high priority areas. High Priority is defined as areas with a high potential for non-stormwater discharges to the City's collection system.			
ICID 2.A	Identify high priority areas, primary types & sources of ICID pollution based on complaints, historical inspection records, inspector knowledge and monitoring information.	Annually	Done FY 06-07. Priority areas based on complaints received. All complaints are investigated.	ESD-WE
ICID 2.A.1	Perform GIS analysis on frequently occurring ICID sources and/or types.	FY 03-04	Done FY 05-06. See 1.D: <i>ICID Summary Tables/ Additional Information.</i>	ESD-UR
ICID 2.A.2	Perform outreach in Zip Codes 95116 and 95123 targeting vehicle and equipment leaking and dumping and non-hazardous incidents.	FY 06-07	Done FY 06-07. See 1.B: <i>ICID Program Evaluation, Targeted Outreach.</i>	ESD-UR & WE
ICID 2.B	Conduct investigations of high priority areas based on ICID 2A.	Ongoing	Done FY 06-07. See 1.D: <i>ICID Summary Tables/ Additional Information.</i> Additionally, staff conducted	ESD-WE

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
			outreach efforts in business areas that had consistent ICID complaints.	
ICID 2.C	Document to the RWQCB that high priority areas have been conducted, per Table 2 in revised reporting format.	Annually	Done FY 06-07. See 1.D: <i>ICID Summary Tables/ Additional Information</i> .	ESD-WE
<b>ICID 3</b>	<b>Inspector Training</b> The City of San José will ensure that ICID inspectors are adequately trained in inspection procedures, documentation, and enforcement related to stormwater pollution prevention.			
ICID 3.A	Conduct annual training for ICID inspectors.	Annually	Done FY 06-07. See 13.D: <i>Municipal Employee Training Summary</i> for details.	ESD-WE
ICID 3.B	Provide and document on-the-job training and other training opportunities, such as inspection workshops.	Annually	Done FY 06-07. See 13.D: <i>Municipal Employee Training Summary</i> for details.	ESD-WE
ICID 3.C	Review inspection training protocols to identify new training opportunities, approaches, and materials.	Annually	Done FY 06-07. During annual reviews and during the budget cycle ESD annually reviews the training and material needs for each inspector and the Watershed Enforcement section as a whole.	ESD-WE
<b>ICID 4</b>	<b>Outreach and Technology Transfer</b> The City of San José will distribute outreach and technology transfer material containing applicable control measures and/or BMPs to target parties responsible for ICID activities.			
ICID 4.A	Develop and/or modify existing outreach material, as needed, based on report developed under ICID 4B	Ongoing, as needed.	Done FY 06-07. A new used motor oil recycling card was developed to show residents how to set out their oil for recycling so it won't spill into the stormdrain. This piece was developed in English, Spanish, and Vietnamese, and it will be ready for distribution in July 2007. Also, an FAQ sheet on illegal dumping, with contact information, was developed for distribution at SNI Neighborhood Association meetings. See 14.D: <i>PIP Activities</i> for details on ICID outreach.	ESD-WE/Marcom
ICID 4.B	Determine need for new outreach and technology transfer material by getting feedback from inspectors regarding 1) continuing problem activities 2) discharge types and 3) monitoring and complaint data, 4) usefulness of existing outreach and technology transfer material.	Ongoing	Done FY 06-07. Feedback from inspectors is collected during regular staff meetings. Needs are identified and responded to as priorities and budget allow.	ESD-WE and UR
ICID 4.C	Document to RWQCB that outreach technology transfer material and/ or BMPs have been distributed; tracked in Urban Runoff database.	Annually	See 14.D: <i>PIP Activities</i> Table for a count of outreach and technology transfer materials distributed as part of inspection activities.	ESD-UR
ICID 4.D	Develop and implement standard operating procedures to gather customer feedback on ICID services.	Development Done FY 02-03 Implementation Ongoing	Done FY 06-07. Customer feedback cards are routinely distributed to ICID complainants. See Section 14 A, Item PIP 2.B 1 for details.	ESD-WE

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
<b>ICID 5</b>	<b>SOPs Effectiveness Evaluation</b> The City of San José's Watershed Enforcement staff will review and evaluate the effectiveness of its SOPs in responding to complaints regarding illicit connections and illegal discharge dumping activities into the storm drain system.			
ICID 5.A	Document and evaluate effectiveness of SOPs.	Annually	Done FY 06-07 and ongoing.	ESD-WE
ICID 5.B	In Annual Report, document and evaluate what worked well and what needs improvement.	Annually	Done FY 06-07. See 1.B: <i>ICID Program Evaluation</i> .	ESD-WE

## 1.B ICID Program Evaluation

The City's Environmental Services Department (ESD) responds to complaints regarding illegal discharges or threats of discharge to the storm sewer system. The total number of incidents decreased from 792 last year to 672 this year. Figure 1 illustrates the distribution of ICID incident types for residential, commercial, industrial, automotive, food, construction, and public facilities. The number of incidents at residential, automotive, public, and food facilities remained about the same as past years, while the number of incidents at commercial, industrial, and construction locations decreased. The drop in incidents at commercial, industrial, and construction sites may be due to increased inspections and outreach to site managers. Residential incidents continue to be most frequent, and the most common types of violation are vehicle-related. Other significant types of violations include oil and grease at food facilities, tracking soil, dumping, paint, and cement.

Vehicle and equipment leaking is at 94 incidents, down from 107 reported last year, though this type of incident continues to be the leading type of incident reported in residential areas. Residential areas lead the total number of complaints at 341, or 51% of total complaints. The high number of complaints in residential areas as shown in Figure 2 may be explained by the increased residential awareness and the fact that over 34% of the City's land area is used for residential purposes versus 15% for commercial and industrial uses combined. Open space, roads, baylands and schools generally account for the remaining land area in San Jose.

Oil and grease issues continue to be the leading complaint at food facilities. To better address this issue, the City expanded the food service facility inspections to more comprehensively address Fats, Oils and Grease (FOG) in FY 06-07. The City's FOG Program is a trained inspection group that is extremely knowledgeable about Fats, Oils, and Grease and works with food service facilities to reduce the number of grease related incidents. Please see IND section for details.

The number of construction-related incidents is lower than last year, with 73 reported in FY 05-06 versus 44 this year. Construction incidents have decreased due to ongoing and more consistent inspections of construction sites by City staff during the wet season. These inspections were more detailed and better coordinated among ESD, PW, and PBCE than in past years, and the inspectors worked proactively to prevent storm water pollution at construction sites. Please see CON section for details.

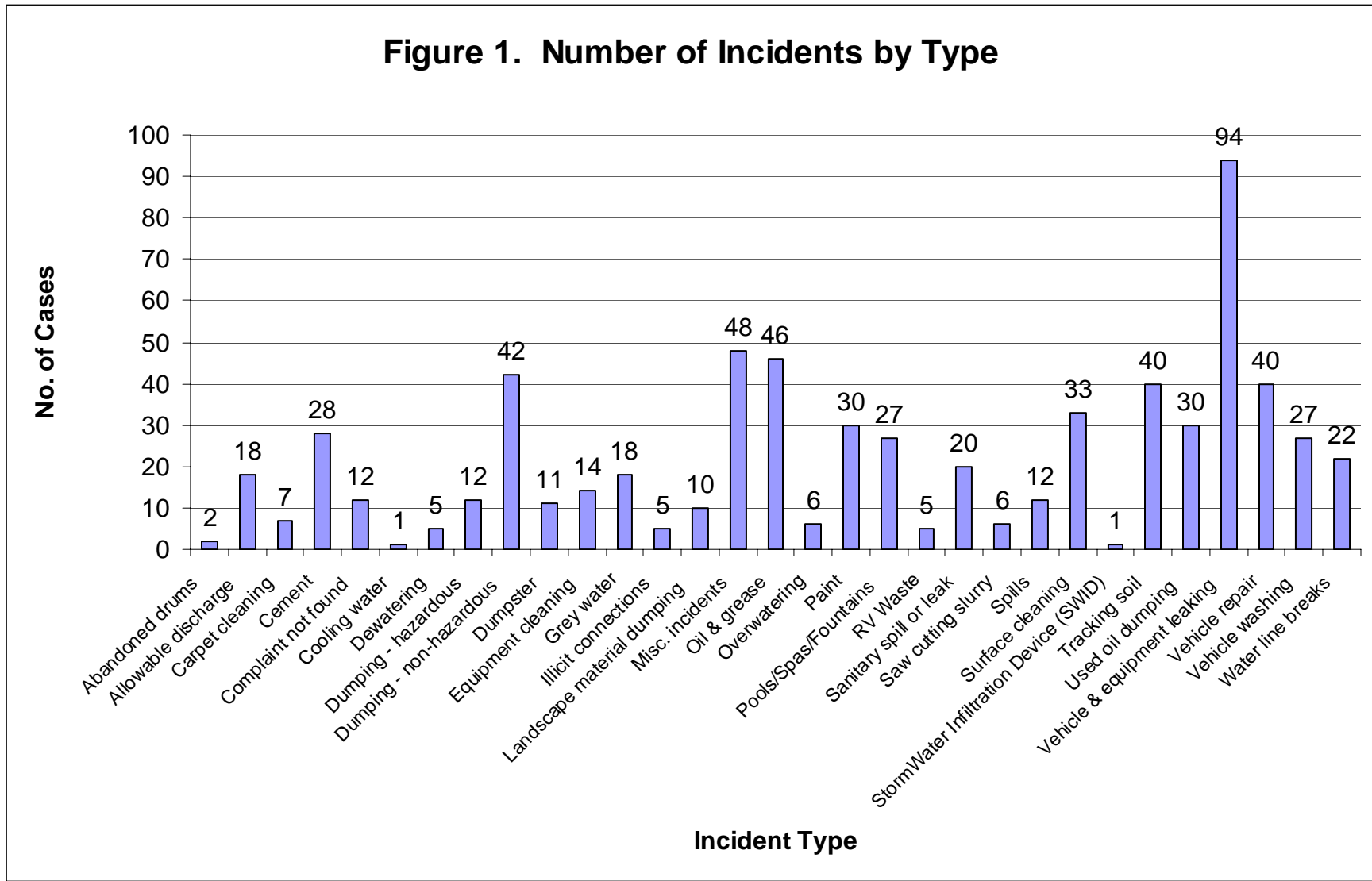
The number of commercial and industrial ICID incidents decreased from 228 and 32, respectively, in FY 05-06 to 177 and 4 in FY 06-07. This decrease in commercial and industrial incidents may be attributed to the increase in inspections, resources, and outreach to local businesses by ESD environmental inspectors, who have made special efforts to educate property owners and managers on BMPs and protection of stormwater quality. ESD staff will continue to monitor these results throughout the next few years.

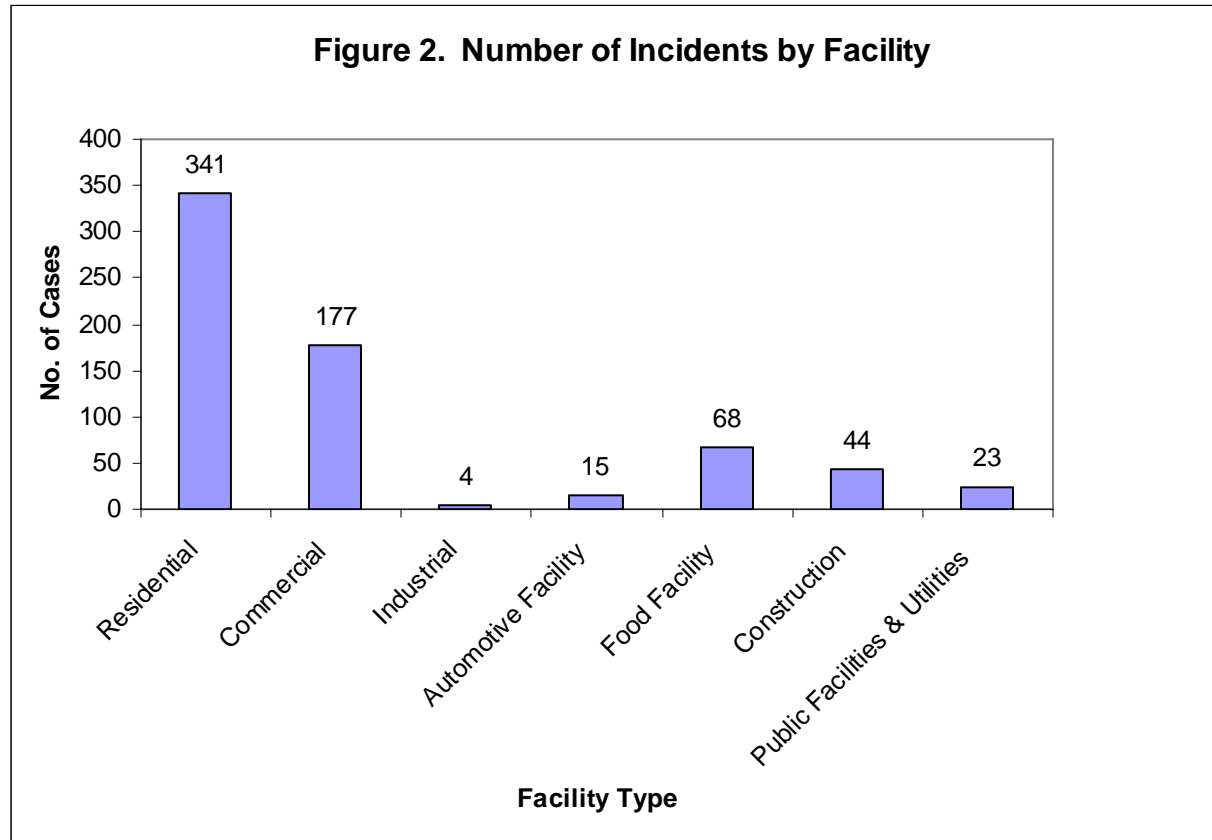
### Targeted Outreach

In an effort to reduce the amount of illegal dumping and encourage pollution-free vehicle maintenance techniques, City staff continues to conduct targeted outreach. In FY 06-07, City staff analyzed the record of calls from the previous fiscal year, mapping ICID calls to zip codes throughout the City. The City then directed outreach to Strong Neighborhood Initiative (SNI) areas that exhibited a high number of residential complaints during the previous fiscal year. The Strong Neighborhoods Initiative is a City program designed to build strong neighborhoods by developing community leadership and working collaboratively with residents to achieve the delivery of City services and neighborhood priorities. In FY 06-07, City staff conducted outreach to six neighborhoods through a combination of direct outreach at five community meetings and an ICID education article for one neighborhood newsletter. The neighborhood groups gladly accepted the distributed information and usually asked questions of the City staff concerning ICID and associated environmental issues. In FY 07-08, the City plans to conduct ICID outreach in eight additional communities.

To help reduce the ICID complaints from food facilities and construction sites, two initiatives are underway. The FOG program will continue its outreach to local food facilities, which over time should correspond with a drop in ICID complaints related to oils and grease. Additionally, in an effort to discourage the occurrence of and draw attention to potential soil tracking at construction sites, the City will pilot highly visible signs to be fence-mounted at building sites which alert readers to report to the City any mud that they may see on the street. Any trends will be monitored for continuous program improvement.

**Figure 1. Number of Incidents by Type**





### 1.C ICID Response to Water Board Comments

No comments received from Water Board on this Program Element.

1.D ICID Summary Tables / Additional Information

*Incident Types by Potential Source of Incident*

Incident Type	Residential	Commercial	Industrial	Automotive Facility	Food Facility	Construction	Public Facilities & Utilities	Totals
Abandoned Drums		2						2
Allowable discharge	5	6			1	3	3	18
Carpet cleaning	3	4						7
Cement	16	4				6	2	28
Complaint not found	6	3			1		2	12
Cooling Water		1						1
Dewatering	1	2				2		5
Dumping - hazardous	8	2		1			1	12
Dumping - non-hazardous	14	12			9	2	5	42
Dumpster	1	5			5			11
Equipment cleaning	1	7			4	2		14
Grey water	7	8			3			18
Illicit connections	2	2	1					5
Landscape material dumping	8	1				1		10
Misc. incidents	18	18			1	7	4	48
Oil & grease	5	6			34		1	46
Overwatering	4	1	1					6
Paint	22	6				1	1	30
Pools/Spas/Fountains	26	1						27
RV Waste	4	1						5
Sanitary spill or leak	11	7			2			20
Saw cutting slurry	2	3				1		6
Spills	4	6		1		1		12
Surface cleaning	6	19	1	1	6			33
Storm water infiltration device (SWID)					1			1
Tracking soil	15	6	1			17	1	40
Used oil dumping	25	2		1	1		1	30
Vehicle & equipment leaking	82	10					2	94
Vehicle repair	33	5		2				40
Vehicle washing	5	13		9				27



Incident Type	Residential	Commercial	Industrial	Automotive Facility	Food Facility	Construction	Public Facilities & Utilities	Totals
Water line breaks	7	14				1		22
<b>Totals</b>	<b>341</b>	<b>177</b>	<b>4</b>	<b>15</b>	<b>68</b>	<b>44</b>	<b>23</b>	<b>672</b>

### **Workload Summary**

Workload	06-07	05-06	04-05	03-04	02-03	Definitions
Total Cases Received	672	792	829	716	925	ICID complaints received in fiscal year. Effective FY 04-05, this category excludes complaints redirected to other agencies.
Investigations	1,024	1,359	1,359	939	1,926	Total number of inspections for cases received in fiscal year, including initial and follow up inspections.
Total Cases Investigated	711	--	--	--	--	Cases investigated and closed in fiscal year including any carry-over cases from previous years.
Total Investigations	1,097	--	--	--	--	Total number of inspections for cases investigated in fiscal year, including initial and follow up inspections.
Carry-Over Cases	0	57	53	102	87	The number of cases still open at the end of fiscal year. In FY 06-07 data was cleansed to confirm all carry-over cases and close ones that were reflected here. Some of these cases in past years were erroneously carried-over and have been properly closed.

### **Complainant Source Summary**

# Cases Received in 06-07 By Complainant Source	06-07	05-06	04-05	03-04	02-03	Definitions
ICID Inspectors	253	311	306	237	419	Any employee of the City of San José, including Environmental Services Department staff
Other Agency	39	46	33	19	29	Any government agency other than the City of San José
Citizen Complaints	362	436	434	359	476	Any person residing or working in the City of San José
Other	18	2	56	101	1	Any complainant that is not included in the above source types
Total	672	792	829	716	925	
How Complainants Heard about Program (PIP)	06-07	05-06	04-05	03-04	02-03	Definitions
City Operator/411	35	44	25	21	--	
Complainant is a City Employee	262	312	311	202	--	
Have filed complaint before	36	56	41	50	--	
N/A	172	130	197	211	--	
Other	107	171	187	169	--	
Outside Agency	37	38	25	20	--	
Preprinted Literature	2	4	--	--	--	
Storm Drain Stencil	21	37	43	43	--	
Total	672	792	829	716	--	

### **Enforcement Summary**

<b>Total Enforcement Actions Taken for ALL investigated cases*</b>	<b>06-07</b>	<b>05-06</b>	<b>04-05</b>	<b>03-04</b>	<b>02-03</b>	<b>Definitions</b>
Total BMPS	1,109	1,730	1,054	1,061	1,726	Total Number of BMPS Distributed
Verbal Notice	309	230	285	173	334	Verbal warning providing information for corrective actions
Warning Notice	297	510	357	234	375	Written letter providing information for corrective actions (In San José this is an Official Warning Notice.)
Administrative Action	0	N/A	N/A	0	0	Official letter describing requirements and consequences (a Compliance Order in San José, which is no longer used.)
Administrative Action with Penalty &/or Fine	13	24	12	6	12	Administrative actions, including fines (In San José this is an Administrative Citation.)
Criminal Action	0	0	0	0	0	Legal actions
Referral for Enforcement	0	0	0	0	0	Refer case to agency with enforcement powers
Referral for other reason	0	0	24	1	105	Refer case to internal or external agency for clean-up, information or jurisdictional reasons
<b>Cases by #Inspections*</b>	<b>06-07</b>	<b>05-06</b>	<b>04-05</b>	<b>03-04</b>		<b>Definitions</b>
One Inspection	443	405	485	530		Number of Cases requiring one total inspection to achieve compliance
Two Inspections	190	259	241	160		Number of Cases requiring two total inspections to achieve compliance
Three Inspections	55	101	62	17		Number of Cases requiring three total inspections to achieve compliance
Four Inspections	10	14	27	2		Number of Cases requiring four total inspections to achieve compliance
Five or More Inspections	13	13	14	6		Number of Cases requiring five or more total inspections to achieve compliance
Total	711	792	829	716		
<b>Cases by Highest Level of Enforcement Action*</b>	<b>06-07</b>	<b>05-06</b>	<b>04-05</b>	<b>03-04</b>		<b>Definitions</b>
No Enforcement Action	212	175	279	83		Cases with no Enforcement Action taken
BMP Distribution	58	67	93	129		Cases with BMPs Distributed as the highest Enforcement Action to achieve compliance
Verbal Notice	196	125	155	310		Cases with Verbal Notice as the highest Enforcement Action to achieve compliance
Warning Notice	234	408	290	190		Cases with Warning Notice as the highest Enforcement Action to achieve compliance
Administrative Citation	11	17	12	4		Cases with Administrative Citation as the highest Enforcement Action to achieve compliance
Criminal Action	0	0	0	0		Cases with Criminal Action as the highest Enforcement Action to achieve compliance
Total	711	792	829	716		
* Beginning in 06-07 these numbers are reflective of the total number of cases investigated and closed during the fiscal year						

## 2. IND: Industrial & Commercial Discharges

### 2.A IND Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
IND 1	<b>Notice of Intent (NOI) Filers</b> The City of San José will conduct inspections of those facilities that have filed an NOI with the State and appear on a list provided by the State.			
IND 1.A	Annually, obtain NOI filer database from State with annual information, review information and identify new NOI facilities for inspection next year.	Annually	Done FY 06-07.	ESD-WE
IND 1.B	Conduct and document initial inspections of NOI Filers within one year using the inspector checklist form to determine exposure and assign a future inspection frequency to each facility accordingly. Document whether the facility had submitted an NOI, and whether a SWPPP and a SWMP were on site.	Ongoing	Done FY 06-07 and ongoing. See 2.D: <i>IND Summary Tables/Additional Information.</i>	ESD-WE
IND 1.C	Conduct & document annual inspections of facilities determined to have exposure in accordance with inspection frequency schedule.	Ongoing	Done FY 06-07 and ongoing. See 2.D: <i>IND Summary Tables/Additional Information.</i>	ESD-WE
IND 1.D	Conduct & document inspections of facilities determined to have exposure in accordance with inspection frequency schedule.	Ongoing	Done FY 06-07 and ongoing. See 2.D: <i>IND Summary Tables/Additional Information.</i>	ESD-WE
IND 1.E	Maintain the database to track the inspection information from the inspector checklist and to include all NOI filer SIC codes required by the Industrial Activities Stormwater General Permit.	Ongoing	Done FY 06-07 and ongoing.	ESD-WE
IND 2	<b>Non-Filer Investigations</b> The City of San José will inspect industrial facilities that may be subject to general permit requirements but are not found on the NOI filer list provided by the State.			
IND 2.A	Identify industrial facilities that conduct activities with the SIC codes listed in the IND SOPs.	Annually	Done July 2006: Determined the Inspection schedule for the year based on the IND SOP.	ESD-WE
IND 2.B	Develop a list of facilities targeted for inspection during upcoming year that may be subject to general permit requirements for NOI based on business licenses, etc.	Annually	Done, July 2006: Determined the Inspection schedule for the year based on the IND SOP.	ESD-WE
IND 2.C	Conduct and document initial inspections of industrial facilities with the SIC codes listed referenced in IND 2A, using the inspector checklist form to document whether the facility "has exposure" or "no washing/no service" facility, whether the facility had submitted an NOI, and whether a SWPPP and a SWMP were on site. Maintain database.	Ongoing	Done FY 06-07 and ongoing. See 2.D: <i>IND Summary Tables/Additional Information.</i>	ESD-WE
IND 2.D	Conduct and document annual inspections of facilities	Ongoing	Done FY 06-07 and ongoing. See 2.D: <i>IND Summary</i>	ESD-WE

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
	determined to be Significant Facilities in accordance with implementation schedule. Add the facility to appropriate database(s) and assign an inspection frequency. If the facility inspected is determined to need to file an NOI and is not able to provide an NOI, SWPPP or SWMP, refer to the Water Board.		<i>Tables/Additional Information.</i>	
IND 2.E	Work with the Program's Industrial Inspection Ad Hoc TG on an Administrative procedure for providing referrals to the Regional Board and document providing referrals to the Regional Board for facilities with significant problems.	Pending Implementation by Program	Pending activity by Program IND AHTG.	ESD-WE
<b>IND 3</b>	<p><b>City Regulated Facilities</b>            The City of San José will conduct inspections of City Regulated facilities as identified below:            Food Service Facilities:                   2 or more AOCs* over a rolling three year time period - Every year              1 AOC over a rolling three year time period – Every two (2) years              0 AOCs over a rolling three year time period - Every three (3) years             All other City-regulated Facilities:                                   2 or more AOCs* over a rolling five year time period – Every year              1 AOC over a rolling five year time period – Every two (2) years              0 AOCs over a rolling five year time period but have exposure – Every five (5) years              0 AOCs over a rolling five year time period with no exposure or potential for exposure – No further inspections             Facilities for which a referral or ICID complaint is received:                   As soon as practicable for violations and every year until they meet the above criteria.</p>			
IND 3.A	Determine industrial/commercial facilities identified in the IND SOPs	Annually Q1	Done, July 2006: Determined the Inspection schedule for the year based on the IND SOP.	ESD-WE
IND 3.B	Conduct and document inspections of City Regulated facilities, other than food service facilities, at least once every five (5) years in accordance with the inspection frequency schedule. If determined to have no impact or no potential for pollution, will not be scheduled for future inspection.	Ongoing	Done FY 06-07 and ongoing. See 2.D: <i>IND Summary Tables/Additional Information.</i>	ESD-WE
IND 3.C	Conduct and document inspections of City Regulated food service facilities at least once every three (3) years. Initial approved performance standards require inspections every three years. If determined to have no impact or no potential for pollution, will not be scheduled for future inspection.	Ongoing	Done FY 06-07 and ongoing. See 2.D: <i>IND Summary Tables/Additional Information.</i>	ESD-WE
IND 3.D	Conduct and document inspections for which a referral or complaint was received within five days of complaint received and second inspection within one year.	Ongoing	Done FY 06-07 and ongoing. See 2.D: <i>IND Summary Tables/Additional Information.</i>	ESD-WE
IND 3.E	Develop a database to track the inspection information	Done FY 02-03	Done FY 02-03.	ESD-WE

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
	from the inspector facility inspection report.			
IND 3.E.1	Implement new Environmental Enforcement Data Management System.	Done FY 03-04	Done FY 03-04.	
IND 3.E.2	Prepare draft data inspection tables to review data trends and to facilitate timely evaluation of the data.	Q3, FY 06-07	Done FY 06-07	ESD-WE
IND 3.F	Maintain database to track inspection information from inspector facility inspection report and to include new industrial program categories.	Done FY 03-04	Done FY 03-04.	ESD-WE
IND 3.G	For B, C, D, and E, collect information during inspections on the potential for stormwater pollution at City Regulated facilities in order to determine the appropriate inspection frequency for the various facilities.	Ongoing	Done FY 06-07 and ongoing. Areas of Concern (AOC) determine inspection frequency. AOCs are identified during inspection.	ESD-WE
IND 3.H	Develop an inspection frequency plan to track frequency of inspections. Implement & update, as needed, the inspection frequency plan.	Done FY 01-02 Implementation Ongoing Updated as Needed	Done FY 01-02 and ongoing. Areas of Concern (AOC) determine inspection frequency. AOCs are identified during inspection.	ESD-WE
<b>IND 4</b>	<b>Compliance</b> The City of San José will conduct industrial/commercial inspections to determine the existence of discharges or threatened discharges, which are illegal under local ordinances. The facility operator will be notified of observed areas of concern to be corrected and/or if official action on violations is necessary, it will take place under local enforcement procedures.			
IND 4.A	Document facilities that have enforcement actions, and the type of enforcement actions, conducted for the existence of discharges or threatened discharges that are illegal under local ordinances.	Ongoing	Done FY 06-07 and ongoing. See 2.D: <i>IND Summary Tables/Additional Information</i> .	ESD-WE
<b>IND 5</b>	<b>Training</b> The City of San José will ensure that industrial/commercial inspectors are adequately trained in inspection procedures, documentation, and enforcement related to stormwater pollution prevention.			
IND 5.A	Conduct annual training for IND inspectors.	Annually Q1	Done FY 06-07. See 13.D: <i>Municipal Employee Training Summary</i> for details.	ESD-WE
IND 5.B	Maintain a training plan and provide and document on-the-job training and other training opportunities such as industrial/commercial inspection workshops.	Ongoing	Done FY 06-07 and ongoing. See 13.D: <i>Municipal Employee Training Summary</i> for details.	ESD-WE
IND 5.C	Review inspection training protocols to identify new training opportunities, approaches, and materials.	Ongoing	Done FY 06-07 and ongoing. See 13.D: <i>Municipal Employee Training Summary</i> for details.	ESD-WE
<b>IND 6</b>	<b>Outreach</b> The City of San José will help develop and distribute outreach and technology transfer material containing applicable control measures and/or BMPs to industrial/commercial facility operators responsible for IND activities.			
IND 6.A	Identify and list existing outreach and technology	Annually	Done FY 06-07. Outreach materials are listed in Appendix	ESD-UR

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
	transfer material.		A of the City's URMP.	
IND 6.B	Distribute applicable outreach and technology transfer material to industrial/commercial facility operators. Document to the Water Board that outreach and technology transfer material and/or BMPs have been distributed, as needed, to industrial/commercial facility operators.	Distribution Ongoing	Done FY 06-07 and ongoing. See 14.D: <i>Outreach Materials Distributed</i> for a count of outreach and technology transfer materials distributed as part of Inspection activities.	ESD-UR
IND 6.B	Determine usefulness of outreach and technology transfer materials by obtaining feedback from industrial/commercial facilities. Obtain feedback from inspectors about the effectiveness of existing outreach and technology transfer material.	As Needed	Done FY 06-07. Feedback from inspectors is collected during regular staff meetings. Needs are identified and responded to as priorities and budget allow.	ESD-UR
<b>IND 7</b>	<b>NOI Filers Effectiveness Evaluation</b> The City of San José's Watershed Enforcement staff will review and evaluate the effectiveness of its NOI Filers inspections procedures and database tracking system.			
IND 7.A	In the Annual Report document and evaluate the effectiveness of NOI Filers inspection procedures.	Annually	Done FY 06-07. NOI filers are inspected in a similar manner as all facilities. These procedures were updated to include a better mechanism for determining whether a facility needs to file for an NOI if conditional.	ESD-WE
IND 7.B	In the Annual Report document and evaluate the effectiveness of the NOI Filers database tracking system.	Annually	Done FY 06-07. The NOI filer database tracking system identifies whether facilities are conditional or not and includes a special button for indicating if there is any potential for exposure.	ESD-WE
IND 7.C	In the Annual Report document and evaluate what worked well and what needs improvement.	Annually	Done FY 06-07. See 2.D: <i>IND Summary Tables/Additional Information</i> .	ESD-WE

## 2.B IND Program Evaluation

The goal of the IND Program Element is to reduce storm drain pollution from commercial and industrial facilities through inspection. The Environmental Enforcement Section of the Watershed Protection Division is primarily responsible for inspecting almost 4,000 businesses in San José each year.

As shown in Table 2.D, FY 06-07 marked the return to a normal growth rate of City business license applications. Additionally, after extensive data review of the City's EEDMS database, the total number of facilities subject to inspection was corrected. The elimination of duplicate business licenses and closed businesses within the database brought the total facilities subject to inspection in FY 06-07 to 8,936. Even so, the total inventory of facilities in the City subject to inspection has more than doubled over the last five years, from 3,943 facilities in FY 02-03 to 8,936 facilities in FY 06-07, representing a tremendous workload challenge. The City successfully integrated the increased workload for the short term by prioritizing, phasing initial inspections, and shifting or adding resources. The number of facilities inspected in one fiscal year has increased from 2,872 in FY 03-04 to 3,930 in FY 06-07, and 4,469 facilities are slated for inspection in FY 07-08. In FY 07-08, the City will add two environmental inspector positions to assist in meeting the current workload, and future resource needs will be continually assessed.

### Food Service Facility Inspections

FY 06-07 marked the first year for the City's new Fats, Oils, and Grease (FOG) Inspection Program, in which 1,849 facilities were inspected. Though the City has conducted comprehensive restaurant inspections over the past four years as part of IND, the new FOG Program dedicates specific resources and staff to inspect



stormwater practices solely at food service facilities. This Program focuses particularly on integrating the sanitary sewer management plan (SSMP) requirements and enhancing the business' general awareness of storm water issues related to food service facilities.

**BMP Distribution**

Over 10,600 Best Management Practice brochures (BMPs) were distributed in FY 06-07, an increase of 19% from FY 05-06. City Inspectors are very proactive in distributing BMPs to support educational efforts. For example, businesses that did not have any Areas of Concern (AOCs) were still given BMPs by inspectors to support the business in their efforts and to help ensure that they would be well positioned to keep their number of AOCs at zero.

**2.C IND Response to Water Board Comments**

No comments received from Water Board on this Program Element.

## 2.D IND Summary Tables / Additional Information

### *IND Summary Tables*

OVERALL FACILITY INSPECTION TOTALS	06-07	05-06	04-05	03-04	02-03	DESCRIPTION OF ITEM
Facilities Subject to Inspection in database	8,936	9,229	6,164	4,991	3,943	All facilities in the database that require inspections to meet the performance standard, whether or not they are scheduled for inspection in the current year. This includes both city-regulated and GIASP facilities. This excludes facilities that the City has determined are not subject to future inspection based on a determination that there was no exposure, incorrect SIC, etc.
Facilities Scheduled for Inspection	3,929	3,490	3,020	3,022	2,500	All facilities that were determined to need inspection by existing schedule date and imports from business license, Harris Info, and NOI filers state listing for reporting year.
Facilities Inspected	3,930	3,506	3,029	2,872	2,210	All facilities subject to inspection that were inspected. Also described as number of cases.
Other City Regulated Facilities	67	85	51	26	30	These facilities had an Illicit Connection Illegal Dumping complaint filed against them, so now are scheduled to receive an industrial/commercial inspection as per IND 3D.
Facilities Scheduled for Inspection the following fiscal year	4,469	4,000	3,237	3,144	3,132	All facilities subject to inspection for the following fiscal year.

STATUS OF GIASP IMPLEMENTATION	06-07	05-06	04-05	03-04	02-03	DESCRIPTION OF ITEM
<b>Board Referrals</b>						
New NOI Filers	14	13	4	20	9	Total industrial facilities in San José with new NOI filed according to Water Board Database as of July 2004. Prior to 02-03, data included all Active NOI filers; not just new ones.
New NOI Filers Inspected	14	7	4	17	9	Of the facilities referred to the City by the Water Board, the number inspected during the fiscal year.
<b>Inspections</b>						
Potential NOI Facilities	864	840	746	521	544	Of the facilities scheduled for inspection during the fiscal year, the number that may be subject to GIASP provisions
Have Filed	45	52	96	126	110	Of the facilities inspected, the number that have filed.
SWPPP or SWMP on-site	82	81	87	149	108	Per IND 1B and IND 2C, the number of facilities having a SWPPP or SWMP on-site
Need to File	35	59	90	26	122	Of the facilities inspected, the number determined to need to file in accordance with the GIASP. These facilities are listed in 2.D Companies Requiring NOI Based on SIC But Have Not Filed AND Companies Requiring NOI Based on Exposure But Have Not Filed.
Do Not Need to File (Conditional – No NOI required)	508	451	560	279	164	All facilities that were determined to need an inspection per the GIASP with findings of no NOI required.
Closed/Moved Facilities	276	278	248	521	447	NOI facilities no longer in operation.

### **Enforcement Actions Summary**

<b>TOTAL ENFORCEMENT ACTIONS TAKEN</b>	<b>06-07</b>	<b>05-06</b>	<b>04-05</b>	<b>03-04</b>	<b>02-03</b>	<b>DESCRIPTION OF ITEM</b>
AOcs	2,263	1,821	2,591	2,624	1,790	Area of concern with a compliance date and any enforcement action activity.
BMPs Distributed	10,655	8,912	6,890	5,796	4,267	Number of BMPs issued as part of Enforcement.
Verbal Warning	1,402	1,070	1,280	1,927	753	Verbal warning providing information for corrective actions. An inspection report accompanies each verbal warning.
Official Warning Notice	500	366	384	162	77	Written letter providing information for corrective actions.
Administrative Action with Penalty &/or Fine	9	5	15	3	3	Administrative actions, including fines (In San José this is an Administrative Citation.)
Criminal Action	0	0	0	0	0	Legal actions
Referral for Enforcement	0	0	0	0	0	Refer case to agency with enforcement powers.
Referral for other reason	0	0	0	0	4	Refer case to internal or external agency for clean-up, information or jurisdictional reasons.

<b>HIGHEST ENFORCEMENT ACTION TAKEN</b>	<b>06-07</b>	<b>05-06</b>	<b>04-05</b>	<b>03-04</b>	<b>DESCRIPTION OF ITEM</b>
No Enforcement Action	1,438	1,169	780	835	Cases with no Enforcement Action taken
BMPs Distributed	1,216	1,342	939	850	Cases with BMPs Distributed as the highest Enforcement Action to achieve compliance
Verbal Warning	858	686	1,045	1,064	Cases with Verbal Notice as the highest Enforcement Action to achieve compliance
Warning Notice	410	306	255	120	Cases with Warning Notice as the highest Enforcement Action to achieve compliance
Administrative Citation	8	3	10	3	Cases with Administrative Citation as the highest Enforcement Action to achieve compliance
Criminal Action	0	0	0	0	Cases with Criminal Action as the highest Enforcement Action to achieve compliance
<b>Total</b>	<b>3,930</b>	<b>3,506</b>	<b>3,029</b>	<b>2,872</b>	All facilities subject to inspection that were inspected. Also described as number of cases.

<b>INSPECTIONS REQ'D FOR COMPLIANCE</b>	<b>06-07</b>	<b>05-06</b>	<b>04-05</b>	<b>03-04</b>	<b>DESCRIPTION OF ITEM</b>
One Inspection	2,907	2,807	2,132	2,057	Number of Cases requiring one inspection to achieve compliance
Two Inspections	779	571	675	535	Number of Cases requiring two inspections to achieve compliance
Three Inspections	192	96	162	158	Number of Cases requiring three inspections to achieve compliance
Four Inspections	39	18	45	59	Number of Cases requiring four inspections to achieve compliance
Five Inspections or More	13	14	15	63	Number of Cases requiring five inspections or more to achieve compliance
No Inspections	0	0	0	0	Number of Cases requiring zero inspections (These are duplicates and facilities determined to be non-existent by Business List and phone calls)
<b>Total</b>	<b>3,930</b>	<b>3,506</b>	<b>3,029</b>	<b>2,872</b>	All facilities subject to inspection that were inspected. Also described as number of cases.

### **IND Facility Categories for the City of San José**

(Developed by AHTG to use for Program-wide Reporting, September 7, 2001 Memo's 17 categories + 3 City categories)

CATEGORY #	PROGRAM CATEGORY	CURRENT AHTG MUNICIPAL CATEGORY	SCHEDULED	ACTUAL
1	Automotive	Automotive sales, engine and body repair, gas stations, car washes, parking, vehicle services	459	458
2	Food Service	Eating and drinking establishments, including cafeterias, delis, bakeries, mobile food	1,788	1,788
3	Paint Facilities	Manufacturing and retailing	3	3
4	Dry Cleaners	Dry cleaners	12	12
5	Cleaning Services	Mobile washers, building cleaning, carpet cleaning	295	295
6	Pesticide Facilities	Manufacturing and retailing; pesticide applicators	9	9
7	Machine Shops	Industrial machinery and equipment	89	90
8	Metal Manufacturing	Metal fabricating, finishing, plating, metal work (40 CFR 413, 433)	61	64
9	Electric/Electrical Components	Manufacturing (40 CFR 469)	160	161
10	Construction/ Building	Retail, trade contractors, construction, landscape and garden businesses	381	384
11	Local Transit; Highway Transport	Electric, Gas and Sanitary Services, Trucking Industries	297	297
12	Recycling yards	Assembling, breaking up, sorting and wholesale distribution of scrap and waste materials. This includes auto wreckers engaged in dismantling automobiles for scrap.	26	26
13	Auto Dismantlers	Dismantling motor vehicles for the purpose of selling parts.	-	-
14	Concrete/Stone/Clay Products	Manufacturing cement, structural clay products, pottery, concrete and gypsum products, cut stone, abrasive and asbestos products, and other products from materials taken principally from the earth in the form of stone, clay and sand.	28	27
15	Corporation Yards	PG&E, CalTrans, School bus, VTA, Municipal	-	-
16	Landfills	Dumps; Garbage collecting, destroying and processing; Landfill; Rubbish collection and disposal.	4	4
17	Wood Furniture & Other Products	Manufacturing finished articles made entirely or mainly of wood or related materials.	32	32
18	Chemical Manufacturing	Manufacturing/producing basic chemicals, chemical products to be used in further manufacture (synthetic fibers, etc.) and finished chemical products to be used for ultimate consumption or as materials or supplies in other industries (such as cosmetics, soaps, fertilizers)	1	1
19	Misc. Manufacturing	Caskets, Furniture, Glass, Jewelry/Precious Metal, Manufacturing Industries-NEC, Medical, Office & Store Fixtures, Paper, Petroleum & Coal, Pharmaceuticals, Rubber & Plastics, Signs, Toys & Sports	129	129
20	Other	<b>Other includes:</b> Air Conditioning Services, Airports, Amusement Parks, Chiropractors, Commercial Areas, Florist, Hazardous Waste, Laboratories, Laundries, Medical and Dental Labs, Miscellaneous, Petroleum Pipelines, Petroleum Refining, Photographic/Printing, Property Management, Radiologists, Steam Electric Power Generation (per permit), Storage, Veterinarians, Welding/Iron Works, Welding Repair, Winery, Underground Storage Tanks, unspecified SIC Codes, and SIC Codes that were found to be misclassified upon inspection.	155	150
<b>TOTAL</b>			3,929	3,930

**Companies Requiring NOI Based on SIC But Have Not Filed**

Facility Number	SIC	Business Name	St Num	Dir	Street Name	Type	Bldg	
9021	5093	INSURANCE AUTO AUCTIONS	2233	S	7th	St		
11977	3315	SECURITY CONTRACTORS SERVICES	170	N	28th	St		
12305	3281	THE BARRAGANS	1761		Junction	Ave		
15436	5093	TOYOTA TRUCK & 4X4 DISMANTLE	991		Berryessa	Rd		
15869	3200	FIRE CLAY TILE	495	W	Julian	St		
16617	2499	COAST BUILDING PRODUCTS	1341		Oakland	Rd		
35054	2400	HANAGISHI, TED	3268		Farthing	Way		
42357	3398	NITREX INC. WEST COAST OPERATION	441		Perrymont	Ave		

**Companies Requiring NOI Based on Exposure But Have Not Filed**

Facility Number	SIC	Business Name	St Num	Dir	Street Name	Type	Bldg	
1180	3674	VLSI STANDARDS, INC.	3087	N	1st	St		
1223	3672	UNI-FLEX CIRCUITS, INC.	1782		Angela	St		
11745	4212	RODRIGUEZ TRANSPORT	15		Pala	Ave		
11777	3674	MOSEL VITELIC CORP	3910	N	1st	St		
11805	4119	NEW CENTURY TRANSPORTATION	645		Horning	St		
12320	3500	MICRO-METRIC INC	1050		Commercial	St		
12609	3540	HOLLOWAY MACHINE SHOP	1745		Angela	St		
12747	4151	FRANKLIN MCKINLEY DISTRICT CORP YARD	400		Tully	Rd		
13033	3570	OLYMPUS INTEGRATED TECH INC	180		Baytech	Dr		
14365	3600	ATMEL CORPORATION	2325		Orchard	Pkwy	Suite	A
14547	2434	A.P. NIGRO WOODWORKING	140		Lewis	Rd		
14619	4214	HUDSON BEVERAGE CO.	630		Quinn	Ave		
14896	4212	NOR CAL MOVING SERVICES	560		Trimble	Rd		
15275	4212	PINEDA TRUCKING	379		Indian Broom	Dr		
15664	3540	K&H LAB INC	2744		Aiello	Dr		
16590	4120	CALIFORNIA CAB CO	505		Asbury	St		
16875	2434	MASTER CABINET & CONSTRUCTION	752		Commercial	St		
29175	3540	JB MANUFACTURING LLC	2814		Aiello	Dr	Suite	D
29180	4212	ALL MACHINERY MOVING/RIGGING	135		Lewis	Rd	Suite	A
34717	2500	NORCAL FURNITURE MFG	490		Howard	St	Suite	A

<b>Facility Number</b>	<b>SIC</b>	<b>Business Name</b>	<b>St Num</b>	<b>Dir</b>	<b>Street Name</b>	<b>Type</b>		<b>Bldg</b>
36190	4120	YELLOW CAB CO	1880	S	7th	St	Suite	A
36317	3570	FOXXCONN-NSG TECHNOLOGY/HON HAI PRECISION CO, LTD	1705		Junction	Ct		
36342	2200	GIOVANNA CUSTOM DRAPERIES	1892		Castro	Dr		
36729	2741	CE DESIGNS	6522		Mc Abee	Rd	Suite	
38359	4212	ON TIME DELIVERY, LLC	1640		Berryessa	Rd	Suite	A1
38369	4212	DAO, LOI TIEN	3330		Lantern	Way		
38380	4212	J & S TRANSPORTATION	4249		Santa Susana	Way		

### 3. NRD: New and Redevelopment

#### 3.A NRD Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
<b>NRD 1</b>	<b>Legal Authority</b> The City of San José will have adequate legal authority to implement new development control measures, including all applicable requirements of Provision C.3, as part of its development plan review and approval procedures and other appropriate new development and redevelopment permitting procedures (Provision C.3.a.i).			
NRD 1.A	Revise Municipal Code to ensure adequate legal authority to implement new development control measures (C.3.a.i).	As Needed	The City currently has adequate legal authority to implement new development control measures.	PBCE, ESD, PW
<b>NRD 2</b>	<b>Guidance to Developers</b> The City will provide developers with information and guidance materials on site design guidelines, building permit requirements, and BMPs for stormwater pollution prevention, as appropriate for the type of project and location.			
NRD 2.A.1	Draft necessary revision(s) to Guidance Manual on Selection of Stormwater Quality Control Measures to allow incorporation of hydraulic sizing design criteria and provide to developers.	Done FY 02-03	Done FY 02-03 and ongoing. During FY 06-07, the City contracted with RBF Consulting to develop a C.3 Stormwater Control Plan Design Guidelines Manual. The intent of this manual is to provide more detailed guidance to developers, project managers, and project engineers working in San Jose's jurisdiction on the selection, design, implementation, and maintenance of stormwater treatment BMPs.  In addition, the City participated in the Program's effort to update the "Developments Protecting Water Quality - A Guidebook of Site Design Examples." The City submitted four different examples of public and private development projects that have successfully incorporated stormwater treatment design features.	PBCE, ESD, PW, RDA
NRD 2.A.2	Refine Guidance Manual on Selection of Stormwater Quality Control Measures to incorporate HMP measures, as necessary.	Done FY 05-06	Done FY 05-06.	PBCE, ESD, PW, RDA
NRD 2.B	Provide development community with revised information and guidance materials concerning any adopted on site design, building permit requirements and hydraulic sizing design criteria and maintenance requirements for BMPs for stormwater treatment measures.	Done FY 02-03	Done FY 02-03 and ongoing. In FY 06-07, revised information was provided by 1) printed status bulletin information sheets distributed by e-mail to the development community, as handouts at public information counter and at Developer's Roundtable Meetings; 2) Webpage updates; 3) inviting the development community to attend Program workshops and City sponsored Developers' Roundtable meetings. In addition, City staff coordinated with BASMAA members and the Program to develop C.3 treatment BMP sizing software.	PBCE, ESD, PW, RDA

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
NRD 2.B.1	Coordinate w/development community on proposed hydraulic sizing criteria for structural stormwater treatment measures, HMP criteria and any proposed revisions to Guidance Manual and policy through workshops and regular meetings.	Done FY 02-03	Done FY 02-03. See NRD 2.B. above.	PBCE, ESD, PW, RDA
NRD 2.B.2	Update guidance material regarding maintenance responsibilities for any HMP measures.	Done FY 05-06	Done FY 05-06.	PBCE, ESD, PW, RDA, Program
<b>NRD 3</b>	<b>CEQA Requirements</b> The City will ensure that environmental documents required for those projects that fall under CEQA and NEPA review address both significant and cumulative stormwater quality impacts during the life of the project, and relevant permit requirements. These documents include EIRs, negative declarations and initial study checklists (C.3.m).			
NRD 3.A	Review and evaluate the City's Environmental Review procedures to improve the review for water quality impacts and identification of mitigation measures. (Provision C.3.m.)	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA
NRD 3.A.1	Identify areas where new or additional water quality review processes and related documents or checklist questions are needed and propose schedule for revision.	Done FY 02-03	Done FY 02-03. See NRD 3.A.	PBCE, ESD, PW, RDA
NRD 3.A.2	Refine and update areas where new or additional water quality related mitigation measures may be needed.	Done FY 05-06	Done FY 05-06.	PBCE, ESD, PW, RDA
NRD 3.B.	Report on revisions made to environmental review process.	Done FY 02-03	Done FY 02-03. See NRD 3.A.	PBCE, ESD, PW, RDA
<b>NRD 4</b>	<b>Project Mitigation Measures and Design Requirements</b> The City will encourage developers of all projects subject to design review under its development plan review and approval procedures to consider incorporating appropriate source control and site design measure that minimize stormwater pollutant discharges to the maximum extent practicable.			
NRD 4.A	Revise current Policy on Post-Construction Urban Runoff Management as necessary to incorporate minimum BMP requirements for all projects.	Done FY 03-04	Done FY 03-04 and ongoing. In FY 06-07, Council revised Policy 6-29, entitled "Post-Construction Urban Runoff Management", to expand implementation of treatment control measures and meet all numeric sizing criteria.	PBCE, ESD, PW, RDA, CAO
NRD 4.B.	Review and modify development permit approval procedures for adopted revisions as necessary.	Done FY 03-04	Done FY 03-04.	PBCE, ESD, PW, RDA
NRD 4.C	Review the design standards and guidance for opportunities to make revisions that would result in reduced impacts to water quality and summarize how they were incorporated into approval procedures.	Done FY 03-04	Done FY 03-04.	PBCE, ESD, PW, RDA
NRD 4.D	Review the existing source control measures contained in site design standards, guidance documents and conditions of approval for opportunities to limit stormwater pollution. (Provision C.3.k.)	Done FY 03-04	Done FY 03-04 in coordination with the Program.	PBCE, ESD, PW, RDA



ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
NRD 4.E	Review General Plan and revise as necessary to incorporate water quality and watershed protection principles and policies, and summarize revisions made. (Provision C.3.l.)	Done FY 03-04 Ongoing	Done FY 03-04 and ongoing. In FY 06-07, the City began revising the 2020 General Plan. Titled "Envision San Jose 2040," the update will incorporate environmental protection and sustainability into all the elements of the General Plan.	PBCE
NRD 4.F	Review the design standards and guidance for opportunities to make revisions as necessary that would result in reduced impacts to water quality and summarize how they were incorporated into approval procedures. Such revisions are listed in Provision C.3.j.	Done FY 03-04	Done FY 03-04.	PBCE, ESD, PW, RDA
NRD 4.F.1	Identify and document existing site design standards and guidance documents and policies.	Done FY 03-04	Done FY 03-04.	PBCE, ESD, PW, RDA
NRD 4.F.2	Revise Site Design Measures and Standards, as necessary.	Done FY 03-04	Done FY 03-04 and ongoing. In FY 06-07, City staff continued to work with the engineering community and consultants to explore street widths and alternatives to curb and gutter requirements. Treatment BMPs and long-term maintenance solutions were discussed as well. Staff continued to participate in the Water Resources Protection Collaborative. The Water Resources Protection Manual was completed in FY 06-07, which includes various design guides for working in and around streams and creeks.	PBCE, ESD, PW, RDA
<b>NRD 5</b>	<p><b>Group 1, 2 and HMP Project Requirements</b></p> <p>On October 15, 2003, the City began phased implementation of hydraulically sized stormwater treatment measures in conformance with Policy 6-29 beginning with projects that create or replace one acre or more of impervious surface area and are considered Land Uses of Concern. On February 15, 2005, all projects that created or replaced one acre or more of impervious surface were required to hydraulically size stormwater treatment measures. On May 17, 2005, the threshold changed to include all projects that created or replaced 10,000 sq. ft. impervious surface and are a Land Use of Concern. Effective August 15, 2006, all projects that create or replace 10,000 sq. ft. or more of impervious surface were required to include hydraulically sized stormwater treatment measures.</p> <p>On October 18, 2005, all projects that met the criteria described in Policy 8-14 were required to manage increases in runoff flow, volume and duration. The following is a brief summary of the Best Management Practices that are required in all development projects:</p> <ul style="list-style-type: none"> <li>• Site design shall include measures to minimize impervious land coverage, maximize infiltration (where appropriate and designed to protect groundwater quality) and provide detention or retention as part of landscaping where feasible (C3.b.i and C.3.j);</li> <li>• Source controls shall be required to limit pollution generation, discharge, and runoff as appropriate (C.3.k), including measures to discourage pesticide use (C.9.d.ii);</li> <li>• Stormwater treatment measures shall be designed in accordance with the numeric design criteria in Policy 6-29 (Provision C.3.d);</li> </ul> <p>A. Increases in runoff flow, volume and duration shall be managed in accordance with Policy 8-14 (Provision C.3.f). (HMP) for the specific stream receiving the discharge, following approval of the HMP by the Water Board (C.3.f).</p>			
NRD 5.A.1	Propose revisions to current Policy 6-29 on Post-Construction Urban Runoff Management as necessary to incorporate hydraulic sizing design criteria.	Done FY 03-04	Done FY 03-04 and ongoing. In FY 06-07, Council revised Policy 6-29, entitled "Post-Construction Urban Runoff Management", to expand implementation of treatment control measures and meet hydraulic sizing criteria.	PBCE, ESD, PW, RDA, CAO

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ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
NRD 5.A.2	Revise current Policy 6-29 on Post-Construction Urban Runoff Management as necessary to incorporate hydraulic sizing design criteria.	Done FY 03-04	Done FY 03-04 and ongoing. See NRD 5.A.1	PBCE, ESD, PW, RDA, CAO
NRD 5.A.3	Revise policy as needed for Group 2 implementation	Done FY 04-05	Done FY 04-05 and ongoing. In FY 06-07, Council revised Policy 6-29 to require that all applicable projects meeting the 10,000 sq. ft. threshold implement hydraulically-sized post-construction TCMs.	PBCE, ESD, PW, RDA, CAO
NRD 5.A.4	Revise policy as needed for HMP implementation.	Done FY 05-06	Done FY 05-06.	PBCE, ESD, PW, RDA, CAO
NRD 5.B	Develop a list of Annual Reporting requirements from Provision C.3 Design data tracking needs and protocols.	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA, CAO
NRD 5.B.1	Compile a list of new development and redevelopment projects by name, type of project, site acreage or square footage, square footage of new impervious surface, treatment BMPs and numeric sizing criteria used for applicable projects. Also, list the source control and pesticide reduction measures.	Annually	Done FY 06-07. See Section 3.D: <i>Applicable Projects Reviewed and/or Approved During July 1, 2006 – June 30, 2007.</i>	PBCE, ESD, PW, RDA
NRD 5.B.2	Update existing data collection software for private projects to enable tracking of all projects with treatment or HMP measures.	FY 06-07	In progress during FY 06-07. Funding was approved and contract negotiation began with Computer Systems Design Corporation (CSDC) for updates to the Amanda database to help track implementation of stormwater control measures.	PBCE, ESD, PW, RDA
NRD 5.C	Revise and update permitted alternatives to numeric sizing through Alternative Measures Program in Policy 6-29.	Done FY 04-05	Done FY 04-05.	PBCE, ESD, PW, RDA
NRD 5.C.1	Report to City Council on Alternative Measures Program revisions in Policy 6-29. (Provision C.3.g.)	Done FY 04-05	Done FY 04-05.	PBCE, ESD, PW, RDA
NRD 5.C.2	Track name and location of projects in the Alternative Measures Program, project type and size, percent impervious surface, reason for granting waiver, terms of waiver, equivalent benefit provided, alternative treatment project or regional project receiving the benefit and date of completion of the alternative treatment project or regional project (Provision C.3.g).	Annually	None submitted in FY 06-07.	PBCE, ESD, PW, RDA
NRD 5.C.3	Report to City Council on projects approved with numeric sizing alternatives through Alternative Measures Program. (Provision C.3.g.)	Annually	N/A in FY 06-07.	PBCE, ESD, PW, RDA
NRD 5.D	Draft post-construction treatment BMP certification procedures. (Provision C.3.h)	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA

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ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
NRD 5.D.1	Track name and location of projects subject to certification (Provision C.3.h)	Annually	Done FY 06-07. See Section 3.D: <i>Applicable Projects Reviewed and/or Approved During July 1, 2006 – June 30, 2007.</i>	PBCE, ESD, PW, RDA
NRD 5.E	Participate on SCVURPPP's Hydromodification Management Plan work group and develop procedures for limiting peak stormwater runoff discharge rates from development projects. (Provision C.3.f.)	Done FY 04-05	Done FY 04-05 and ongoing. During FY 06-07, City staff participated on the Program's Hydromodification Implementation work group. Staff participated with the development and review of several work products: 1) BAHM; 2) technical comparison of the BAHM vs. HMS model; and 3) cost estimating methodology for determining the 2% cost cap criterion. In addition, Staff participated in the HMP In-Stream Work Group comprised of staff from the City, Water District, and the Program. This group has met several times to determine the feasibility of regional and in-stream implementation options for the HMP.	PBCE, ESD, PW, RDA
NRD 5.F.1	Review and modify development permit approval procedures and standard operating procedures as necessary to incorporated requirements for:			PBCE, ESD, PW, RDA
NRD 5.F.1	a. Group 1	Done FY 03-04	Done FY 03-04.	
NRD 5.F.1	b. Group 2	Done FY 04-05	Done FY 04-05.	
NRD 5.F.1	c. HMP	Done FY 05-06	Done FY 05-06.	
NRD 5.F.2	Update and refine criteria and checklist to aid Department of Planning, Building & Code Enforcement & Department of Public Works planners and engineers in determining whether a development project should be required to incorporate post-construction treatment control measures and their related operation and maintenance requirements.			PBCE, ESD, PW, RDA
NRD 5.F.2	a. Group 1	Done FY 03-04	Done FY 03-04.	
NRD 5.F.2	b. Group 2	Done FY 04-05	Done FY 04-05.	
NRD 5.F.2	c. HMP	Done FY 05-06	Done FY 05-06.	
NRD 5.F.3	Update and refine standard conditions of approval as necessary to ensure proper selection, design of and installation of structural stormwater treatment measures per Provision C.3.b., c., d., as necessary.	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA
NRD 5.F.3	a. Group 1	Done FY 03-04	Done FY 03-04.	
NRD 5.F.3	b. Group 2	Done FY 04-05	Done FY 04-05.	
NRD 5.F.3	c. HMP	Done FY 05-06	Done FY 05-06.	
NRD 5.G	Develop and propose enhanced reporting format for documenting use of pesticide reduction measures at development sites. (Provision C.3.n. & C.9.ii.)	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
NRD 5.G.1	Based on City's Pesticide Management Plan, establish criteria for tracking percentage of new development projects for which pesticide reduction measures were required and begin tracking. (Provision C.3.n. & C.9.d.ii)	Done FY 03-04	Done FY 03-04 and ongoing. See 3.D: <i>NRD Summary Tables / Additional Information.</i>	PBCE, ESD, PW, RDA
NRD 5.h	Implement any new adopted development conditions of approval, and procedures to developments with significant stormwater pollution potential. (Provision C.3.b.)	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA
<b>NRD 6</b>	<b>Developer Conformance with State Requirements</b> The City will require developers of projects that disturb a land area of one acre or more to demonstrate conformance with the State General Construction Activity Storm Water Permit including filing of NOI, development of a SWPPP, et al.			
NRD 6.A	Include as condition of approval for projects that disturb a land area of one acre or more, a requirement to demonstrate coverage under the State General Construction Activity Stormwater Permit.	Done FY 02-03	Done FY 02-03.	PBCE, PW, RDA
NRD 6.B	Track the projects that contained above condition of approval.	Done FY 02-03 See CON Program Element.	Done FY 02-03. See CON Program Element.	PBCE, PW, RDA
<b>NRD 7</b>	<b>Developer Erosion Control Plans</b> Developers of projects with potential for significant erosion and planned construction activity during the wet season are required by the City of San José to prepare and implement an effective erosion and/or sediment control plan or similar document prior to the start of the wet season.			
NRD 7.A	Include as a condition of approval for applicable projects a requirement to prepare and implement an erosion and sediment control plan.	Done FY 02-03	Done FY 02-03.	PBCE, PW, RDA
NRD 7.B	Track the projects that contained above condition of approval.	Done FY 02-03 See CON Program Element in Annual Report.	Done FY 02-03. See CON Program Element.	PBCE, PW, RDA
<b>NRD 8</b>	<b>Operation and Maintenance for Structural Stormwater Controls</b> Developers of projects that include installation of permanent structural stormwater controls are required by the City of San José to establish and provide a method for operation and maintenance of such structural controls.			
NRD 8.A	Work with SCVURPPP to develop guidance for implementing O&M Program.	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA
NRD 8.B.1.a	Draft summary of details of operation and maintenance verification program: organizational structure, evaluation, proposed improvements, inspections and follow-up, including criteria for setting priorities. (Provision C.3.e.)	Done FY 03-04	Done FY 03-04.	PBCE, ESD, PW, RDA
NRD 8.B.1.b	Conduct pilot inspection program to inspect treatment BMPs that were constructed prior to numeric sizing requirements. The intention of the pilot program is to	Done FY 05-06	Done FY 05-06 and ongoing. In FY 06-07, staff continued a pilot inspection program even though all projects constructed to-date were approved prior to numeric sizing	PBCE, ESD, PW, RDA

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	assess workload impacts, data tracking and collection methods, and funding for O&M programs and to use this information to revise the O&M program.		requirements.	
NRD.8.B.2	Revise and update draft summary of details of operation and maintenance verification program: organizational structure, evaluation, proposed improvements, inspections and follow-up, including criteria for setting priorities as necessary. (Provision C.3.e.)	Done FY 05-06	Done FY 05-06.	PBCE, ESD, PW, RDA
NRD 8.C.1	Include as a condition of approval a requirement that developers of projects that include installation of permanent structural stormwater controls are required to establish and provide proof of operation and maintenance of such structural controls.	Done FY 03-04	Done FY 03-04.	PBCE, ESD, PW, RDA
NRD 8.C.2	Revise and update condition of approval requirement that developers of projects that include installation of permanent structural stormwater controls are required to establish and provide proof of operation and maintenance of such structural controls as necessary.	Done FY 05-06 Ongoing	Done FY 05-06 and ongoing. Existing conditions of approval, policies, and ordinance requirements were reviewed and are sufficient.	PBCE, ESD, PW, RDA
NRD 8.C.3	Develop model permit conditions with BMP fact sheets to include in use permits where appropriate.	Done FY 02-03	Done FY 02-03. In coordination with the Program.	PBCE, ESD, PW, RDA
NRD 8.C.4	Compile a list of projects & responsible operators subject to C.3.e. provision.	Done FY 03-04 Annually	Done FY 03-04 and annually.	PBCE, ESD, PW, RDA
NRD 8.D	Track and compile a list of priority properties inspected and inspection results. (Provision C.3.e.iii.)	Done FY 03-04 Annually	Done FY 03-04 and annually.	PBCE, ESD, PW, RDA
NRD 8.D.1	Determine criteria for setting priorities for inspection of structural stormwater treatment measures & inspection frequency	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA
NRD 8.D.2	Update and revise criteria for setting priorities for inspection of structural stormwater treatment measures & inspection frequency as necessary.	Done FY 05-06	Done FY 05-06.	PBCE, ESD, PW, RDA
NRD 8.D.3	Develop local inspection program for verification of proper O&M.	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA
NRD 8.D.4	Update and revise local inspection program for verification of proper O&M as necessary.	Done FY 05-06	Done FY 05-06.	PBCE, ESD, PW, RDA
NRD 8.E.	Update inspection software to track and schedule inspections for the number of sites that installed treatment and/or HMP measures.	FY 06-07	In progress during FY 06-07. Staff is coordinating on this activity and has been in contact with the software consultant to update the current Environmental Enforcement Data Management System (EEDMS) software used by inspectors. No sized projects have been built, so inspections are not required yet.	ESD-WE

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
<b>NRD 9</b>	<b>Applicability to Public Projects</b> The City will ensure municipal capital improvement projects include stormwater quality control measures during and after construction, appropriate for each project, and that contractors comply with stormwater quality control requirements during construction activities and maintenance activities.			
NRD 9.A	Develop and implement a process to ensure that municipal capital improvement projects install structural stormwater quality control measures as necessary.	Done FY 02-03	Done FY 02-03 and ongoing. In FY 06-07, this process was refined to ensure that ESD Urban Runoff reviewed and provided input regarding the installation of stormwater quality control measures on municipal capital improvement projects (CIP).	PBCE, ESD, PW, RDA
NRD 9.A.1	Participate on SCVURPPP work group tasked with developing a technical guidance document for use by municipal staff to ensure that the document includes standard specifications and details, sizing methodologies, and model conditions of approval acceptable for use in City projects as necessary. (Provision C.3.b. & d.)	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA
NRD 9.A.2	Review and revise Redevelopment Agency Project Request for Proposal procedures as necessary to comply with revised Provision C.3. requirements. (Provision C.3.c.)	Done FY 03-04	Done FY 03-04.	PBCE, RDA
NRD 9.A.3	Review and Revise Public Works Capital Improvement Project approval procedures and Road Improvement Project approval procedures as necessary to comply with revised Provision C.3. requirements. (Provision C.3.c.)	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA
NRD 9.B	Review, evaluate, and modify the procedures, as necessary.	Done FY 03-04	Done FY 03-04.	PBCE, ESD, PW, RDA
NRD 9.C	Begin tracking required data on public projects subject to Provision C.3. hydraulic sizing criteria requirements for Annual Report.	Done FY 03-04 Ongoing	Done FY 03-04 and ongoing.	PBCE, PW, RDA
NRD 9.C.1	Modify the existing data collection software for public projects to track new Capitol Improvement Projects with stormwater treatment and/or HMP measures.	FY 06-07	In progress during FY 06-07. The City is implementing a stormwater data tracking feature in the data collection software used by CIP project managers.	PW
NRD 9.D	Monitor development of City's Green Building program for opportunities to discourage architectural use of copper in development projects (Prov. C.9.a.) and to incorporate urban runoff considerations.	Done FY 02-03 Ongoing	Done FY 02-03 and ongoing. ESD has a dedicated LEED accredited staff person who reviews projects and advises City staff on Green Building materials and techniques, including discouraging architectural use of copper. Council updated the Green Building Policy on March 6, 2007 to require LEED Silver on all municipal buildings over 10,000 sq. ft. with a goal of achieving Gold or Platinum.	PBCE, ESD, PW, RDA
<b>NRD 10</b>	<b>City Staff Training</b>			

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
	The City will provide training at least annually to its planning, building, and public works staff on planning procedures, policies, design guidelines, and BMPs for stormwater pollution prevention (C.3.a.vi).			
NRD 10.A	Provide training to Planning and Public Works staff on planning procedures, policies, design guidelines, and BMPs for stormwater pollution prevention. (Provision C.3.a.vi.)	Ongoing	Ongoing. In FY 06-07, City staff met regularly to share information and resources on planning procedures, policies, design guidelines, and BMPs for stormwater pollution prevention. In addition, several training events were conducted to educate staff on how to meet new requirements by implementing stormwater pollution prevention strategies. <i>See 13.D: Municipal Employee Training Summary and 3.B: NRD Program Evaluation for details.</i>	PBCE, ESD, PW, RDA
NRD 10.B	Provide training to Redevelopment Agency and Department of Transportation staff on planning procedures, policies, design guidelines, and BMPs for stormwater pollution prevention. (Provision C.3.a.vi.)	Ongoing	Ongoing. In FY 06-07, City staff met regularly to share information and resources on planning procedures, policies, design guidelines, and BMPs for stormwater pollution prevention. In addition, several training events were conducted to educate staff on how to meet new requirements by implementing stormwater pollution prevention strategies. <i>See 13.D: Municipal Employee Training Summary and 3.B: NRD Program Evaluation for details.</i>	PBCE, ESD, PW, RDA, DOT
NRD 10.C	Revise the training protocol to incorporate any newly adopted Provision C.3. Permit requirements and related revised procedures.	As Needed	As Needed. In coordination with the Program.	PBCE, ESD, PW, RDA
NRD 10.D	Train staff responsible for design review on pest-resistant landscaping techniques and model conditions of approval and the importance of minimizing pesticide use in runoff from development sites. (Provision C.3.n. and Provision C.9.d.ii)	Ongoing	Ongoing. In FY 06-07, training was provided to planning staff on pest-resistant planting techniques. <i>See 13.D: Municipal Employee Training Summary for details.</i>	PBCE, ESD, PW, RDA
<b>NRD 11</b>	<b>Development Plan Review and Approval Procedures Effectiveness Evaluation</b>			
	The City of San José will review and evaluate the effectiveness of its development plan review and approval procedures.			
NRD 11.A	Evaluate and incorporate any needed improvements in review and approval process.	Annually	Annually. <i>See 3.B: NRD Program Evaluation.</i>	PBCE, ESD, PW, RDA
NRD 11.B	Document and evaluate what worked well and what needs improvement.	Annually	Annually. <i>See 3.B: NRD Program Evaluation.</i>	PBCE, ESD, PW, RDA

### **3.B NRD Program Evaluation**

The City made considerable strides in implementing the NRD program element in FY 06-07 while experiencing more than a thirty-seven percent increase in projects implementing stormwater BMPs and TCMs. Notably, of the FY 06-07 projects reported in 3.D: NRD Summary Table/Additional Information, approximately 30% achieved a net reduction in impervious surface area. This accomplishment was achieved largely through policies and planning principles that discourage sprawl and encourage effective and efficient development/redevelopment. Additional achievements discussed below include expanded implementation of the Post-Construction Urban Runoff Management Policy 6-29, training of City staff, increased coordination with the development community, and the receipt of four site design awards for exemplary development projects.

#### **Policy**

##### *Policy 6-29 Revision*

Policy 6-29 is the City's primary policy tool for executing stormwater requirements and was updated in August of 2006. This revision includes a reduction of the threshold of impervious surface area for regulated projects from 1 acre down to 10,000 square feet and implementation of Post-Construction BMPs and TCMs with specific numeric sizing requirements. This policy revision also updated the Policy definition of "Other Unenumerated Land Uses of Concern," eliminated the Policy definitions of "Land Uses of Concern" and "Major Project," and added a Policy definition of "Applicable Project." In addition, this policy revision made a technical clarification regarding the exclusion of roof area from the project square footage calculation (when downspouts are disconnected) when determining whether numerically sized Treatment Control Measures are required.

##### *Parkland Dedication and Park Impact Ordinances Revision*

The City's Parkland Dedication and Park Impact Ordinances (PDO/PIO), originally adopted in 1998 to help meet the demand for new neighborhoods and community parkland generated by the development of new residential subdivisions, were revised in October of 2006. These ordinance revisions included a provision to allow partial PDO/PIO credits for stormwater facilities that are also designed to be of public recreational value when they are not actively being used for stormwater treatment and detention. With this change, the City is seeking to increase its inventory of neighborhood and community serving parkland, improve water quality, and prevent erosion in creeks and rivers. This new provision provides flexibility for developers and City staff to consider the implementation of stormwater facilities in dual use neighborhood and community parks when appropriate. However, maintenance funding remains a key concern as routine parks maintenance is faced with severe budget constraints.

##### *Green Building Policy Revision*

The City's Green Building Policy, originally adopted in 2001, was revised in March of 2007 and includes new provisions requiring Leadership in Energy and Environmental Design (LEED) Silver level certification on all municipal buildings over 10,000 square feet with a goal of achieving Gold or Platinum. These green building principles include enhanced use of stormwater TCMs, appropriate site design and source control BMPs, and hydromodification management. The implementation of this policy will result in more municipal facilities with stormwater treatment and flow control. This policy encourages green building in the private sector and the City is working on developing incentives.

#### **Awards**

The City received the following four awards from the Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP) in October of 2006:

- Exemplary Residential Project with Site Design Features: Willow Glen Reflections
- Exemplary Small Site Project with Site Design Features: Alum Rock Branch Library
- Exemplary Institutional Project with Site Design Features: Congregation Sinai
- Exemplary Large Site Project with Site Design Features: Tully Community Branch Library and Ball Fields



While these projects were not required to numerically size TCMs and provide 100 percent treatment, staff were successful at promoting the voluntary incorporation of stormwater treatment measures. All four projects were featured in “Development Protecting Water Quality: A Guidebook for Site Design Examples” produced by SCVURPPP.

### **Training**

The City continues its commitment to educating staff and increasing developers’ awareness of C.3 numeric sizing treatment criteria and hydromodification measures. City staff also attended numerous training events to learn new strategies in stormwater treatment and flow control.

#### *Porous Concrete, by Dr. Brian Shackel*

To increase awareness of porous concrete, the City assisted SCVURPPP in hosting a training event on September 21, 2006 at the City of San José. Dr. Brian Shackel, a professor in the School of Civil and Environmental Engineering from the University of New South Wales in Sydney, Australia, presented a lecture on porous concrete to about 60 City staff, staff from other municipalities, and consultants. The lecture covered the environmental aspects, maintenance, and design criteria of permeable pavers. Additionally, specialized software was distributed to participants to assist with treatment area calculations.

#### *BAHM Software Demonstration*

The Program coordinated a demonstration of the BAHM software on November 13, 2006. Twenty-one City staff from ESD, PW, and PBCE attended, along with 29 participants from the Santa Clara Valley Water District and private firms that specialize in the design of hydraulic control structures in the City of San José. This event demonstrated a new, user-friendly model to assist designers of HMP facilities.

#### *Watershed Management Initiative—Land Use Subgroup Workshop*

The City planned and participated in a December 6, 2006 walking tour of the Don Edwards National Wildlife Refuge in partnership with the Watershed Management Initiative Land Use Subgroup. Participants, including 24 City planners and ESD staff, learned about interactions between urban activities and natural habitats, salt marshes, freshwater discharges, and landscaping with native plants.

#### *Bioretention Design Criteria, by Larry Coffman*

Several City staff from PW, PBCE, and ESD participated in this training workshop on January 17, 2007 in Sunnyvale, CA. The training facilitated discussion on bioretention BMPs and addressed questions regarding the effectiveness and maintenance of bioretention devices.

#### *Stormwater Vendor Products*

Throughout FY 2006-2007, City staff from ESD, PBCE, PW, PRNS, and DOT were exposed to various stormwater products, including a media filter, erosion control application, and a bioretention system. Presentations generally lasted about one hour, allowing time for staff to question the vendors. City staff were exposed to vendor products at several training events as well.

#### *Stormwater Treatment: How it Works, by Dr. Gary Minton*

Five City staff from PBCE, PW, and ESD participated in this comprehensive, two-day course on May 2-3, 2007 in San Mateo. Dr. Minton provided technical guidance on the selection and design of treatment BMPs and presented data regarding the effectiveness and cost of common BMPs.

#### *SCVURPPP C.3 Workshop*

Several City staff from PBCE, PW, and ESD participated in SCVURPPP’s annual C.3 workshop, entitled “Implementing Stormwater Requirements in New and Redevelopment Projects” on June 14, 2007 in Cupertino, CA.

### **O&M Verification Program**

The City continued a pilot inspection program in FY 06-07. All projects constructed to-date were approved prior to numeric sizing requirements, and this pilot provides important experience and training for City staff. Based on the O&M Verification Program, revised in FY 05-06 (see 3.D: *NRD Tables/Additional Information*), City staff inspected 20 BMPs at 12 different sites utilizing the Program’s standard inspection data collection form. BMPs inspected include the following: vegetated swale, porous

pavement, exfiltration trench, and extended detention basin. The City recognizes that as numerically-sized BMPs are installed, additional resources and coordination among departments will be necessary to ensure appropriate installation, operation and maintenance, and overall functionality of BMPs.

**Implications of C.3 Implementation**

With a significant increase (more than thirty-seven percent) in the number of applicable projects implementing stormwater BMPs and TCMs in FY 06-07, several departments incurred notable cost increases associated with implementation. Increased staffing costs were incurred for reviewing and commenting on Stormwater Control Plans, EIRs, Initial Studies, and revising Policy 6-29. In addition, significant staff time was dedicated for both developing and participating in training opportunities. Since a large number of City staff from various departments are involved in many aspects of C.3 implementation, ongoing and increased training will be necessary to keep staff apprised of C.3 requirements.

With an increasing number of development projects regulated by C.3 in San José, staff in ESD, PW, and PBCE were challenged to ensure 100 percent compliance for every development project. One instance was identified where a project was designed to provide stormwater treatment to 96 percent of the site when it was required to provide 100 percent treatment. City staff are working with the developer and property owner to provide 100 percent treatment. As corrective action is taken, the process will be evaluated to help achieve 100 percent compliance on all future applicable projects.

Where control measures are to be publicly owned and operated, the identification of funding sources is an ongoing challenge. Funding mechanisms discussed to date prove to be quite complex and maintenance costs are expected to increase substantially as more control measures are installed within the City. The issue of City maintenance costs continues to be of high importance and staff continues to investigate funding options.

While site design and source control techniques continue to be important tools for reducing the impacts of development on stormwater, the City made important efforts to emphasize Low Impact Development (LID), appropriate selection of landscape-based TCMs, and effective operation and maintenance of BMPs. In addition, the City allocated funding in FY 06-07 for contractual support to develop a C.3 Stormwater Control Plan Design Guidelines Manual for City staff, consultants, and developers. These efforts, in concert with policies designed to discourage sprawl and reduce environmental impacts, will continue to be implemented to ensure full compliance of the Stormwater Permit and protect water quality.

**3.C NRD Response to Water Board Comments**

ITEM REFERENCE	WATER BOARD COMMENTS	SAN JOSÉ RESPONSE	CHANGES FOR FY 07-08 (IF APPLICABLE)
<p>Water Board comments on FY 05-06 Annual Report:</p>	<p>We commend all the Co-permittees on providing more detailed and comprehensive information in the reporting tables for the New and Redevelopment Section of the Annual Report. In particular, the column headings and table entries provided in the "Significant Development Projects Tables" satisfy the majority of reporting elements that are proposed for Provision C.3. of the Administrative Draft of the MRP.</p> <p>We commend those Permittees that have performed O&amp;M inspections during the reporting period, such as the cities of San José and Sunnyvale. In particular, we commend San José for conducting a pilot inspection program of stormwater treatment measures constructed prior to the current numeric sizing requirements and making appropriate changes to its O&amp;M inspection program based on these inspections. We also commend Sunnyvale for its O&amp;M inspections and particularly for the reporting of these inspections in the Annual Report. The information provided in Sunnyvale's Attachment E, Table 2, is consistent with the inspection information we are proposing (under Provision C.3.e. of the MRP) to be reported in each Permittee's Annual Report.</p> <p>We recognize that the work and leadership of the SCVURPPP Program and Permittees in implementing the O&amp;M requirements will provide a valuable resource to all the other Permittees in our Region.</p>	<p>The City thanks the Water Board for their comments.</p> <p>The City is pleased with the results of our pilot O&amp;M inspection program, which utilized the Program's inspection data collection form. The City looks forward to transitioning from the pilot program as hydraulically-sized treatment BMPs are constructed and require inspection.</p>	<p>None.</p>

### 3.D NRD Summary Tables / Additional Information

#### *Applicable Projects<sup>1</sup> Reviewed and/or Approved During July 1, 2006 – June 30, 2007*

Private Projects							
<b>PROJECT NAME:</b> Santana Row Mixed Use Mid-Rise Tower (8B) <b>PROJECT DESCRIPTION:</b> Planned Development Permit to construct 238 residential units (Building 8B) at Santana Row on a 4.10 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD05-066 (and AD07-412) (See Private Projects Map, No. 1)	<b>PROJECT LOCATION:</b> Southwest corner of Olin Avenue and Hatton Street. <b>WATERSHED:</b> San Tomas		<b>PROJECT TYPE:</b> Residential: Mixed-use.	<b>SITE SIZE (Ac):</b> 4.10	<b>NEW IMPERV. AREA (SqFt):</b> 178,378	<b>NET IMPERV. AREA (SqFt):</b> 0
<b>SITE DESIGN:</b> This eight and nine story building features four levels of parking that has one level below-grade and the rest at or above grade with retail spaces wrapped around the outside. This project incorporates motorcycle and bicycle parking areas.	<b>SOURCE CONTROL:</b> Stenciled inlets and covered trash enclosures.	<b>TREATMENT BMPs:</b> Media filtration unit.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Not required, but media filtration unit provides some HMP benefits. <b>DEEMED COMPLETE:</b> 09/19/05 <b>APPROVED:</b> 1/31/2007 (and 4/17/07)	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.		<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	
<b>PROJECT NAME:</b> The Lord's Baptist Church <b>PROJECT DESCRIPTION:</b> Planned Development Permit to construct 14 single-family detached residences and a public park on a 2.66 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD05-067 (See Private Projects Map, No. 2)	<b>PROJECT LOCATION:</b> South side of Fleming Avenue, approximately 1,032 feet southeast of Alum Rock Avenue. <b>WATERSHED:</b> Coyote		<b>PROJECT TYPE:</b> Residential: Single-family detached.	<b>SITE SIZE (Ac):</b> 2.66	<b>NEW IMPERV. AREA (SqFt):</b> 47,916	<b>NET IMPERV. AREA (SqFt):</b> 29,901

<sup>1</sup> Projects that create or replace 10,000 square feet or more of impervious surface area.

<b>Private Projects</b>							
<b>SITE DESIGN:</b> This project proposes 14 single-family detached houses on substandard size lots (minimum 3,500 square feet) for a density of 8.6 dwelling units to that acre. Density is low due to the public park where 3 existing well established trees are being preserved. This project incorporates disconnected downspouts and tree preservation.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Media filtration unit and swales.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. Media filtration unit and swales provide some HMP benefits. <b>DEEMED COMPLETE:</b> 09/21/05 <b>APPROVED:</b> 11/17/06	<b>O&amp;M RESPONSIBILITY:</b> City shall maintain treatment control measures installed in public streets. Private yard landscaping and maintenance is the responsibility of the homeowner.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		
<b>PROJECT NAME:</b> Grandview Terrace <b>PROJECT DESCRIPTION:</b> Planned Development Permit to construct 45 single-family attached residences on a 2.0 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD05-074 (See Private Projects Map, No. 3)	<b>PROJECT LOCATION:</b> Northeast corner of North Capitol Avenue and Grandview Drive. <b>WATERSHED:</b> Coyote		<b>PROJECT TYPE:</b> Residential: Single-family attached.	<b>SITE SIZE (Ac):</b> 2.00	<b>NEW IMPERV. AREA (SqFt):</b> 51,727	<b>NET IMPERV. AREA (SqFt):</b> 46,686
<b>SITE DESIGN:</b> The proposed development of 3-story townhomes are at a density of 23.1 dwelling units per acre on the Capitol Expressway Transit Corridor. Because the soil type is Silt Loam and groundwater depth ranges from 50 to 100 feet for this site, bioretention filter and vegetated swales were able to be used for water quality on approximately a third of the site with the rest of the site being filtered by a mechanical unit. This project incorporates disconnected downspouts, beneficial landscaping, interlocking unit pavers and a bicycle parking area.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Vegetated swale, bioretention, and a mechanical unit.	<b>NUMERIC CRITERIA:</b> Yes, flow and volume based. <b>HMP:</b> Encouraged, but not required. Bioretention unit and swales provide some HMP benefits. <b>DEEMED COMPLETE:</b> 10/20/05 <b>APPROVED:</b> 01/12/07	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		
<b>PROJECT NAME:</b> Messina Gardens (781 N. Capitol Avenue) <b>PROJECT DESCRIPTION:</b> Planned Development Permit to construct	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD05-075 (See Private Projects Map, No. 4)	<b>PROJECT LOCATION:</b> Southwest corner of Capitol Avenue and Mabury Road. <b>WATERSHED:</b>		<b>PROJECT TYPE:</b> Residential: Single-family attached.	<b>SITE SIZE (Ac):</b> 8.66	<b>NEW IMPERV. AREA (SqFt):</b> 377,230	<b>NET IMPERV. AREA (SqFt):</b> 354,596

<b>Private Projects</b>						
89 multi-family attached residential units.		Coyote				
<b>SITE DESIGN:</b> The first of two permits to develop land on previous private open space (Messina farmland). This permit is for 89 single-family attached residential 3-story townhomes on 8.66 of the 10.9 gross acres for a density of 10.2 DU/AC. Soil type (silt loam) and groundwater depth (50-100 feet below grade) made several landscaped-based source control and treatment measures possible in addition to a media filtration device. This project incorporates disconnected downspouts and pervious pavement.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Mechanical unit and bioretention units.	<b>NUMERIC CRITERIA:</b> Yes, flow and volume based.  <b>HMP:</b> Encouraged, but not required. Bioretention unit provides some HMP benefits.  <b>DEEMED COMPLETE:</b> 10/20/05  <b>APPROVED:</b> 07/21/06	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	
<b>PROJECT NAME:</b> 305 San Antonio Court  <b>PROJECT DESCRIPTION:</b> Planned Development Permit to construct 86 affordable multi-family attached residential units on a 2.19 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD05-078 (See Private Projects Map, No. 5)	<b>PROJECT LOCATION:</b> East side of Highway 101, at the western terminus of San Antonio Court.  <b>WATERSHED:</b> Coyote		<b>PROJECT TYPE:</b> Residential: Multi-family attached.	<b>SITE SIZE (Ac):</b> 2.19	<b>NEW IMPERV. AREA (SqFt):</b> 49,004  <b>NET IMPERV. AREA (SqFt):</b> 40,812
<b>SITE DESIGN:</b> This infill development proposes to maximize this site by providing podium parking and an onsite private park for this family friendly development. Density for this project is 39 dwelling units per acre. This project incorporates disconnected downspouts.	<b>SOURCE CONTROL:</b> Stenciled inlets and a covered trash enclosure.	<b>TREATMENT BMPs:</b> Vegetated swales.	<b>NUMERIC CRITERIA:</b> Yes, flow based.  <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits.  <b>DEEMED COMPLETE:</b> 10/24/05  <b>APPROVED:</b> 07/14/06	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C3 Handbook and the Landscape Maintenance Techniques for Pest Reduction Fact Sheet are posted on the City website.	

<b>Private Projects</b>						
<b>PROJECT NAME:</b> Oak Knoll (Nakashima Property) <b>PROJECT DESCRIPTION:</b> Planned Development Permit to allow the construction of 25 single-family detached residences on a 14.8 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD05-088 (See Private Projects Map, No. 6)	<b>PROJECT LOCATION:</b> West side of San Felipe Road approximately 300 feet southerly of Yerba Buena Road. <b>WATERSHED:</b> Coyote	<b>PROJECT TYPE:</b> Residential: Single-family detached.	<b>SITE SIZE (Ac):</b> 14.80	<b>NEW IMPERV. AREA (SqFt):</b> 127,840	
<b>SITE DESIGN:</b> Development of 2-story single-family detached houses with attached 2-car garages. The project includes a 7.5 acre riparian planting area with total onsite restoration of 1.14 acres to mitigate encroachment into the 100-foot riparian setback from Thompson Creek. This project incorporates beneficial landscaping, disconnected downspouts and tree planting.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Swales and mechanical units.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits. <b>DEEMED COMPLETE:</b> 11/21/05 <b>APPROVED:</b> 03/28/07	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C3 Handbook and the Landscape Maintenance Techniques for Pest Reduction Fact Sheet are posted on the City website.	
<b>PROJECT NAME:</b> 2135 Oakland Road <b>PROJECT DESCRIPTION:</b> Planned Development Permit to construct 53 multi-family attached residences on a 2.82 gross acres site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD05-089 (See Private Projects Map, No. 7)	<b>PROJECT LOCATION:</b> West side of Oakland Road, approximately 550 feet north of Rock Avenue. <b>WATERSHED:</b> Coyote	<b>PROJECT TYPE:</b> Residential: Single-family attached.	<b>SITE SIZE (Ac):</b> 2.82	<b>NEW IMPERV. AREA (SqFt):</b> 58,638	<b>NET IMPERV. AREA (SqFt):</b> 19,971
<b>SITE DESIGN:</b> The development of 3-story single-family attached townhomes on a formerly industrial site. The project includes a shared private drive and uses interlocking pavers for guest parking areas and 100% landscape-based treatment control measures. This project incorporates disconnected downspouts, tree planting, beneficial landscaping and interlocking unit pavers.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Vegetated swales and bioretention units.	<b>NUMERIC CRITERIA:</b> Yes, flow and volume based. <b>HMP:</b> Encouraged, but not required. Swales and bioretention units provide some HMP benefits. <b>DEEMED COMPLETE:</b> 11/28/05	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	



Private Projects							
			<b>APPROVED:</b> 08/18/06				
<b>PROJECT NAME:</b> FMC/Arcadia Parking & Office <b>PROJECT DESCRIPTION:</b> Planned Development Permit to allow the construction of commercial development and a parking garage.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-008 (See Private Projects Map, No. 8)	<b>PROJECT LOCATION:</b> Northwest corner of Coleman Avenue and Newhall Street. <b>WATERSHED:</b> Guadalupe		<b>PROJECT TYPE:</b> Commercial: Parking structure and office building	<b>SITE SIZE (Ac):</b> 20.68	<b>NEW IMPERV. AREA (SqFt):</b> 191,228	<b>NET IMPERV. AREA (SqFt):</b> -149,556
<b>SITE DESIGN:</b> Proposed 6-story parking structure with 1-story office building attached surrounded by parking lot and landscaping. The existing condition of the site was primarily paved and impervious; this project decreases impervious surface area and incorporates disconnected downspouts.	<b>SOURCE CONTROL:</b> Stenciled inlets and multi-story covered parking.	<b>TREATMENT BMPs:</b> Vegetated swales and a mechanical unit.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits. <b>DEEMED COMPLETE:</b> 01/24/06 <b>APPROVED:</b> 01/11/07	<b>O&amp;M RESPONSIBILITY:</b> Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		
<b>PROJECT NAME:</b> 1470 North 4th Street <b>PROJECT DESCRIPTION:</b> Planned Development Permit to demolish an existing building and construct 100 multi-family residences on a 0.75 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-011 (See Private Projects Map, No. 9)	<b>PROJECT LOCATION:</b> East side of North 4th Street, approximately 600 feet northerly of Gish Road. <b>WATERSHED:</b> Guadalupe		<b>PROJECT TYPE:</b> Residential: Multi-family attached (Affordable).	<b>SITE SIZE (Ac):</b> 0.75	<b>NEW IMPERV. AREA (SqFt):</b> 28,037	<b>NET IMPERV. AREA (SqFt):</b> -2,094
<b>SITE DESIGN:</b> Proposed development of a 9-story, multi-family affordable housing building with parking on the first two floors and a living greenroof. This project decreases impervious surface area and provides water retention (greenroof) and treatment via mechanical units on site. This project incorporates bicycle and motorcycle parking areas.	<b>SOURCE CONTROL:</b> Stenciled inlets and covered trash enclosures.	<b>TREATMENT BMPs:</b> Green living roof and a mechanical unit.	<b>NUMERIC CRITERIA:</b> Yes, volume and flow based. <b>HMP:</b> Encouraged, but not required. Green Roof provides some HMP benefits. <b>DEEMED COMPLETE:</b> 04/11/06	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		

<b>Private Projects</b>							
			<b>APPROVED:</b> 06/27/07				
<b>PROJECT NAME:</b> Fruitdale Residential Dwelling Units <b>PROJECT DESCRIPTION:</b> Planned Development Permit to construct 91 multi-family residential units on a 1.87 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-016 (See Private Projects Map, No. 10)	<b>PROJECT LOCATION:</b> Northeast corner of Fruitdale Avenue and Southwest Expressway. <b>WATERSHED:</b> Guadalupe		<b>PROJECT TYPE:</b> Residential: Multi-family attached.	<b>SITE SIZE (Ac):</b> 1.87	<b>NEW IMPERV. AREA (SqFt):</b> 67,931	<b>NET IMPERV. AREA (SqFt):</b> -13,526
<b>SITE DESIGN:</b> Below grade/podium parking that incorporated disconnected downspouts. In addition, this infill development is multi story family development near a light rail station with a density of 45.9 dwelling units to the acre with only 26 at-grade parking spaces. This project incorporates tree planting, beneficial landscaping, and disconnected downspouts and decreases impervious surface area below the one acre threshold in place at the time.	<b>SOURCE CONTROL:</b> Stenciled inlets and covered trash enclosures.	<b>TREATMENT BMPs:</b> N/A	<b>NUMERIC CRITERIA:</b> Not required. <b>HMP:</b> Encouraged, but not required. <b>DEEMED COMPLETE:</b> 02/09/06 <b>APPROVED:</b> 09/28/06	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.		<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	
<b>PROJECT NAME:</b> Stevens Creek European <b>PROJECT DESCRIPTION:</b> Planned Development Permit to allow incidental auto service and detail uses in a new approximately 8,000 square foot building, in addition to the existing commercial, automobile dealership, and parking uses currently permitted on a 1.46 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-023/ PD06-055 (See Private Projects Map, No. 11)	<b>PROJECT LOCATION:</b> Southwest corner of Ardis Avenue and Stevens Creek Boulevard. <b>WATERSHED:</b> San Tomas		<b>PROJECT TYPE:</b> Commercial: Retail/ auto service.	<b>SITE SIZE (Ac):</b> 1.46	<b>NEW IMPERV. AREA (SqFt):</b> 46,159	<b>NET IMPERV. AREA (SqFt):</b> 1,160

<b>Private Projects</b>							
<b>SITE DESIGN:</b> Together these permits were approved to demolish three existing single-family detached homes for the purpose of expanding an existing auto dealership and service establishment. This project incorporates tree planting and beneficial landscaping.	<b>SOURCE CONTROL:</b> Stenciled inlets and a covered trash enclosure.	<b>TREATMENT BMPs:</b> Mechanical unit.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Not required. <b>DEEMED COMPLETE:</b> 10/06/06 <b>APPROVED:</b> 01/14/07	<b>O&amp;M RESPONSIBILITY:</b> The developer/owner shall operate and maintain the storm vaults per the manufacturers operation and maintenance manual, in conformance with the San José Building Code (San José Municipal Code, Title 17, Chapter 17.04). Owner/Site Manager to keep track of maintenance and inspection schedule for swales/treatment features on the site.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		
<b>PROJECT NAME:</b> The Plaza at Messina Gardens <b>PROJECT DESCRIPTION:</b> Planned Development Permit to allow 110 single-family attached residential units in a podium building on a 2.24 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-029 (See Private Projects Map, No. 12)	<b>PROJECT LOCATION:</b> Northeast corner of Baton Rouge Drive and Cedarville Lane. <b>WATERSHED:</b> Guadalupe		<b>PROJECT TYPE:</b> Residential: Multi-family attached.	<b>SITE SIZE (Ac):</b> 2.24	<b>NEW IMPERV. AREA (SqFt):</b> 48,413	<b>NET IMPERV. AREA (SqFt):</b> 48,413
<b>SITE DESIGN:</b> Project is infill development of part of Messina farmland with 110 units at a density of 58.1 dwelling units to the acre. Units are built on parking podium. Fire access/pedestrian path uses turfblock to provide area for disconnected downspouts from part of the podium roof to infiltrate.	<b>SOURCE CONTROL:</b> Podium parking, a covered trash enclosure, and stenciled inlets.	<b>TREATMENT BMPs:</b> Mechanical unit and pervious pavers.	<b>NUMERIC CRITERIA:</b> Yes, flow and volume based. <b>HMP:</b> Encouraged, but not required. <b>DEEMED COMPLETE:</b> 05/26/06 <b>APPROVED:</b> 01/12/07	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		
<b>PROJECT NAME:</b> Coyote Creek Homes (Lucretia Avenue) <b>PROJECT DESCRIPTION:</b> Planned Development Permit to construct 23 single-family detached residences on a 1.83 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-030 (See Private Projects Map, No. 13)	<b>PROJECT LOCATION:</b> Northwest corner of Lucretia Avenue and Phelan Avenue. <b>WATERSHED:</b> Coyote		<b>PROJECT TYPE:</b> Residential: Single-family detached.	<b>SITE SIZE (Ac):</b> 1.83	<b>NEW IMPERV. AREA (SqFt):</b> 44,620	<b>NET IMPERV. AREA (SqFt):</b> 31,771

<b>Private Projects</b>							
<b>SITE DESIGN:</b> Project to demolish 5 structures and redevelop with 23 single-family detached homes. Residential density is 14.02 dwelling units per acre. Soil type (silt loam) and groundwater depth (10 to 20 feet) allow for landscape-based treatment control measures on this site. This project incorporates shared driveways and disconnected downspouts.	<b>SOURCE CONTROL:</b> Stenciled inlets and a covered trash area.	<b>TREATMENT BMPs:</b> Vegetated swales.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits. <b>DEEMED COMPLETE:</b> 06/08/06 <b>APPROVED:</b> 02/16/07	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		
<b>PROJECT NAME:</b> Hitachi Global Storage Technologies <b>PROJECT DESCRIPTION:</b> Phase 1 Improvements Master Planned Development Permit to allow the re-configuration of an existing campus industrial facility including revisions to the site circulation, and the installation of new landscaping, fencing and associated improvements on a 160.6 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-032 (PD05-087) (See Private Projects Map, No. 14)	<b>PROJECT LOCATION:</b> Area generally bounded by Cottle Road, Monterey Highway, Highway 85 and Manassas Road. <b>WATERSHED:</b> Guadalupe	<b>PROJECT TYPE:</b> Industrial.	<b>SITE SIZE (Ac):</b> 160.60	<b>NEW IMPERV. AREA (SqFt):</b> 5,614,113	<b>NET IMPERV. AREA (SqFt):</b> 6,000	
<b>SITE DESIGN:</b> Removal and replacement of existing infrastructure and landscaping represents only a 0.2% increase in impervious surface. Total impervious surface is 5,614,113 square feet or 128.9 acres to provide landscaping, circulation and infrastructure for a 332 acre site. New circulation provides clear access paths to current and planned public transportation stations and pedestrian-oriented commercial development. This project incorporates disconnected downspouts and beneficial landscaping.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Detention basin, vegetated swales, and mechanical units.	<b>NUMERIC CRITERIA:</b> Yes, flow and volume based. <b>HMP:</b> Required. 2 detention basins provide HMP benefits. <b>DEEMED COMPLETE:</b> 06/19/06 <b>APPROVED:</b> 08/21/06	<b>O&amp;M RESPONSIBILITY:</b> Public streets will be maintained by the City of San José. Private streets/drives (future phases of development) will be maintained by homeowners association in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		
<b>PROJECT NAME:</b> Evergreen Village Square <b>PROJECT DESCRIPTION:</b>	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-036	<b>PROJECT LOCATION:</b> Area bounded by Classico Avenue, Cortona Avenue, Ruby Avenue, and		<b>PROJECT TYPE:</b> Commercial: Retail and office.	<b>SITE SIZE (Ac):</b> 3.30	<b>NEW IMPERV. AREA (SqFt):</b> 93,270	<b>NET IMPERV. AREA (SqFt):</b> 93,270

<b>Private Projects</b>						
Planned Development Permit to construct two, two-story commercial and office buildings totaling approximately 36,500 gross square feet on a 3.3 gross acre site.	(See Private Projects Map, No. 15)	Village Square. <b>WATERSHED:</b> Coyote				
<b>SITE DESIGN:</b> Evergreen Village Square is part of the Smart Growth project Evergreen East Hills Vision Strategy area. Village Square is the radial center of a larger mixed residential development where pedestrian-oriented commercial and office uses are located. Five media filtration units and disconnected downspouts to pervious pavement areas are the primary source and treatment control measures used on this project site adjacent to Fowler Creek. All parking and buildings associated with this project maintain a significant setback from the creek. This project incorporates disconnected downspouts, a plaza area that discharges to pervious pavement, tree planting and beneficial landscaping.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Media filtration unit and pervious pavement.	<b>NUMERIC CRITERIA:</b> Yes, flow and volume based. <b>HMP:</b> Encouraged, but not required. Pervious pavement provides some HMP benefits. <b>DEEMED COMPLETE:</b> 07/24/06 <b>APPROVED:</b> 04/06/07	<b>O&amp;M RESPONSIBILITY:</b> The developer/owner shall operate and maintain the bioretention units per the manufacturers operation and maintenance manual, in conformance with the San José Building Code (San José Municipal Code, Title 17, Chapter 17.04). Owner/Site Manager to keep track of maintenance and inspection schedule for treatment features on the site.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	
<b>PROJECT NAME:</b> Coyote Valley Research Park Phase B <b>PROJECT DESCRIPTION:</b> Master Planned Development Permit to allow up to approximately 916,000 square feet of campus industrial and research and development on a 35.7 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-041 (See Private Projects Map, No. 16)	<b>PROJECT LOCATION:</b> East side of Santa Teresa Boulevard approximately 1,750 feet north of Bailey Avenue. <b>WATERSHED:</b> Coyote	<b>PROJECT TYPE:</b> Master Plan: Industrial/ Research and Development.	<b>SITE SIZE (Ac):</b> 35.70	<b>NEW IMPERV. AREA (SqFt):</b> 790,468	<b>NET IMPERV. AREA (SqFt):</b> 790,468
<b>SITE DESIGN:</b> The Master Plan for this site proposes to use self-treating landscape areas and large bioretention drainage areas covered with pervious pavement systems to treat on site runoff in combination with mechanical units in the public right-of-way. Bioretention areas are divided into two categories: those that treat roof runoff and those that treat parking runoff. This project incorporates disconnected downspouts and pervious pavement.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Bioretention cells/filters and mechanical units.	<b>NUMERIC CRITERIA:</b> Yes, flow and volume based. <b>HMP:</b> Required. Creek improvements provide HMP benefits. <b>DEEMED COMPLETE:</b> 08/15/06	<b>O&amp;M RESPONSIBILITY:</b> Maintenance of the proposed bioretention cells shall be the responsibility of the property owner. Maintenance of the proposed mechanical units shall be the responsibility of the City of San Jose. All of the proposed units are located within the public street rights-of-way.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C3 Handbook and the Landscape Maintenance Techniques for Pest Reduction Fact Sheet are posted on the City website.	

Private Projects						
			<b>APPROVED:</b> 06/18/07			
<b>PROJECT NAME:</b> Village Square Homes (Formerly Lou's Village)  <b>PROJECT DESCRIPTION:</b> Planned Development Permit to allow demolition of an existing restaurant and mixed use building and construction of 11 live-work units and 84 single-family attached residential units, and associated site improvement on a 5.02 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-042 (See Private Projects Map, No. 17)	<b>PROJECT LOCATION:</b> North side of West San Carlos Street, 650 feet westerly of Meridian Avenue.  <b>WATERSHED:</b> Guadalupe		<b>PROJECT TYPE:</b> Residential: Single-family attached and live-work units.	<b>SITE SIZE (Ac):</b> 5.02	<b>NEW IMPERV. AREA (SqFt):</b> 211,092  <b>NET IMPERV. AREA (SqFt):</b> 155,161
<b>SITE DESIGN:</b> This multi-story building incorporates pervious pavers and pavement, shared driveways, and disconnected downspouts on site.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Vegetated swales and mechanical units.	<b>NUMERIC CRITERIA:</b> Yes, flow based.  <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits.  <b>DEEMED COMPLETE:</b> 08/15/06  <b>APPROVED:</b> 10/25/06	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	
<b>PROJECT NAME:</b> Paula Villas  <b>PROJECT DESCRIPTION:</b> Planned Development Permit to demolish 3 existing single-family residences and remove 10 trees to construct 15 single-family attached residential units on a 0.69 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-046 (See Private Projects Map, No. 18)	<b>PROJECT LOCATION:</b> South side of Paula Street, approximately 160 feet easterly of Meridian Way.  <b>WATERSHED:</b> Guadalupe		<b>PROJECT TYPE:</b> Residential: Single-family attached.	<b>SITE SIZE (Ac):</b> 0.69	<b>NEW IMPERV. AREA (SqFt):</b> 20,822  <b>NET IMPERV. AREA (SqFt):</b> 20,400



<b>Private Projects</b>							
<b>SITE DESIGN:</b> Proposed development of 2 and 3 story townhomes (21 dwelling units/acre) with a mixture of 1-car and 2-car tandem garages with narrow drives off of a common drive. This project incorporates tree planting and beneficial landscaping.	<b>SOURCE CONTROL:</b> Stenciled inlets and covered trash enclosures.	<b>TREATMENT BMPs:</b> Mechanical unit with oil baffle.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. <b>DEEMED COMPLETE:</b> 08/29/06 <b>APPROVED:</b> 12/20/06	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		
<b>PROJECT NAME:</b> Coyote Valley Research Park Fire Station #32 <b>PROJECT DESCRIPTION:</b> Planned Development Permit to allow construction of a 7,700 square feet fire station, training tower and other ancillary uses on a 1.12 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-050 (See Private Projects Map, No. 19)	<b>PROJECT LOCATION:</b> Northwesterly corner of Bailey Avenue and Santa Teresa Boulevard. <b>WATERSHED:</b> Coyote		<b>PROJECT TYPE:</b> Institutional: Fire station	<b>SITE SIZE (Ac):</b> 1.12	<b>NEW IMPERV. AREA (SqFt):</b> 16,295	<b>NET IMPERV. AREA (SqFt):</b> 16,295
<b>SITE DESIGN:</b> Because maintenance of this future fire station will be the responsibility of the City, the majority of runoff from the site will be filtered on-site but some will be allowed to flow to the public-right of way and be treated by mechanical units before discharging to a Fischer Creek bypass channel. This project incorporates tree planting, beneficial landscaping and disconnected downspouts.	<b>SOURCE CONTROL:</b> Covered trash enclosures and stenciled inlets.	<b>TREATMENT BMPs:</b> Mechanical units.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. <b>DEEMED COMPLETE:</b> 09/22/06 <b>APPROVED:</b> 04/25/07	<b>O&amp;M RESPONSIBILITY:</b> The City of San José is responsible for the maintenance of the underground mechanical units for this site.		<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	
<b>PROJECT NAME:</b> Page Street Condos <b>PROJECT DESCRIPTION:</b> Planned Development Permit to demolish two existing two-family dwelling units and construct seven single-family attached residences and associated site improvements on a 0.4 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-053 (See Private Projects Map, No. 20)	<b>PROJECT LOCATION:</b> East side of Page Street, approximately 200 feet southerly of Douglas Street. <b>WATERSHED:</b> Guadalupe		<b>PROJECT TYPE:</b> Residential: Single-family attached.	<b>SITE SIZE (Ac):</b> 0.40	<b>NEW IMPERV. AREA (SqFt):</b> 12,022	<b>NET IMPERV. AREA (SqFt):</b> 9,450

<b>Private Projects</b>							
<b>SITE DESIGN:</b> This infill development proposes to maximize this site by demolishing two single-family detached homes and building seven single-family attached townhomes in its place for a density of 16.7 dwelling units to the acre. Units share a common drive. This project incorporates disconnected downspouts.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Vegetated swales.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits. <b>DEEMED COMPLETE:</b> 10/04/06 <b>APPROVED:</b> 05/04/07	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		
<b>PROJECT NAME:</b> Calderon Tires <b>PROJECT DESCRIPTION:</b> Planned Development Permit to allow the construction of approximately 15,000 square feet of commercial uses on a 0.59 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-054 (See Private Projects Map, No. 21)	<b>PROJECT LOCATION:</b> Southwest corner of Alum Rock Avenue and McCreery Avenue. <b>WATERSHED:</b> Coyote		<b>PROJECT TYPE:</b> Commercial: Retail.	<b>SITE SIZE (Ac):</b> 0.59	<b>NEW IMPERV. AREA (SqFt):</b> 19,214	<b>NET IMPERV. AREA (SqFt):</b> 9,000
<b>SITE DESIGN:</b> Commercial retail development for a tire sales and installation business with second floor offices uses. Site increases impervious surfaces but upholds smart growth principles by intensifying uses on this redevelopment site. This project incorporates disconnected downspouts and pervious pavement.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Vegetated swale and a mechanical unit.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits. <b>DEEMED COMPLETE:</b> 10/05/06 <b>APPROVED:</b> 06/27/07	<b>O&amp;M RESPONSIBILITY:</b> The developer/owner shall operate and maintain the storm vaults per the manufacturers operation and maintenance manual, in conformance with the San José Building Code (San José Municipal Code, Title 17, Chapter 17.04). Owner/Site Manager to keep track of maintenance and inspection schedule for swales/treatment features on the site.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		
<b>PROJECT NAME:</b> Leigh Avenue Homes <b>PROJECT DESCRIPTION:</b> Planned Development Permit to construct 23 single-family detached residences on a 1.68 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-058 (See Private Projects Map, No. 22)	<b>PROJECT LOCATION:</b> Southeast corner of Foxworthy and Leigh Avenues. <b>WATERSHED:</b> Guadalupe		<b>PROJECT TYPE:</b> Residential: Single-family detached.	<b>SITE SIZE (Ac):</b> 1.68	<b>NEW IMPERV. AREA (SqFt):</b> 40,095	<b>NET IMPERV. AREA (SqFt):</b> -32,967

<b>Private Projects</b>							
<b>SITE DESIGN:</b> Former medical/office building surrounded by parking and some landscaping will be replaced with 23 single-family detached homes at a density of 13.7 dwelling units to the acre. Groundwater depth of 50 to 100 feet below grade and silt loam soil make this an ideal site for landscape-based treatment control measures. This project decreases impervious surface area and incorporates tree planting and beneficial landscaping.	<b>SOURCE CONTROL:</b> Stenciled inlets and a covered trash enclosure.	<b>TREATMENT BMPs:</b> Vegetated swales.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits. <b>DEEMED COMPLETE:</b> 10/19/06 <b>APPROVED:</b> 02/16/07	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		
<b>PROJECT NAME:</b> Silver Creek Valley Road Retail Center <b>PROJECT DESCRIPTION:</b> Planned Development Permit to construct three buildings for a total of 24,000 square feet for commercial uses on a 2.18 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-060 (See Private Projects Map, No. 23)	<b>PROJECT LOCATION:</b> Southeasterly side of Silver Creek Valley Road, and at the south terminus of Fontanoso Way. <b>WATERSHED:</b> Coyote		<b>PROJECT TYPE:</b> Commercial: Retail.	<b>SITE SIZE (Ac):</b> 2.18	<b>NEW IMPERV. AREA (SqFt):</b> 82,518	<b>NET IMPERV. AREA (SqFt):</b> 82,518
<b>SITE DESIGN:</b> Commercial retail development on a previously vacant site. This project incorporates disconnected downspouts and beneficial landscaping.	<b>SOURCE CONTROL:</b> A covered trash enclosure and stenciled inlets.	<b>TREATMENT BMPs:</b> Vegetated swales.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits. <b>DEEMED COMPLETE:</b> 11/01/06 <b>APPROVED:</b> 04/25/07	<b>O&amp;M RESPONSIBILITY:</b> Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		
<b>PROJECT NAME:</b> The Lands of Klassen at Oakland and Rock Avenue <b>PROJECT DESCRIPTION:</b> Planned Development Permit to demolish an existing commercial building and two	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-061 (See Private Projects Map, No. 24)	<b>PROJECT LOCATION:</b> North side of Rock Avenue, approximately 450 feet westerly of Oakland Road. <b>WATERSHED:</b> Coyote		<b>PROJECT TYPE:</b> Residential: Single-family attached.	<b>SITE SIZE (Ac):</b> 1.02	<b>NEW IMPERV. AREA (SqFt):</b> 28,420	<b>NET IMPERV. AREA (SqFt):</b> -3,800

<b>Private Projects</b>							
garage structures, and to construct 18 single-family attached residences on a 1.02 acre site.							
<b>SITE DESIGN:</b> Former industrial/commercial site almost entirely paved will be redeveloped with single-family attached housing for a density of 18.4 DU/acre. While soil type is ideal for landscape-based treatment control measures, the groundwater depth on the site is in the range of 0 to 10 feet below grade. This project decreases impervious surface area and incorporates disconnected downspouts to landscape areas with subdrains to a media filtration unit.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Media filtration unit.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. <b>DEEMED COMPLETE:</b> 11/02/06 <b>APPROVED:</b> 04/25/07	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		
<b>PROJECT NAME:</b> Montecito Vista Urban Village <b>PROJECT DESCRIPTION:</b> PD05-077 was an approval for the site plan only. PD06-062 is the Planned Development Permit to (1) effectuate the entire PDC06-034 zoning district, (2) provide grading and stormwater details for the entire zoning area, and (3) provide landscaping and architecture details for the two northernmost residential areas (the Siena area which includes 53 and Savona which includes 40 residential units) on an approximately 29.5 gross acre site. The zoning allows for up to 969 residential units, a public park, and 18,000 square feet of commercial space. Pending Planned Development Permit Amendments will provide clearance for the construction of additional units and changes to the Stormwater Control Plan necessary based on unit type changes.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-062 (PD05-077) (See Private Projects Map, No. 25)	<b>PROJECT LOCATION:</b> Southwest corner of Monterey Road and Goble Lane. <b>WATERSHED:</b> Coyote		<b>PROJECT TYPE:</b> Residential/ Commercial: Mixed-use.	<b>SITE SIZE (Ac):</b> 29.5	<b>NEW IMPERV. AREA (SqFt):</b> 488,367	<b>NET IMPERV. AREA (SqFt):</b> -668,151

<b>Private Projects</b>						
<b>SITE DESIGN:</b> Montecito Vista Urban Village implements several site design, source control and treatment control measures that allow this previously industrial and mobilehome park site to decrease impervious surface. The perimeter EVA is pervious pavement. Units area a mixture single-family attached and multi-family attached units with approximately 22,140 square feet of pervious pavement and disconnected downspouts to common landscape areas for infiltration. The village also includes private open space and a public park, pedestrian paseos, bicycle and motorcycle parking areas, podium parking and some retail/commercial space to discourage car use.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Vegetated swales, a stormwater treatment pond, and media filtration units.	<b>NUMERIC CRITERIA:</b> Yes, flow and volume based. <b>HMP:</b> Encouraged, but not required. Swales and pond provide some HMP benefits. <b>DEEMED COMPLETE:</b> 11/02/06 <b>APPROVED:</b> 11/28/06	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	
<b>PROJECT NAME:</b> San José Water Company New Storage Building <b>PROJECT DESCRIPTION:</b> Planned Development Permit for industrial uses on a 1.76 gross acres site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-065 (See Private Projects Map, No. 26)	<b>PROJECT LOCATION:</b> East side of Will Wool Drive approximately 400 feet north of Quinn Avenue. <b>WATERSHED:</b> Coyote	<b>PROJECT TYPE:</b> Industrial: Materials storage.	<b>SITE SIZE (Ac):</b> 1.76	<b>NEW IMPERV. AREA (SqFt):</b> 57,025	<b>NET IMPERV. AREA (SqFt):</b> 10,200
<b>SITE DESIGN:</b> San José Water Company project to have a materials storage facility. Site runoff is 100% landscape-based treatment including bermed and walled outdoor storage areas that discharge to vegetated swales. This project incorporates disconnected downspouts.	<b>SOURCE CONTROL:</b> Stenciled inlets and a bermed material storage area.	<b>TREATMENT BMPs:</b> Vegetated swales.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits. <b>DEEMED COMPLETE:</b> 11/16/06 <b>APPROVED:</b> 03/21/07	<b>O&amp;M RESPONSIBILITY:</b> Owner/Site Manager to keep track of maintenance and inspection schedule for swales/treatment features on the site.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	
<b>PROJECT NAME:</b> IBM <b>PROJECT DESCRIPTION:</b>	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-066 (See Private	<b>PROJECT LOCATION:</b> Northerly side of Bailey Avenue approximately 5,000 feet westerly of Santa Teresa Boulevard.	<b>PROJECT TYPE:</b> Industrial.	<b>SITE SIZE (Ac):</b> 0.98	<b>NEW IMPERV. AREA (SqFt):</b> 42,622	<b>NET IMPERV. AREA (SqFt):</b> 42,622

<b>Private Projects</b>						
Planned Development Permit to allow the construction of an approximately 110-space parking lot for an existing campus industrial facility.	Projects Map, No. 27)	<b>WATERSHED:</b> Coyote				
<b>SITE DESIGN:</b> Expansion of an existing parking facility will discharge runoff to existing infiltration basins that provide flood management benefits for the larger site.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Infiltration basins.	<b>NUMERIC CRITERIA:</b> Yes, volume based. <b>HMP:</b> Encouraged, but not required. Basins provide some HMP benefits. <b>DEEMED COMPLETE:</b> 11/21/06 <b>APPROVED:</b> 04/25/07	<b>O&amp;M RESPONSIBILITY:</b> Owner/Site Manager to keep track of maintenance and inspection schedule for swales/treatment features on the site.		<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.
<b>PROJECT NAME:</b> Merril Gardens at Willow Glen <b>PROJECT DESCRIPTION:</b> Planned Development Permit to construct a four story 98-unit Residential Care and Service Facility (Senior Assisted Living) above an below grade parking facility on a 1.21 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD06-070 (See Private Projects Map, No. 28)	<b>PROJECT LOCATION:</b> Along the southern side of Curci Drive and at the intersection of Curci Drive and Meridian Avenue. <b>WATERSHED:</b> Guadalupe		<b>PROJECT TYPE:</b> Residential: Care & service facility.	<b>SITE SIZE (Ac):</b> 1.21	<b>NEW IMPERV. AREA (SqFt):</b> 38,584 <b>NET IMPERV. AREA (SqFt):</b> 16,575
<b>SITE DESIGN:</b> This residential care and service facility has no at-grade parking. All parking is below grade with the 98 units built on top of the podium. Due to the size and density of the site, beneficial landscape areas and a media filtration unit combine to provide treatment control for the site. This project incorporates tree planting and disconnected downspouts.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Media filtration unit.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. <b>DEEMED COMPLETE:</b> 12/15/06 <b>APPROVED:</b> 04/18/07	<b>O&amp;M RESPONSIBILITY:</b> Owner/Site Manager to keep track of maintenance and inspection schedule for swales/treatment features on the site.		<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.



<b>Private Projects</b>						
<b>PROJECT NAME:</b> 1179 Campbell Avenue <b>PROJECT DESCRIPTION:</b> Planned Development Permit to allow demolition of existing buildings and construction of 36 single-family detached residential units on a 2.67 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD07-027 (See Private Projects Map, No. 29)	<b>PROJECT LOCATION:</b> Southwesterly side of Campbell Avenue 950 ft northwesterly of Newhall Street. <b>WATERSHED:</b> Guadalupe		<b>PROJECT TYPE:</b> Residential: Single-family detached.	<b>SITE SIZE (Ac):</b> 2.67	<b>NEW IMPERV. AREA (SqFt):</b> 75,070 <b>NET IMPERV. AREA (SqFt):</b> -36,864
<b>SITE DESIGN:</b> Development of 2- and 3-story single family detached homes built on a formerly industrial site. This project decreases impervious surface area. Due to extremely shallow groundwater depth (2-3 feet in some places) and soil and groundwater contamination on neighboring sites, landscape-based solutions were not an option. Project uses 5 mechanical units, one in each of its drainage areas to treat water before discharging. This project incorporates disconnected downspouts for overland flow.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Inlet filters and mechanical units.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required <b>DEEMED COMPLETE:</b> 03/26/07 <b>APPROVED:</b> 06/27/07	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	
<b>PROJECT NAME:</b> Kentwood Townhomes <b>PROJECT DESCRIPTION:</b> Planned Development Permit to construct 56 single-family attached residences, one detached residence and 8,000 square feet of retail space on a 4.2 gross acres site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD07-042 (See Private Projects Map, No. 30)	<b>PROJECT LOCATION:</b> Area generally bounded by Kentwood Avenue, Highway 85 and S. De Anza Blvd. Additional APNs: 359-35-024, 359-35-026, 359-35-020, 359-35-025, 359-35-026. <b>WATERSHED:</b> Calabazas		<b>PROJECT TYPE:</b> Residential & Commercial: Mixed-use.	<b>SITE SIZE (Ac):</b> 4.20	<b>NEW IMPERV. AREA (SqFt):</b> 114,998 <b>NET IMPERV. AREA (SqFt):</b> 8,712
<b>SITE DESIGN:</b> Mixed use development of attached townhomes, single-family detached homes and retail commercial space. Project's residential density is 16 dwelling units per acre. This project incorporates disconnected downspouts.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Vegetated swales and media filtration unit.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits. <b>DEEMED COMPLETE:</b> 05/01/07	<b>O&amp;M RESPONSIBILITY:</b> Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	

<b>Private Projects</b>						
			<b>APPROVED:</b> 06/27/07			
<b>PROJECT NAME:</b> Greenwaste Recovery Recycling Center  <b>PROJECT DESCRIPTION:</b> SP06-024 allowed for the expansion of operations at the Green Waste Recovery Facility from 935 tons per day to 2000 tons per day for the processing of recyclables and compostable waste on this site. SP06-094 is a Special Use Permit to construct a 43,200 square foot building at the same location on a 6.05 gross acre site. This project decreases impervious surface area	<b>PROJECT FILE &amp; MAP NUMBER:</b> SP06-094 (and SP06-024) (See Private Projects Map, No. 31)	<b>PROJECT LOCATION:</b> North side of Charles Street approximately 750 feet westerly of Oakland Road.  <b>WATERSHED:</b> Guadalupe	<b>PROJECT TYPE:</b> Industrial: Recycling facility.	<b>SITE SIZE (Ac):</b> 6.05	<b>NEW IMPERV. AREA (SqFt):</b> 257,913	<b>NET IMPERV. AREA (SqFt):</b> -354
<b>SITE DESIGN:</b> The approval of SP06-024 allowed to the expansion of recycling activities at this site. SP06-094 is a related permit to construct a nearly one acre warehouse to conduct the recycling uses. The permit also covered site improvements to landscaping and parking areas. A CDS unit will be installed to treat runoff from 97.8% of the site. The project reduces the amount of impervious surface area.	<b>SOURCE CONTROL:</b> Covered trash enclosures and stenciled inlets.	<b>TREATMENT BMPs:</b> Media filtration unit.	<b>NUMERIC CRITERIA:</b> Yes, flow based.  <b>HMP:</b> Encouraged, but not required.  <b>DEEMED COMPLETE:</b> 11/1/2006  <b>APPROVED:</b> 6/27/07	<b>O&amp;M RESPONSIBILITY:</b> Owner/Site Manager to keep track of maintenance and inspection schedule for swales/treatment features on the site.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	
<b>PROJECT NAME:</b> Service Street Warehouse  <b>PROJECT DESCRIPTION:</b> Site Development Permit to demolish all existing structures and construct approximately 21,504 square foot building for warehouse and office uses on an approximately 1.10 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> H05-052 (See Private Projects Map, No. 32)	<b>PROJECT LOCATION:</b> North side of Service Street, 160 feet easterly of Old Oakland Road.  <b>WATERSHED:</b> Coyote	<b>PROJECT TYPE:</b> Commercial: Office space.	<b>SITE SIZE (Ac):</b> 1.10	<b>NEW IMPERV. AREA (SqFt):</b> 36,821	<b>NET IMPERV. AREA (SqFt):</b> -10,070
<b>SITE DESIGN:</b> This industrial site was previously entirely paved. Redevelopment of the site includes new landscape areas with shallow ponds, a vegetated swale, a biofiltration area, and disconnected downspouts. This project reduces the impervious surface area below	<b>SOURCE CONTROL:</b> Covered recycling bins and stenciled inlets.	<b>TREATMENT BMPs:</b> Vegetated swale and biofiltration units.	<b>NUMERIC CRITERIA:</b> Not required.  <b>HMP:</b> Encouraged, but not required. Swales provide some HMP	<b>O&amp;M RESPONSIBILITY:</b> Owner/Site Manager to keep track of maintenance and inspection schedule for BMPs and treatment features on the site.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted	

<b>Private Projects</b>						
the one acre threshold.			benefits. <b>DEEMED COMPLETE:</b> 10/27/2005 <b>APPROVED:</b> 9/17/06		on the City website.	
<b>PROJECT NAME:</b> Cadence Seely Campus (Building 10) <b>PROJECT DESCRIPTION:</b> Site Development Permit to allow the construction of a new 208,000 square foot research and development facility and associated parking lot on a 6.8 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> H05-053 (See Private Projects Map, No. 33)	<b>PROJECT LOCATION:</b> Northerly corner of Montague Expressway and Trimble Road. <b>WATERSHED:</b> Guadalupe	<b>PROJECT TYPE:</b> Commercial: Office/ research and development	<b>SITE SIZE (Ac):</b> 6.80	<b>NEW IMPERV. AREA (SqFt):</b> 173,700	<b>NET IMPERV. AREA (SqFt):</b> 173,700
<b>SITE DESIGN:</b> This expansion of an existing industrial research and development campus uses a combination of infiltration trench and media filtration units to provide water quality treatment control. This project incorporates tree planting, beneficial landscaping, and disconnected downspouts.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Vegetated buffer strips, an infiltration trench, and mechanical units.	<b>NUMERIC CRITERIA:</b> Yes, flow and volume based. <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits. <b>DEEMED COMPLETE:</b> 10/28/2005 <b>APPROVED:</b> 10/13/06	<b>O&amp;M RESPONSIBILITY:</b> Owner/Site Manager to keep track of maintenance and inspection schedule for swales/treatment features on the site.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	
<b>PROJECT NAME:</b> 3005 Old Almaden Road <b>PROJECT DESCRIPTION:</b> Site Development Permit to allow demolition, construction, exterior modifications and site improvements for an existing vacant office building on a 0.78 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> H06-018 (See Private Projects Map, No. 34)	<b>PROJECT LOCATION:</b> Southwest corner of Old Almaden Road and Foxworthy Avenue. <b>WATERSHED:</b> Guadalupe	<b>PROJECT TYPE:</b> Commercial: Office space.	<b>SITE SIZE (Ac):</b> 0.78	<b>NEW IMPERV. AREA (SqFt):</b> 14,038	<b>NET IMPERV. AREA (SqFt):</b> -19,939

<b>Private Projects</b>							
<b>SITE DESIGN:</b> Site was previously entirely paved. Significant landscaping has been proposed as part of this permit that includes a large drain rock bed surrounded by a swale, large landscape planting area and trees. This project incorporates disconnected downspouts and decreases impervious surface area	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Vegetated swale and a bioretention/drain rock area.	<b>NUMERIC CRITERIA:</b> Yes, flow and volume based. <b>HMP:</b> Encouraged, but not required. Both swale and drain rock area provide some HMP benefits. <b>DEEMED COMPLETE:</b> 3/28/2006 <b>APPROVED:</b> 11/17/06	<b>O&amp;M RESPONSIBILITY:</b> Owner/Site Manager to keep track of maintenance and inspection schedule for BMPs and treatment features on the site.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		
<b>PROJECT NAME:</b> McKee Retail Development <b>PROJECT DESCRIPTION:</b> Site Development Permit to allow construction of a 4,863 square-foot one-story retail building.	<b>PROJECT FILE &amp; MAP NUMBER:</b> H06-034 (See Private Projects Map, No. 35)	<b>PROJECT LOCATION:</b> Corner of McKee and Vista. <b>WATERSHED:</b> Coyote		<b>PROJECT TYPE:</b> Commercial: Retail	<b>SITE SIZE (Ac):</b> 0.49	<b>NEW IMPERV. AREA (SqFt):</b> 17,906	<b>NET IMPERV. AREA (SqFt):</b> 0
<b>SITE DESIGN:</b> Commercial development placed on the corner with parking behind. Site proposes intensification of retail uses on a previously developed site. This project incorporates tree planting and beneficial landscaping.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Vegetated swale.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits. <b>DEEMED COMPLETE:</b> 7/17/2006 <b>APPROVED:</b> 9/15/06	<b>O&amp;M RESPONSIBILITY:</b> Owner/Site Manager to keep track of maintenance and inspection schedule for BMPs and treatment features on the site.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		
<b>PROJECT NAME:</b> Alma-Almaden Retail Center <b>PROJECT DESCRIPTION:</b> Site Development Permit to demolish an existing commercial building and single-	<b>PROJECT FILE &amp; MAP NUMBER:</b> H06-036 (See Private Projects Map, No. 36)	<b>PROJECT LOCATION:</b> Southeast corner of West Alma Avenue and Almaden Expressway. <b>WATERSHED:</b> Guadalupe		<b>PROJECT TYPE:</b> Commercial: Retail.	<b>SITE SIZE (Ac):</b> 0.58	<b>NEW IMPERV. AREA (SqFt):</b> 22,448	<b>NET IMPERV. AREA (SqFt):</b> 20,548

<b>Private Projects</b>								
<b>PROJECT NAME:</b> Alma Retail	<b>PROJECT DESCRIPTION:</b> Site Development Permit to complete improvements to an existing retail building and to construct a new 5,100 square foot building for retail uses on a 1.20 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> H06-037 (See Private Projects Map, No. 37)	<b>PROJECT LOCATION:</b> Northeast corner of West Alma Avenue and Minnesota Avenue or 640 West Alma Avenue & 583 West Alma Avenue.	<b>WATERSHED:</b> Guadalupe	<b>PROJECT TYPE:</b> Commercial: Retail.	<b>SITE SIZE (Ac):</b> 1.20	<b>NEW IMPERV. AREA (SqFt):</b> 37,646	<b>NET IMPERV. AREA (SqFt):</b> -12,132
<b>SITE DESIGN:</b> Commercial development placed on the corner with parking behind. Site proposes intensification of retail uses on a previously developed site. New plan keeps one existing building, demolishes another built in 1900 (historic). This project incorporates disconnected downspouts.	<b>SOURCE CONTROL:</b> Covered trash enclosures and stenciled inlets.	<b>TREATMENT BMPs:</b> Vegetated swales.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits. <b>DEEMED COMPLETE:</b> 7/27/2006 <b>APPROVED:</b> 11/21/06	<b>O&amp;M RESPONSIBILITY:</b> Owner/Site Manager to keep track of maintenance and inspection schedule for BMPs and treatment features on the site.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.			
<b>SITE DESIGN:</b> Commercial development for retail that decreases impervious surface area and incorporates tree planting and beneficial landscaping.	<b>SOURCE CONTROL:</b> Covered trash enclosures and stenciled inlets.	<b>TREATMENT BMPs:</b> A vegetated swale and a media filtration unit.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits. <b>DEEMED COMPLETE:</b> 7/28/2006 <b>APPROVED:</b> 1/12/07	<b>O&amp;M RESPONSIBILITY:</b> Owner/Site Manager to keep track of maintenance and inspection schedule for BMPs and treatment features on the site.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.			
<b>PROJECT NAME:</b>	<b>PROJECT DESCRIPTION:</b>	<b>PROJECT FILE &amp; MAP NUMBER:</b>	<b>PROJECT LOCATION:</b>	<b>WATERSHED:</b>	<b>PROJECT TYPE:</b>	<b>SITE SIZE (Ac):</b>	<b>NEW IMPERV. AREA (SqFt):</b>	<b>NET IMPERV. AREA (SqFt):</b>

<b>Private Projects</b>							
<b>Bollinger Retail</b> <b>PROJECT DESCRIPTION:</b> Site Development Permit to demolish one existing vacant residential structure, move one approximately 1,925 square foot historic commercial structure on-site, and construct two new commercial buildings totalling approximately 17,900 on a 1.65 gross acre site.	H06-077 (See Private Projects Map, No. 38)	Southeast corner of South De Anza Boulevard and Bollinger Road. <b>WATERSHED:</b> Calabazas		Commercial: Retail.	1.65	44,574	41,074
<b>SITE DESIGN:</b> This commercial site previously used as the nursery is a unique project as it combines preservation of a historic building, and 100% landscaped based treatment control measures in the redevelopment of this site. Project will use a combination of pervious pavement and vegetated swales to treat runoff. This project incorporates disconnected downspouts and pervious pavement.	<b>SOURCE CONTROL:</b> Covered trash enclosures and stenciled inlets.	<b>TREATMENT BMPs:</b> Vegetated swales.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits. <b>DEEMED COMPLETE:</b> 8/28/2006 <b>APPROVED:</b> 6/1/07	<b>O&amp;M RESPONSIBILITY:</b> Owner/Site Manager to keep track of maintenance and inspection schedule for BMPs and treatment features on the site.		<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	
<b>PROJECT NAME:</b> 1139 Minnesota Avenue <b>PROJECT DESCRIPTION:</b> Conditional Use Permit to allow an existing private club use operating without benefit of permits and to allow site improvements including an outdoor deck, parking lot, and lighting on a 0.54 gross acre site.	<b>PROJECT FILE &amp; MAP NUMBER:</b> CP05-038 (See Private Projects Map, No. 39)	<b>PROJECT LOCATION:</b> North side of Minnesota Avenue, approximately 350 feet westerly of Lincoln Avenue. <b>WATERSHED:</b> Guadalupe		<b>PROJECT TYPE:</b> Commercial: Private club.	<b>SITE SIZE (AC):</b> 0.54	<b>NEW IMPERV. AREA (SqFt):</b> 15,341	<b>NET IMPERV. AREA (SqFt):</b> 15,341

Private Projects					
<b>SITE DESIGN:</b> Permeable paver system is used to reduce imperviousness of new 10,000 square foot parking lot. This project incorporates tree planting, beneficial landscaping and permeable pavers.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Pervious pavers.	<b>NUMERIC CRITERIA:</b> Volume based. <b>HMP:</b> Encouraged, but not required. Pervious pavers provide some HMP benefits. <b>DEEMED COMPLETE:</b> 6/27/2005 <b>APPROVED:</b> 1/11/07	<b>O&amp;M RESPONSIBILITY:</b> Owner/Site Manager to keep track of maintenance and inspection schedule for swales/treatment features on the site.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.

Public Projects						
<b>PROJECT NAME:</b> Fire Station No. 12 <b>PROJECT DESCRIPTION:</b> Fire station consist of a two-story, 6,200 square foot station with two bays.	<b>PROJECT FILE &amp; MAP NUMBER:</b> CIP 1982 (See Public Projects Map, No. 1)	<b>PROJECT LOCATION:</b> At the corner of Cahalan Avenue and Calero Avenue. <b>WATERSHED:</b> Coyote	<b>PROJECT TYPE:</b> Insitutional.	<b>SITE SIZE (Ac):</b> 0.60	<b>NEW TOTAL IMPR. AREA (SqFt):</b> 6,326	<b>NET IMPR. AREA (SqFt):</b> N/A
<b>SITE DESIGN:</b> Minimized directly connected impervious surface and includes beneficial landscaping.	<b>SOURCE CONTROL:</b> N/A	<b>TREATMENT BMPs:</b> Vegetative swale and mechanical unit.	<b>NUMERIC CRITERIA:</b> N/A <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits. <b>FUNDED:</b> Prior to 10/15/03 <b>DESIGN COMPLETE:</b> 8/31/2006	<b>O&amp;M RESPONSIBILITY:</b> Treatment measures are maintained by City during routine maintenance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	
<b>PROJECT NAME:</b> Fire Station No. 17 <b>PROJECT DESCRIPTION:</b> Relocated Public Safety Bond-funded fire station to be constructed.	<b>PROJECT FILE &amp; MAP NUMBER:</b> CIP 2197 (See Public Projects Map, No. 2)	<b>PROJECT LOCATION:</b> Corner of Blossom Hill and Coniston Way. <b>WATERSHED:</b> Coyote	<b>PROJECT TYPE:</b> Institutional.	<b>SITE SIZE (Ac):</b> 0.60	<b>NEW TOTAL IMPR. AREA (SqFt):</b> 6,300	<b>NET IMPR. AREA (SqFt):</b> N/A



<b>Public Projects</b>							
<b>SITE DESIGN:</b> Minimized directly connected impervious surface, multi-story building minimized overall impervious surface, curb cuts to surrounding landscape, and disconnected downspouts to landscape pocket splash blocks.	<b>SOURCE CONTROL:</b> Covered fuel area and direct wash area to underground storm wash down filter.	<b>TREATMENT BMPs:</b> Trench drain and a mechanical unit.	<b>NUMERIC CRITERIA:</b> N/A <b>HMP:</b> Encouraged, but not required. <b>FUNDED:</b> Prior to 10/15/03 <b>DESIGN COMPLETE:</b> 7/7/2006	<b>O&amp;M RESPONSIBILITY:</b> Treatment measures are maintained by City during routine maintenance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		
<b>PROJECT NAME:</b> Santa Teresa Branch Library <b>PROJECT DESCRIPTION:</b> Replacement of an existing branch library to a 22,000 sq. ft. facility with a parking lot.	<b>PROJECT FILE &amp; MAP NUMBER:</b> CIP 1317 (See Public Projects Map, No. 3)	<b>PROJECT LOCATION:</b> 290 International Circle. <b>WATERSHED:</b> Coyote		<b>PROJECT TYPE:</b> Institutional.	<b>SITE SIZE (Ac):</b> 1.56	<b>NEW TOTAL IMPR. AREA (SqFt):</b> 57,250	<b>NET IMPR. AREA (SqFt):</b> N/A
<b>SITE DESIGN:</b> Minimized directly connected impervious surface, disconnected downspouts, tree preservation, bicycle parking, and proximity to transit.	<b>SOURCE CONTROL:</b> N/A	<b>TREATMENT BMPs:</b> Mechanical unit and vegetative swales.	<b>NUMERIC CRITERIA:</b> Not required, but sized to include flow based treatment. <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits. <b>FUNDED:</b> Prior to 10/15/03 <b>DESIGN COMPLETE:</b> 6/4/2007	<b>O&amp;M RESPONSIBILITY:</b> Treatment measures are maintained by City during routine maintenance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.		
<b>PROJECT NAME:</b> Roosevelt Community Center - Package II <b>PROJECT DESCRIPTION:</b> The scope of work on this park includes a new 30,000 sq. ft. community center, parking, site improvements and landscaping. The City of San José Environmental Services Department donated funds to help the park install eco-friendly features. For example, an	<b>PROJECT FILE &amp; MAP NUMBER:</b> CIP 1442 (See Public Projects Map, No. 4)	<b>PROJECT LOCATION:</b> 901 East Santa Clara Street. <b>WATERSHED:</b> Coyote		<b>PROJECT TYPE:</b> Institutional.	<b>SITE SIZE (Ac):</b> 13.72	<b>NEW TOTAL IMPR. AREA (SqFt):</b> 83,400	<b>NET IMPR. AREA (SqFt):</b> N/A

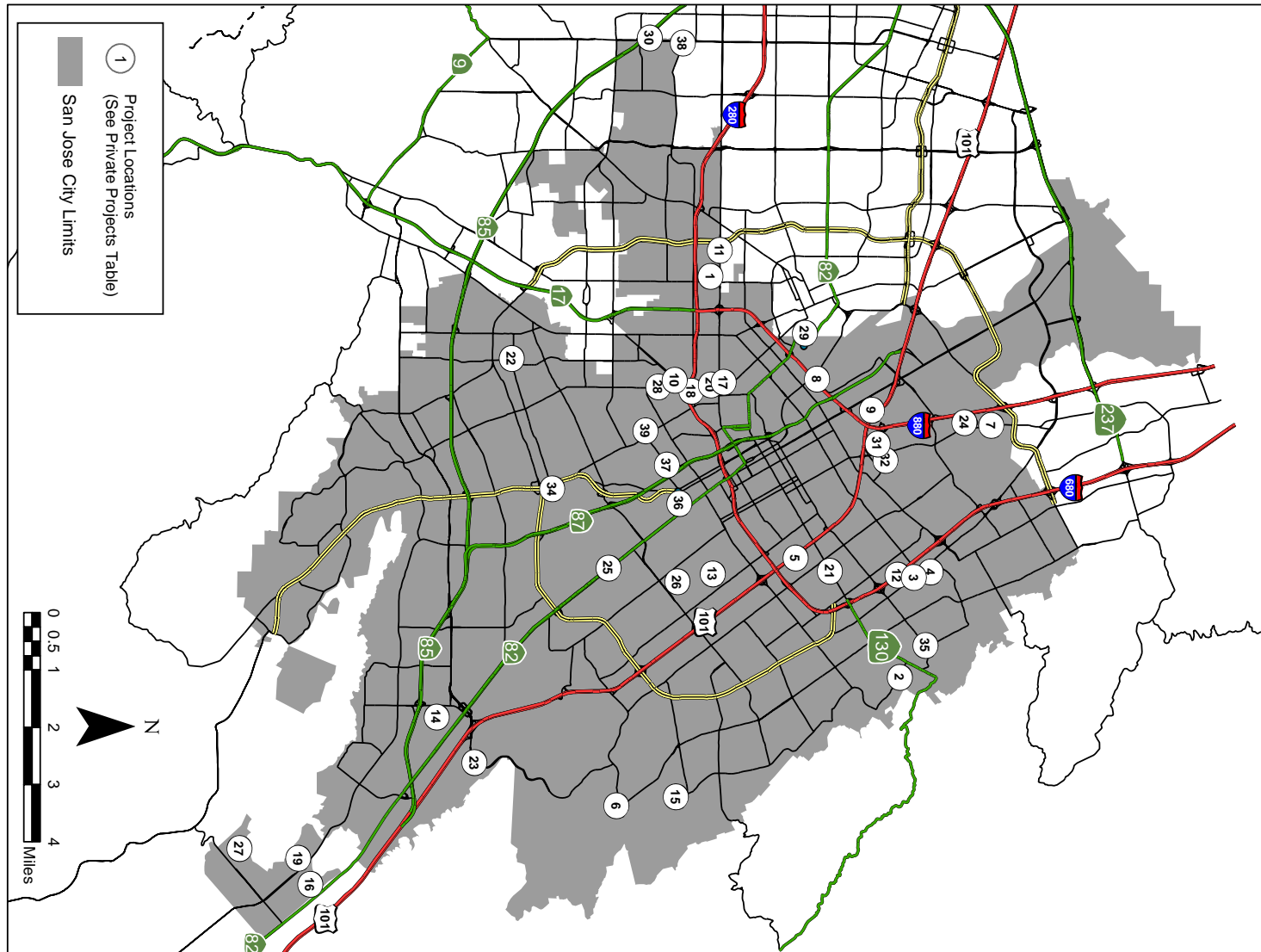
<b>Public Projects</b>						
educational art exhibit treats stormwater and illustrates the shape of the Coyote Watershed.						
<b>SITE DESIGN:</b> Even though the total size of the site was 13.72 acres, only 2.96 acres were disturbed. The project minimizes directly connected impervious surfaces, preserves natural areas and trees, features a multi-story building and includes bicycle parking. Additional site design features include effeciant irrigation using recycled water, beneficial landscaping with curb cuts, disconnected downspouts with overflow drains to planters and art pieces.	<b>SOURCE CONTROL:</b> Covered trash and storage areas.	<b>TREATMENT BMPs:</b> Vegetated swales, trench drains, pervious concrete and extended detention basins.	<b>NUMERIC CRITERIA:</b> Not required, but sized to include flow and volume based treatment. <b>HMP:</b> Encouraged, but not required. Swales, pervious concrete and basins provide some HMP benefits. <b>FUNDED:</b> Prior to 10/15/03 <b>DESIGN COMPLETE:</b> 8/21/2006	<b>O&amp;M RESPONSIBILITY:</b> Treatment measures are maintained by City during routine maintenance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	
<b>PROJECT NAME:</b> Happy Hollow Park & Zoo Phase II <b>PROJECT DESCRIPTION:</b> The scope of work includes feasibility, design and construction of the approximately 12 acres of renovation to the attractions and zoo area and improve approx. 4 acres of new zoo and new pedestrian bridge. The total 16.5 acre park including a pedestrian bridge, 12 buildings (ticket booths, education, administration, retail, concessions, guest services, animal commisary, animal health care, barn and 2 restrooms), 7 green roofs, small animal exhibits, animal petting exhibit, childrens attractions and rides, party areas, refurbishment of a signature ride, fencing, paving and walkways, service areas, renovation of existing features landscape and irrigation and signage.	<b>PROJECT FILE &amp; MAP NUMBER:</b> CIP 2920 (See Public Projects Map, No. 5)	<b>PROJECT LOCATION:</b> Happy Hollow Park & Zoo at Story and Senter Roads in Kelley Park. <b>WATERSHED:</b> Coyote	<b>PROJECT TYPE:</b> Recreational	<b>SITE SIZE (Ac):</b> 16.50	<b>NEW TOTAL IMPR. AREA (SqFt):</b> 185,000	<b>NET IMPR. AREA (SqFt):</b> N/A

<b>Public Projects</b>						
<b>SITE DESIGN:</b> Minimized directly connected impervious surface, preserved natural areas, storm water management system, pervious asphalt concrete paving, narrow streets/driveways, bicycle parking, native mitigation planting, maintenance and monitoring, and LEED certification. Additional site design features include roof runoff controls, grading, and use of recycled irrigation water and toilet water.	<b>SOURCE CONTROL:</b> Alternative building material, abatement of asbestos and lead containing materials, and covered outdoor storage.	<b>TREATMENT BMPs:</b> Vegetated swales, mechanical unit, trench drain, seven green roofs, and porous concrete.	<b>NUMERIC CRITERIA:</b> Not required, but sized to include flow and volume based treatment. <b>HMP:</b> Encouraged, but not required. Swales, green roofs and porous concrete provide HMP benefits. <b>FUNDED:</b> Prior to 10/15/03 <b>DESIGN COMPLETE:</b> 5/31/2007	<b>O&amp;M RESPONSIBILITY:</b> Treatment measures are maintained by City during routine maintenance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	
<b>PROJECT NAME:</b> Central Service Yard, Phase II <b>PROJECT DESCRIPTION:</b> The project is to design and construct a shop/maintenance, a fleet maintenance and a vehicle wash facility and finish an existing building at 1661 Senter Rd. to accommodate relocaing the Main Yard services to the Central Service Yard.	<b>PROJECT FILE &amp; MAP NUMBER:</b> CIP 0684 (See Public Projects Map, No. 6)	<b>PROJECT LOCATION:</b> 1661 Senter Road. <b>WATERSHED:</b> Coyote	<b>PROJECT TYPE:</b> Institutional	<b>SITE SIZE (Ac):</b> 22.00	<b>NEW TOTAL IMPR. AREA (SqFt):</b> 322,344	<b>NET IMPR. AREA (SqFt):</b> N/A
<b>SITE DESIGN:</b> Even though the total size of the site was 22 acres, only 7.40 acres were disturbed. Minimized directly connected impervious surface and bicycle parking. Project is a design-built process.	<b>SOURCE CONTROL:</b> Used recycled water for vehicle washing areas with overflow to sanitary sewer, covered parking, covered trash enclosures and stenciled inlets.	<b>TREATMENT BMPs:</b> Vegetated swales and a mechanical unit.	<b>NUMERIC CRITERIA:</b> Not required, but sized to include flow based treatment. <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits. <b>FUNDED:</b> Prior to 10/15/03 <b>DESIGN COMPLETE:</b> 3/21/2007	<b>O&amp;M RESPONSIBILITY:</b> Treatment measures are maintained by City during routine maintenance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	

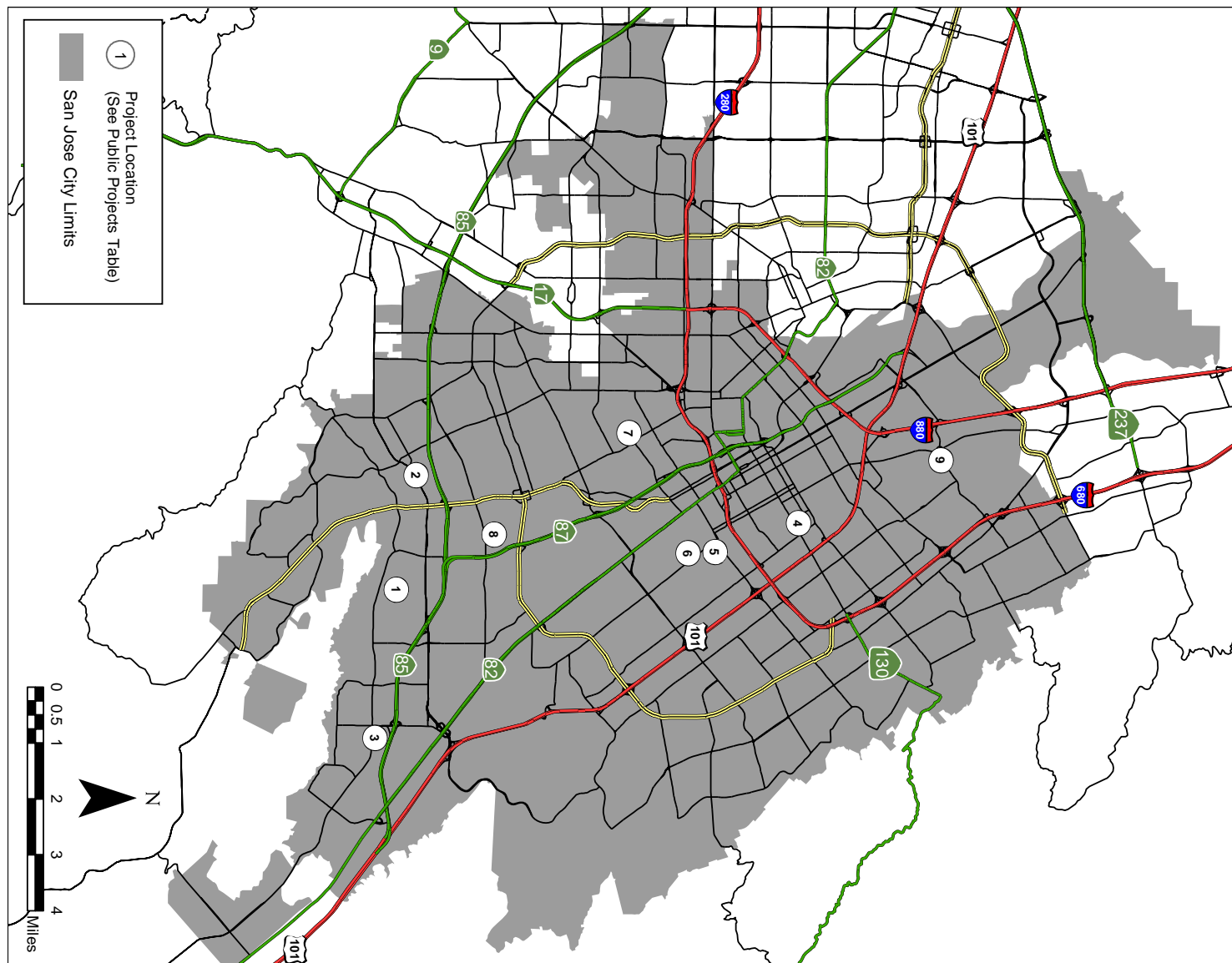
<b>Public Projects</b>						
<b>PROJECT NAME:</b> Willow Glen Branch Library  <b>PROJECT DESCRIPTION:</b> New 13,338 sq. ft. branch library which replaces an existing 8,330 sq. ft. library on the same site. The total area of the project site is 1.0 acre.	<b>PROJECT FILE &amp; MAP NUMBER:</b> CIP 1320 (See Public Projects Map, No. 7)	<b>PROJECT LOCATION:</b> 1157 Minnesota Ave., San José, CA.  <b>WATERSHED:</b> Guadalupe		<b>PROJECT TYPE:</b> Institutional	<b>SITE SIZE (Ac):</b> 1.00	<b>NEW TOTAL IMPR. AREA (SqFt):</b> 42,748  <b>NET IMPR. AREA (SqFt):</b> N/A
<b>SITE DESIGN:</b> Project includes pavers at exterior areas, LEED Certified, tree conservation, bicycle parking, effecient irregation, disconnected downspouts, curb cuts and flush curbs surrouning landscape.	<b>SOURCE CONTROL:</b> N/A	<b>TREATMENT BMPs:</b> Vegetated swales.	<b>NUMERIC CRITERIA:</b> N/A  <b>HMP:</b> Encouraged, but not required. Swales provide some HMP benefits.  <b>FUNDED:</b> Prior to 10/15/03  <b>DESIGN COMPLETE:</b> 9/1/2006	<b>O&amp;M RESPONSIBILITY:</b> Treatment measures are maintained by City during routine maintenance.		<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.
<b>PROJECT NAME:</b> Pearl Avenue Branch Library  <b>PROJECT DESCRIPTION:</b> New 13,884 sf branch library which replaces an existing 7,111 sf library on the same site. The total area of the project site is 1.14 acre.	<b>PROJECT FILE &amp; MAP NUMBER:</b> CIP 1314 (See Public Projects Map, No. 8)	<b>PROJECT LOCATION:</b> 4270 Pearl Avenue.  <b>WATERSHED:</b> Guadalupe		<b>PROJECT TYPE:</b> Institutional	<b>SITE SIZE (Ac):</b> 1.14	<b>NEW TOTAL IMPR. AREA (SqFt):</b> 35,660  <b>NET IMPR. AREA (SqFt):</b> N/A
<b>SITE DESIGN:</b> Project features proximity to transit, bicycle parking, and disconnected downspouts with splash boxes.	<b>SOURCE CONTROL:</b> N/A	<b>TREATMENT BMPs:</b> Infiltration basins with imported soil in parking median and sides of parking, vegetated swale with central cobble stone path and perforated subdrain system.	<b>NUMERIC CRITERIA:</b> N/A  <b>HMP:</b> Encouraged, but not required. Swales and basins provide HMP benefits.  <b>FUNDED:</b> Prior to 10/15/03  <b>DESIGN COMPLETE:</b> 8/1/2006	<b>O&amp;M RESPONSIBILITY:</b> Treatment measures are maintained by City during routine maintenance.		<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.

<b>Public Projects</b>						
<b>PROJECT NAME:</b> Luna Park <b>PROJECT DESCRIPTION:</b> Turnkey Park that is a portion of a greater land development project.	<b>PROJECT FILE &amp; MAP NUMBER:</b> PD05-032 (See Public Projects Map, No. 9)	<b>PROJECT LOCATION:</b> Old Berryessa and Oakland Road. <b>WATERSHED:</b> Coyote		<b>PROJECT TYPE:</b> Recreational	<b>SITE SIZE (Ac):</b> 9.60	<b>NEW TOTAL IMPR. AREA (SqFt):</b> 313,632 <b>NET IMPR. AREA (SqFt):</b> N/A
<b>SITE DESIGN:</b> This 1.2 acre park will collect and treat runoff from a 9.6 acre development that includes Modern Ice residential development. The park minimizes directly connected impervious surface areas, incorporates beneficial landscaping, bicycle racks, effecient irrigation and recycled water.	<b>SOURCE CONTROL:</b> Stenciled inlets.	<b>TREATMENT BMPs:</b> Vegetated swales and infiltration trenches.	<b>NUMERIC CRITERIA:</b> Yes, flow based. <b>HMP:</b> Encouraged, but not required. Swale provides some HMP benefits. <b>FUNDED:</b> 7/22/2005 <b>DESIGN COMPLETE:</b> 5/22/2007	<b>O&amp;M RESPONSIBILITY:</b> Treatment measures are maintained by City during routine maintenance.	<b>PESTICIDE REDUCTION MEASURES:</b> Pesticide reduction is done through education and outreach. The SCVURPPP C.3 Handbook and the Landscape Maintenance Techniques for the Pest Reduction Fact Sheet are posted on the City website.	

### Private Projects Map



### Public Projects Map



**Standard Operating Procedure  
BMP O&M VERIFICATION PROGRAM**

**Overview**

The City of San José's New and Redevelopment (NRD) Post-Construction BMP Operation and Maintenance Verification Program is a multi-department effort. The Departments of Environmental Services (ESD), Public Works (PW), and Planning, Building & Code Enforcement (PBCE) work together to verify that maintenance of Post-Construction BMPs is conducted as required by Provision C.3 of the stormwater permit. The key components of this program include BMP Tracking, Inspection, Enforcement and Follow Up, and Reporting.

PBCE is responsible for BMP Tracking and supports escalated enforcement if needed to achieve compliance. ESD's Watershed Enforcement Section is responsible for receiving BMP Tracking information, conducting inspections on a subset of BMPs, and performing enforcement and follow up as needed. ESD's Urban Runoff Section is responsible for compiling program data and reporting results annually to the Water Board.

**BMP Tracking**

Information on BMPs required by Provision C.3 is collected throughout the development review process. Final information on BMPs is available to inspectors when construction is complete.

**Table 1: Procedure for BMP Data Tracking and Compilation**

STEP	RESPONSIBILITY	ACTION
1	PBCE – Planning Division Planners	1. Collect and document information on BMPs for all projects that requires C.3 Treatment Devices, which are usually listed on the Stormwater Control Plan Sheet (SCP) of the submitted design plan set. Information must include description of BMP, location, BMP owner, responsible party for maintenance or any available contact info, O&M requirement mechanism, and any additional conditions imposed related to BMP O&M.
2	PW – TD&S – Urban Runoff Coordinator	2. Track projects with Stormwater Control Plan that have been issued Grading Permits.
3	PBCE – Building Division – Plan Check Engineer/ Urban Runoff Coordinator	3. Compile annually (each July) and provide to ESD a data file of all BMPs and projects which have been issued Certificate of Occupancy during the previous fiscal year.

**Inspection**

ESD selects sites for inspection based on a list of constructed sites obtained from Urban Runoff Coordinator in the Building Division and based on AOCs of previously inspected sites. All projects constructed during the previous fiscal year are inspected; inspections and follow up procedures are consistent with the City's Industrial and Commercial Discharges (IND) Program.

Table 2 summarizes the procedure for inspection of BMPs under this program. The Watershed Enforcement Section of the Watershed Protection Division has one environmental inspector assigned to inspect new development projects.

**Procedures for BMP O&M Verification Program**



**Table 2: Procedure for BMP Inspection**

STEP	RESPONSIBILITY	ACTION
1	ESD – WE – Senior Environmental Inspector	<ol style="list-style-type: none"> <li>Assign all projects issued Certificate of Occupancy for initial inspections.</li> <li>Assign other inspections based on AOC Frequency Schedule in Table 5.</li> </ol>
2	ESD – WE – Environmental Inspector (EI)	<ol style="list-style-type: none"> <li>Prior to inspections, inspectors fill out the SCVURPPP Standard Stormwater Treatment BMP Inspection Data Collection Form.                             <ul style="list-style-type: none"> <li>➤ Collect all background information on the site initially submitted by PBCE.</li> <li>➤ Review online data for site plans/asbuilt drawings.</li> <li>➤ Collect maintenance standards from on line sources or city manuals for maintenance fact sheets of the specific BMP listed on plan.</li> <li>➤ Check site for previous inspection results.</li> <li>➤ Check for necessary procedures such as underground confined space entry.</li> </ul> </li> <li>If ownership changed, update contact information.</li> </ol>
3	ESD – WE – EI	<p>Perform visual inspection of treatment BMP by following the SCVURPPP Standard Stormwater Treatment BMP Inspection Data Collection Form and refer to SCVURPPP Table labeled “Potential Inspection Results”; fill out one form per site for all relevant BMPs inspected.</p> <ul style="list-style-type: none"> <li>➤ If immediate threat to storm sewer system or creek follow Watershed Enforcement Response Plan (WERP) listed in Chapter 4 Appendix C of the Watershed Enforcement Training and Procedures Manual to find appropriate citation type and amount.</li> <li>➤ If BMP is functional and maintained, record inspection result. Distribute BMP Maintenance Fact Sheets from C.3 Handbook or CASQA Manual and schedule follow-up inspection if necessary.</li> <li>➤ If BMP is non-functional, record result and continue to Table 3.</li> </ul>

**Enforcement and Follow Up**

Table 3 summarizes the enforcement procedures for BMP Inspections. ESD’s Watershed Enforcement is the first tier of enforcement with PBCE Code Enforcement involved to employ the land use permit as the basis for enforcement.

**Table 3: Enforcement Procedure for BMP**

STEP	RESPONSIBILITY	ACTION
1	ESD – WE – Environmental Inspector (EI)	<ol style="list-style-type: none"> <li>Issue Official Warning Notice including description of violation, corrective actions required and compliance date.</li> <li>Re-inspect after compliance date.                             <ol style="list-style-type: none"> <li>a. If violation is corrected, deadline case and follow Reporting Procedures</li> <li>b. If violation continues, proceed to Step 2</li> </ol> </li> </ol>
2	ESD – WE – EI	<ol style="list-style-type: none"> <li>Within 48 hours, refer violation via e-mail to Code Enforcement Administrator including the following:                             <ol style="list-style-type: none"> <li>a. Field Inspection Notes</li> <li>b. Official Warning Notice</li> <li>c. Planning Permit Condition Violation Number</li> <li>d. Digital picture of initial violation and re-inspection</li> </ol> </li> </ol>

**BMP O&M Verification Program**

Location: U\N\U\_R\M\_P\NRD\O&M

STEP	RESPONSIBILITY	ACTION
		<ul style="list-style-type: none"> <li>e. Signed Photo Evidence Affidavit</li> <li>f. Recommended Compliance Timeline</li> </ul>
3	PBCE – CE – Code Enforcement Administrator (CEA)	<ul style="list-style-type: none"> <li>1. Within 24 hours, review referral for completeness. Contact EI if indicated.</li> <li>2. If complete, open case in Code Enforcement System (CES) within 24 hours.</li> <li>3. Within 48 hours, Issue Compliance Order to Responsible Person(s) including compliance date. Send an electronic copy to EI.</li> </ul>
4	ESD – WE – EI	<ul style="list-style-type: none"> <li>1. After compliance date, re-inspect for compliance.                             <ul style="list-style-type: none"> <li>a. If compliance is achieved, advise CEA to deadline case in CES. Follow reporting requirements.</li> <li>b. If compliance is not achieved, document violation (See Step 2) and notify CEA.</li> </ul> </li> </ul>
5	PBCE - Code Enforcement Administrator (CEA)	<ul style="list-style-type: none"> <li>1. Within 5 working days, develop Notice of Hearing and notify Responsible Person(s).</li> <li>2. Schedule issue before the Appeals Hearing Board (AHB).</li> <li>3. Notify EI to attend AHB to provide testimony.</li> </ul>

**Reporting**

Table 4 summarizes the reporting procedures for the O&M Verification Program for BMPs. The Environmental Inspector logs the inspection information on both the SCVURPPP Standard Stormwater Treatment BMP Inspection Data Collection Form and enters inspection results in a city designated database.

**Table 4: Reporting Procedure**

STEP	RESPONSIBILITY	ACTION
1	ESD – WE – Environmental Inspector	<ul style="list-style-type: none"> <li>1. Log inspection information using SCVURPPP Standard Stormwater Treatment BMP Inspection Data Collection Form.</li> <li>2. Transfer inspection data to EEDMS Database.</li> </ul>
2	ESD – UR	<ul style="list-style-type: none"> <li>1. Collect data from EE.</li> <li>2. Compile all inspection information annually and report in NRD Summary Tables of the Annual Report.</li> </ul>

**Table 5: Area of Concern (AOC) Frequency Inspection Table**

City Regulated Facilities	Frequency
The City of San Jose will conduct inspections of New and Redevelopment Projects as identified below:	
All New and Redevelopment Projects:	<ul style="list-style-type: none"> <li>2 or more AOCs over a five year period – inspect every year</li> <li>1 AOC over a five year period – inspect every two years</li> <li>0 AOC over a five year period – inspect every five years</li> </ul>
Facilities for which a referral or ICID complaint is received:	As soon as practicable for violations every year until they meet the above criteria.

**BMP O&M Verification Program**  
Location: UAV\_R\_M\_PINRDIO&M

<b>Sample Types of AOC's:</b>		<b>CHECK</b>
Not working/ Failed	Example: Significant Engineering Design Flaws such as it was misplaced by construction workers, water is not draining to it.	
Removed	Example: Home Owner Association (HOA) covered vegetation with impervious surface.	
Inoperable/ Damaged	Examples: <ul style="list-style-type: none"> <li>➤ Wrong type of vegetation</li> <li>➤ Eroded sides</li> <li>➤ Plants were not maintained</li> <li>➤ mowed or irrigated</li> <li>➤ Trash/ Debris</li> <li>➤ Obnoxious Odors</li> <li>➤ Sediment accumulations</li> <li>➤ Clogged or obstructed inlets</li> <li>➤ Soggy soil/ standing water</li> <li>➤ Mosquito habitat</li> </ul>	

Also see SCVURPPP Stormwater Treatment BMP Inspection Data Form

**List of Acronyms:**

- AOC: Area of Concern
- AHB: Appeals Hearing Board
- BMP: Best Management Practice
- CEA: Code Enforcement Administrator
- CES: Code Enforcement System
- EEDMS: Environmental Enforcement Data Management System
- EI: Environmental Inspector
- ESD: Environmental Services Department
- ESD-Senior: Senior Environmental Engineer in the Department
- ICID: Illicit Connection, Illegal Dumping
- IND: Industrial and Commercial Discharges
- PBCE: Public Building Code Enforcement
- PW: Public Works
- SCP: Stormwater Control Plan Sheet
- UR: Urban Runoff
- WE: Watershed Enforcement Section

## 4. CON: Construction Inspection

### 4.A CON Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
<b>CON 1</b>	<b>Site Housekeeping</b> The City ensures through a construction inspection program that construction contractors properly store, use, and dispose of construction materials, chemicals, and wastes at construction sites and prevent illicit discharges to storm drains and watercourses.			
CON 1.A	Track and document incidents of housekeeping issues at construction sites	Ongoing	Done FY 06-07 and ongoing. ESD, PW, and PBCE Building inspectors tracked and documented incidents of housekeeping issues at construction sites during FY 06-07 and these records are on file for review. ESD inspectors documented housekeeping issues at 40 sites, PW inspectors documented housekeeping issues at 76 sites, and Building inspectors documented housekeeping issues at 44 sites. Approximately 347 total housekeeping issues were found, with some sites having multiple issues. ESD inspectors documented 91 housekeeping issues, PW inspectors documented 131 housekeeping issues, and Building inspectors documented 125 issues.  PW New Development staff found similar housekeeping issues this FY compared to last FY. Issues included no cover on dirt stockpile/dumpsters, inadequate inlet protection, maintenance of rock construction entrances, maintenance of perimeter protection, improper installation of perimeter protection, and tracking of dust and mud on public streets.  PW Engineering and Construction Services staff found improper inlet protection, improper wash down of pavement or sidewalks, improper saw cutting operations, inadequate cover on stockpiles and/or dumpsters, tracking of mud on streets, and improper gutter cleaning.	PBCE-Bldg, PW, ESD-WE
<b>CON 2</b>	<b>Local Ordinance</b> For development projects with significant erosion potential and planned construction activity during the wet season, the City ensures, through a construction inspection program, that erosion and/or sediment control measures are implemented in accordance with local ordinances and project conditions of approval and maintained as needed during construction.			
CON 2.A	Maintain a program for identifying and conditioning projects with significant erosion potential and planned wet season activity.	Ongoing	Done FY 06-07 and ongoing. ESD, PW, and PBCE Building inspectors continued to implement a construction inspection program for identifying and conditioning projects with significant erosion potential and planned wet season activity.  PW conducted 81 pre-wet season active construction site	PW, PBCE-Bldg

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
			inspections, PBCE Building conducted 181 pre-wet season site inspections, and ESD Watershed Enforcement conducted 56 pre-wet season site inspections. A total of 318 pre-rainy season site inspections were conducted, which includes repeat visits to the same site.	
CON 2.B	Identify ordinance changes needed to conduct inspections.	As Needed	No changes to existing ordinances were required in FY 06-07.	PW, ESD-WE, PBCE-Bldg
<b>CON 3</b>	<b>Construction Inspection Frequency</b> The City inspects construction sites for adequacy of stormwater control measures. The frequency of inspections for active sites is at least once per month, or more frequently based on size of project, site conditions, precipitation, & project's potential impact on stormwater quality.			
CON 3.A	Maintain and update SOPs for construction inspection program.	As Needed	Done FY 06-07. SOPs were maintained and implemented for construction inspections. No updates were required.	PW, ESD-WE, PBCE-Bldg
CON 3.B	Document inspections of active construction sites.	Ongoing	Done FY 06-07. ESD, all PW Divisions, and PBCE Building inspectors documented inspections of active construction sites in San Jose that were subject to inspection during FY 06-07. These records are on file for review. PW inspected approximately 290 active construction sites and ESD Watershed Enforcement inspected approximately 71 sites.  The total number of inspections (including repeat inspections to same site) completed by ESD was approximately 267. PW conducted approximately 486 inspections.  In addition to the inspections listed above, PBCE Building inspectors incorporate stormwater inspections into their routine building inspections. Outcomes are documented only if stormwater issues are observed. 732 issues were documented out of the over 30,000 inspections PBCE – Building conducted in FY 06-07.	PW, ESD-WE, PBCE-Bldg
CON 3.C	Evaluate the effectiveness of the construction inspection program and make improvements, as necessary.	Annually	Done FY 06-07. The coordination meetings amongst PBCE - Building, ESD, and Public Works inspectors continue to be a valuable tool to maintain and improve communication and coordination amongst inspectors in all three departments. Meetings were held 10/20/2006, 1/31/2007, and 4/24/2007 amongst the citywide supervisors to discuss erosion and sediment control construction inspections, tracking data, and sharing information. Citywide trainings were given on erosion and sediment control activities at construction sites for PBCE Building, Public Works, and Environmental Services construction inspectors on October 11, 2006 and October 12, 2006. Approximately 100 inspectors attended.	PW, ESD-WE, PBCE-Bldg

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
			<p>BMP topics were discussed at PW and Building inspector staff meetings throughout the year. Short one topic BMP trainings were held several times during the wet season in the various construction inspection work groups. Approximately 136 PW and PBCE inspectors attended one or more of the 20 training sessions. Training continues to be an effective tool for informing inspectors of what to look for on construction sites. See Section 13.D: <i>Municipal Employee Training Summary</i>.</p> <p>ESD Watershed Enforcement inspectors continue to attend pre-construction meetings for public projects where they distribute and discuss erosion and sediment control BMPs with contractors and Public Works project staffs. These meetings help educate contractors on available BMPs to implement at construction sites.</p>	
<b>CON 4</b>	<p><b>Wet Season Preparation</b> Prior to the beginning of the wet season each year, the City inspects all sites requiring erosion and/or sediment control plans, to ensure that measures have been taken to minimize erosion and discharges of sediment from disturbed areas.</p>			
CON 4.A	Review and revise procedures for construction inspection staff regarding wet season construction requirements.	As Needed	<p>Done FY 06-07. Procedures for wet season preparation were reviewed and found to be adequate with no changes identified.</p> <p>Building inspection staff discussed the revised construction inspection procedures for building inspectors during the October 11 and October 12, 2006 erosion &amp; sediment control annual training for inspectors.</p>	PW-CFAS, PW-ECS, PW-TDS, PBCE-Bldg, ESD
CON 4.B	Document pre-season inspection of construction sites to ensure adequate implementation of winterizing BMPs prior to the wet season.	Ongoing	<p>Done FY 06-07 and ongoing. The City documented pre-season inspection of construction sites to ensure adequate implementation of winterizing BMP prior to the wet season was done.</p> <p>PW (all divisions) inspectors conducted 81 pre-wet season inspections, PBCE Building inspectors conducted 181 pre-season inspections, and ESD Watershed Enforcement inspectors conducted 56 pre-season inspections. A total of 318 pre-wet season inspections, which includes repeat visits to the same site, occurred before the official start of the rainy season (October 15, 2006).</p>	PW-CFAS, PW-ECS, PW-TDS
<b>CON 5</b>	<p><b>Inspection and Site Evaluation Follow-up</b> Construction sites with inadequate erosion/sediment controls are given verbal and/or written notice of the inadequacies, according to the City's enforcement procedures, and followed up with action(s) commensurate with the risk of pollutants entering City storm drains or waterways. Written notices and follow-up actions are tracked and summarized in the City's Annual Report to the Regional Board.</p>			
CON 5.A	Implement SOPs for follow-up actions and graduated levels of enforcement for construction sites.	Ongoing	Done FY 06-07 and ongoing. SOPs for follow-up actions and graduated levels of enforcement for construction sites	PW-CFAS, PW-ECS, PW-TDS, PBCE-Bldg,

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
			were implemented.	ESD
CON 5.B	Track and summarize notices and follow-up actions for annual reports.	Annually	Done FY 06-07. Public Works (all divisions) issued 158 verbal warnings, 21 official warning notices, and referred 6 cases to ESD for enforcement. PBCE Building issued 70 verbal warnings, 125 official warning notices, and referred 18 cases to ESD. ESD Watershed Enforcement issued 134 verbal warnings, 32 official warning notices, and 5 administrative actions with penalty and/or fine.	PW-CFAS, PW-ECS, PW-TDS, PBCE-Bldg, ESD
CON 5.B.1	Use revised erosion and sediment control checklist to better track warnings and required corrections given to construction site managers.	FY 06-07 Annually	Done FY 06-07. The form that was developed and used by all Public Works (TDS) inspectors in FY 05-06 to address issues related to construction site inspections was revised in FY 06-07. The revised form includes additional columns to track BMPs installed, additional guidance for checking wattles, and a "resolved" column to record whether or not an issue has been corrected. See CON 4.D for a copy of the revised form.	PW-TDS
<b>CON 6</b>	<b>Municipal Training</b> The City provides training annually to its construction inspection staff on inspection procedures, documentation, and enforcement related to stormwater pollution prevention. All inspectors receive training on the latest construction-related stormwater pollution prevention techniques and appropriate follow up actions at least once every two years. The City keeps documentation that inspectors have received training.			
CON 6.A	Develop an annual training plan for construction inspection program.	Annually, Q1	Done FY 06-07. See 13.D: <i>Municipal Employee Training Summary</i> .	ESD, PW, PBCE-Bldg
CON 6.B	Conduct annual training	Ongoing	Done FY 06-07. See 13.D: <i>Municipal Employee Training Summary</i> .	ESD, PW, PBCE-Bldg
CON 6.C	Track and document that inspectors have received training.	Annually	Done FY 06-07. See 13.D: <i>Municipal Employee Training Summary</i> .	ESD-UR
CON 6.D	Evaluate the training curriculum and frequency, and improvements, as necessary.	Annually	Done FY 06-07. The training curriculum and frequency were satisfactory. Staff identified the need for additional training on stormwater BMPs and conducted this training for all inspection groups during section meetings throughout FY 06-07 to supplement the main Fall training. Also see Section 13.D: <i>Municipal Employee Training Summary</i> .	ESD, PW, PBCE-Bldg
CON 6.D.1	Conduct additional stormwater BMP training for all inspection groups during section meetings throughout FY 06-07 to supplement the main Fall training.	FY 06-07 Ongoing	Done FY 06-07. See CON 3.C, CON 6.D, and 13.D: <i>Municipal Employee Training Summary</i> .	ESD-UR, ESD-WE
CON 6.E	Hold coordination meetings for Building, ESD, and Public Works	Ongoing	Done FY 06-07 and ongoing. See CON 3.C.	PW-CFAS, PW-ECS, PW-TDS, PBCE-Bldg, ESD-WE, ESD-UR
<b>CON 7</b>	<b>Outreach</b> The City provides outreach materials to contractors, developers, and municipal staff on construction BMPs and compliance with the State General Construction Activity Stormwater Permit.			

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
CON 7.A	Review outreach and technology transfer materials and make improvements, as necessary	Annually, Q4	Done FY 06-07. Construction BMP information blueprints and tri-folds in English, Spanish, and Vietnamese were distributed as needed in trainings, inspections, and are on permanent display in City Hall. See 14.D: <i>Outreach Materials Distributed</i> for details.	ESD, PW, PBCE-Bldg
CON 7.A.1	Reprint revised Dewatering from Construction Sites and In-Ground Utilities Maintenance Projects brochure.	FY 06-07 As Needed	Deferred to FY 07-08 to include any additional requirements from the MRP.	ESD-UR
CON 7.B	Conduct outreach sessions to development community.	Annually	Done FY 06-07. See 14.D: <i>PIP Activities</i> for details.	ESD, PW, PBCE-Bldg, Program
CON 7.C	Document outreach to development community.	Annually	Done FY 06-07. DPW and ESD inspectors continued to distribute BMPs to the development community during construction site inspections. Outreach materials were also given to development community representatives at training sessions and at permit service counters. See 14.D: <i>PIP Activities</i> and 14.D: <i>Outreach Materials Distributed</i> or details.	ESD-UR
CON 7.D	Evaluate outreach program and make improvements, as necessary.	Annually	Done FY 06-07. The City's outreach program continues to make improvements as needed. With inspections, meetings, and training sessions, the outreach for this program element includes significant face-to-face contact. Inspectors also distribute materials to developers and contractors as part of inspection. In FY 06-07, 150 signs were produced and will be posted at public projects during construction before the start of the rainy season in FY 07-08. This is part of a pilot program to give citizens an opportunity to notify project managers to address stormwater issues promptly. The City will review key BMP materials and make changes as needed in FY 07-08.	ESD, PW, PBCE-Bldg
CON 7.D.1	Print and distribute revised "Clean Bay Blueprint" to developers and City inspectors.	FY 06-07	Done FY 06-07. See 14.D: <i>Outreach Materials Distributed</i> for details.	ESD, PW, PBCE-Bldg
CON 7.D.2	Explore the use of construction site signs to alert site employees and the public of stormwater pollution prevention message and 945-3000 hotline information.	FY 06-07	Done FY 06-07 and ongoing. Signs were produced in FY 06-07 and will be piloted at select construction sites in FY 07-08. Evaluation of the pilot will occur after the signs are installed.	ESD, PW, PBCE-Bldg
<b>CON 8</b>	<b>Public Works Projects</b> The City will develop and implement a process to ensure that contractors hired to construct public works projects have adequate erosion control plans and use appropriate Best Management Practices (BMPs) adopted by the Department of Public Works.			
CON 8.A	Conduct training for Public Works capital improvement project staff (Architectural Engineering Design & Construction and Streets, Bridges & Sewers Design and Construction) on contract language, standard	Annually	Done FY 06-07. Training was developed and conducted on 03/28/07. See 13.D: <i>Municipal Employee Training Summary</i> . Name change from Architectural Engineering Design & Construction and Streets, Bridges & Sewers	PW-CFAS, PW-ECS, PW-TDS, ESD



ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
	specifications, & enforcement.		Design and Construction to City Facilities Architectural Services, Roads and Bridges, and Engineering and Construction Services.	
CON 8.B	Track the number of Public Works projects with these requirements.	Annually	Done FY 06-07. Tracked number of Public Works capital improvement projects to ensure erosion and sediment control language was included. Records are on file.	PW-CFAS, PW-ECS, PW-TDS
<b>CON 9</b>	<b>Construction Inspection Effectiveness Evaluation</b> The City of San José will review and evaluate effectiveness of its construction inspection SOPs and BMPs.			
CON 9.A	Evaluate and incorporate any needed improvements in construction inspection SOPs and BMPs.	Annually	Done FY 03-04. No changes required for FY 06-07.	PW-CFAS, PW-ECS, PW-TDS, PBCE-Bldg, ESD-WE, ESD-UR
CON 9.B	Document and evaluate what worked well and what needs improvement.	Annually	<p>Done FY 06-07. The communications and cooperation amongst Public Works, PBCE Building, and ESD Watershed Enforcement worked well. The citywide construction inspector's trainings held October 11-12, 2006, the monthly citywide construction supervisors meetings, and the training for all inspection groups during section meetings throughout FY 06-07 to supplement the main fall training played a big part in this improvement. The City will continue to conduct the inspector's training and hold supervisors meetings in FY 07-08.</p> <p>PW (TDS) inspectors continue to observe housekeeping problems at private development sites. Some of the problems included no cover on dirt stockpile/dumpsters, inadequate inlet protection, inadequate maintenance of rock construction entrances, inadequate maintenance of perimeter protection, and tracking of dust and mud on public streets.</p> <p>PW Engineering and Construction Services staff found improper inlet protection, improper wash down of pavement or sidewalks, improper saw cutting operations, inadequate cover on stockpiles and/or dumpsters, tracking of mud on streets, and improper gutter cleaning.</p> <p>City inspectors will continue to work with developers to ensure effective BMPs are implemented to prevent these housekeeping issues.</p> <p>Staff identified the need for additional training on stormwater BMPs, and will continue to conduct this training for all inspection groups during section meetings throughout FY 07-08 to supplement the main fall training.</p>	PW-CFAS, PW-ECS, PW-TDS, PBCE-Bldg, ESD-WE, ESD-UR
CON 9.B.1	Expand the number of sites with an inspector of record to capture more of the Type 1 and Type 2 sites (per	Ongoing	Done FY 06-07 and ongoing. PBCE Building Inspectors estimated they expanded the number of sites with an	PBCE-Bldg

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
	Public Work's designation)		inspector of record to capture more of the Type 1 and Type 2 sites (per Public Work's designation) as follows: a) 44 Type 1 sites and b) 125 Type 2 sites.	

#### **4.B CON Program Evaluation**

Several things worked well during the construction inspection process for FY 06-07. First, City inspectors and project managers attended several training sessions to improve their knowledge of erosion and sediment control practices. One-hundred PBCE Building, Public Works, and Environmental Enforcement inspectors attended a two-day annual training conducted by a consultant and City staff on 10/11/06 and 10/12/06. In December 2006, City staff attended trainings held by the Santa Clara Valley Urban Runoff Pollution Prevention Program and the Water Board for construction inspectors and project managers. In addition, approximately 32 CIP Public Works capital improvement project managers attended training in March 2007. This training help project managers and teams ensure erosion and sediment control measures are included on plans and specifications. The City also conducted short, focused stormwater BMP trainings for all inspection groups during their section meetings to supplement the main fall annual trainings. More than 150 Public Works and PBCE Building Inspectors and technical staff attended one or more of these 20 training sessions.

Second, Public Works made further revisions to the Erosion Control Report so that it is easier to use and the inspectors can better track the warnings. In the past, inspectors would issue a verbal warning to a site and then revisit the site later to see if the violation was corrected, but would not always fully document how the violation was corrected. In order to avoid this problem, the report will be kept until the problem has been resolved and the resolution has been documented. The revised report includes additional columns to track if BMPs were installed, additional guidance on checking wattles, and a "resolved" column to record whether or not an issue has been corrected. See CON 4.D for a copy of the revised form.

Third, the continued coordination meetings between construction supervisors of Public Works, PBCE Building, and Environmental Enforcement have helped improve communications between the three groups regarding erosion and sediment control activities at public and private construction sites. And while improved communication has helped improve inspection efforts, site conditions still show that continued attention is necessary to ensure stormwater issues are addressed. City staff will continue their commitment to quickly identify and correct areas of concern at constructions sites, thus reducing the need for elevated enforcement response and monetary penalties.

Based on evaluating the construction inspection program, staff has also identified several improvements for FY 07-08. The City began a pilot program to place "Protect the Bay – No Mud on the Street" signs on active construction sites, to see how successfully it works. This is part of a pilot program to give citizens an opportunity to notify project managers to address stormwater issues promptly. The City will evaluate this program and possibly expand it to other municipal construction project sites during FY 07-08.

Additionally, City staff plans to continue the short, focused stormwater BMP trainings for all inspection groups during their section meetings throughout FY 07-08 to supplement the main fall annual trainings. The City has also allocated funds in FY 07-08 for contractual support for two Construction Stormwater BMP Training Workshops for City staff. The City will also review key BMP materials and make changes as needed in FY 07-08.

#### **4.C CON Response to Water Board Comments**

No comments received from Water Board on this Program Element.

**4.D CON Summary Tables / Additional Information**

***Permits for Significant Development Projects<sup>1</sup> Reviewed and/or Approved July 1, 2006 – June 30, 2007***

<b>PROJECT NAME &amp; LOCATION</b>	<b>PROJECT TYPE</b>	<b>SITE SIZE (Ac OR S.F.)</b>	<b>AREA OF LAND DISTURBED (Ac)</b>	<b>PROJECT STATUS</b>	<b>STORMWATER CONTROL MEASURES INCLUDED IN PROJECT</b>	<b>REQUIREMENT MECHANISM</b>
<b><i>Department of Public Works, Airport Division</i></b>						
<b>Public Projects</b>						
Renzel Airfield Improvements 2005 1661 Airport Boulevard	Taxiway Y	35 Ac	35 Ac	Completed	Standard Construction Best Management Practices (BMPS) including sediment and erosion control	Silt fencing, sandbags, filter fabric, etc.
North Concourse Project 1661 Airport Boulevard	Terminal	7.5 Ac	3.9 Ac	Ongoing	Standard Construction Best Management Practices (BMPS) including sediment and erosion control	Silt fencing, sandbags, filter fabric, etc.
<b><i>Department of Public Works, Transportation &amp; Development Services Division</i></b>						
<b>Private Projects</b>						
Grading for KFC/A&W Project (PW # 3-00216 - Issued 08/17/06) East Side Of South Bascom Avenue, approximately 350 feet North of Camden Avenue	Non-Residential	0.54	0.54	Project accepted	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for SCVWD Water Quality Laboratory (PW # 3-01503 - Issued 10/17/06) East side of Almaden Expressway, approximately 540 feet southerly of Blossom Hill Road	Non-Residential	14.75	3.40	Construction completed	Stabilized construction entrance, inlet protection & sandbag barrier	Planning/grading permits, Follow SWPPP & Erosion Control Plan
Grading for Non-Residential Project (PW # 3-02020 - Issued 06/07/07) Southeast Corner of Coleman Avenue and Aviation Way	Non-Residential	6.18	6.18	On-going grading	Stabilized construction entrance, inlet protection, sediment basin & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for "The Plant" Commercial Development (Pw # 3-02172 - Issued 10/12/06) Northwest corner of Curtner Avenue and Monterey Highway	Non-Residential	58.40	55.40	Grading completed. Under construction	Stabilized construction entrance, inlet protection, fiber rolls & sediment basin	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for Excavation for Sports Complex for the Harker School (Pw # 3-02186 - Issued 06/08/07) Northeast Corner of Highway 280 and Saratoga Avenue	Non-Residential	10.33	7.00	Construction not started	Stabilized construction entrance, inlet protection, silt fencing, sediment barrier, concrete wash-out & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training

<sup>1</sup> Projects that have conditions created by land disturbance activities that require a grading permit, as defined by local ordinance, or by discharges of stormwater runoff over areas with erodible soils.

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Grading for Story Road Retail Site - Previous HP Warehouse (Pw # 3-02560 - Issued 09/20/06) North side of Story Road approximately 720 feet southwesterly of McLaughlin Avenue	Non-Residential	19.60	19.60	On-going grading	Stabilized construction entrance, inlet protection, fiber rolls & concrete wash-out	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for Tract No. 9850 - 34 Single-family detached residences (Pw # 3-02972 - Issued 12/11/06) South side of Rock Avenue, approximately 800 feet Westerly of Oakland Avenue	Residential	4.08	4.08	On-going grading	Stabilized construction entrance, inlet protection & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for Tract No. 9903 (Pw # 3-03364 - Issued 05/25/07) Southeast corner of Foxworthy and Leigh Avenues	Residential	1.67	1.67	Grading completed. Under construction	Plan under design	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading Remediation to remove underground tanks and return site to pre-existing conditions. (Pw # 3-03438 - Issued 06/04/07) Southwest corner of Meridian Avenue and Foxworthy Avenue (Chevron Usa Inc)	Non-Residential	0.35	0.35	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs
Replace existing natural turf soccer field, football field, and baseball field areas with new synthetic turf field for an existing secondary school (PW # 3-04527 - Issued 07/14/06) North and south sides of West Hedding Street, approx. 350 feet westerly of Stockton Avenue	Non-Residential	8.15	4.82	Construction completed	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Tract no. 9884 - 11 live-work units and 84 single-family attached residential units. (former Lou's Village) (PW # 3-04718 - Issued 02/02/07) north side of West San Carlos Street, 650 feet westerly of Meridian Avenue	Residential	4.95	4.95	On-going grading	Stabilized construction entrance, inlet protection, fiber rolls & concrete wash-out	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for Quinn Center (PW # 3-05646 - Issued 02/09/07) 620 Quinn Avenue	Non-Residential	2.40	1.20	Construction not started	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Tract no. 9870 - 53 multi-family attached residences (PW # 3-05843 - Issued 12/22/06) West side of Oakland Road, approximately 550 feet north of Rock Avenue	Residential	2.82	2.82	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs

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Grading for 202 SFD (PW # 3-06269 - Issued 08/18/06) Northeast corner of Samaritan Drive and Clydelle Avenue	Residential	11.70	11.70	Grading completed. Under construction	Stabilized construction entrance, inlet protection, silt fencing, fiber rolls & concrete wash-out	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for 59 SRO (PW # 3-06356 - Issued 06/04/07) West side of South 9th Street, approximately 90 feet southerly of East William Street	Residential	0.34	0.34	Construction not started	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Home Depot at Story Rd (PW # 3-06485 - Issued 11/29/06) Northeast corner of Story road and Mcginness Avenue (Home Depot)	Non-Residential	11.90	11.90	On-going grading	Stabilized construction entrance, inlet protection & silt fencing	Planning/grading permits, Follow SWPPP & Erosion Control Plan
Grading for Non-Residential Project (PW # 3-06557 - Issued 12/13/06) Northwest corner of Hostetter Road and Automation Parkway (Costco Wholesale)	Non-Residential	12.49	12.49	On-going grading	Stabilized construction entrance, inlet protection & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for retail commercial center (Pw # 3-06604 - Issued 01/24/07) southeast corner of North King Road and Mabury Road	Non-Residential	0.44	0.44	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Tract no. 9801 - 22 story residential high-rise (PW # 3-06653 - Issued 06/05/07) Northeast corner of Market & San Salvador Streets	Residential	1.02	1.02	Construction not started	Stabilized construction entrance, inlet protection & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for Phase 1 to demolish 52,000 sf retail and construct 40,118 sf of retail (PW # 3-07005 - Issued 06/12/07) Northeast corner of Old Tully Road and Monterey Highway	Non-Residential	4.11	2.29	Construction not started	Stabilized construction entrance, inlet protection, fiber rolls & concrete wash-out	Planning/grading permits, Follow SWPPP & Erosion Control Plan
FHC Parking Lot Reconfiguration - Kaiser Santa Teresa (PW # 3-07311 - Issued 03/13/07) Northeast corner of Santa Teresa Blvd. and Cottle Road	Non-Residential	2.46	0.34	Construction completed	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Non-Residential Project (PW # 3-07714 - Issued 02/23/07) East side of Senter Road, approximately 200 feet northwesterly of Quinn Avenue	Non-Residential	2.66	2.66	Grading completed. Under construction	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for New townhouse project (PW # 3-08120 - Issued 04/13/07) West side of Bundy Avenue approximately 65 feet northerly of Adra Avenue	Residential	0.27	0.27	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs

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Grading for Parking Lot, Cadence Office Building 10 (PW # 3-08243 - Issued 04/02/07) Northerly corner of Montague Expressway and Trimble Road	Non-Residential	27.00	13.68	On-going grading	Stabilized construction entrance, inlet protection & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for medical office parking lot (PW # 3-09446 - Issued 08/04/06) West side of Ciro Avenue approximately 400 feet south of Forest Avenue	Non-Residential	0.23	0.23	Project accepted	Standard BMPs	Planning/grading permits, Follow BMPs
Remediation for surface soil slippage (PW # 3-09509 - Issued 04/30/07) Silver Creek Valley Rd and San Felipe Rd (btwn), 1100' s/o Hillstone Dr	Non-Residential	3.61	0.33	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Tract no. 9926 - 18 single-family attached residences (PW # 3-09753 - Issued 06/19/07) North side of Rock Avenue, approximately 450 feet westerly of Oakland Road	Residential	1.02	1.02	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for new building (pw # 3-10059 - issued 09/18/06) North side of East Gish Road approximately 300 feet westerly of Oakland Road	Non-Residential	7.20	0.33	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Tract no. 9879 (PW # 3-12305 - Issued 03/05/07) West side of Boynton Avenue, approximately 520 feet northerly of Akron Way	Residential	0.27	0.27	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for 2268 Will Wool Drive (PW # 3-12558 - Issued 06/07/07) East side of Will Wool Drive approximately 400 feet north of Quinn Avenue	Non-Residential	1.76	1.50	Construction not started	Stabilized construction entrance & inlet protection	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for Sweet Tomatoes at San Jose Market Center (PW # 3-12873 - Issued 03/12/07) West side of Coleman Street, approximately 250 feet south of Seymour Street	Non-Residential	0.42	0.35	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Tract 9830 (PW # 3-13012 - Issued 12/14/06) Northwesterly side of Lewis Road approximately 210 feet southwesterly of Garden Avenue	Residential	5.65	5.65	Grading completed. Under construction	Stabilized construction entrance, inlet protection & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for church site (PW # 3-13192 - Issued 05/25/07) 1397 West Hedding Street	Non-Residential	1.18	0.26	Grading completed. Under construction	Standard BMPs	Planning/grading permits, Follow BMPs

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Grading for Non-Residential Project (PW # 3-13199 - Issued 03/07/07) East side of Francis Avenue, approximately 450 feet southerly of Patt Avenue	Non-Residential	1.13	1.13	On-going grading	Stabilized construction entrance, inlet protection & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for Rollin Ice site (PW # 3-13305 - Issued 08/03/06) Southwest corner of Hellyer Avenue and Embedded Way	Non-Residential	16.40	7.30	On-going grading	Stabilized construction entrance, inlet protection & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan
Grading for a new 9-car garage within 50 feet of top of back of SCVWD creek (PW # 3-13473 - Issued 10/23/06) South side of Margaret Street approximately 240 feet easterly of South 15th Street	Residential	0.14	0.14	Grading completed. Under construction	Stabilized construction entrance & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for residential project (PW # 3-13839 - Issued 03/21/07) Northeast corner of Fruitdale Avenue and Southwest Expressway	Residential	1.86	0.99	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for one single family detached residence (PW # 3-14038 - Issued 04/24/07) 6971 Hollow Lake Way	Residential	3.20	0.67	Grading completed. Under construction	Stabilized construction entrance, inlet protection, silt fencing, fiber rolls & concrete wash-out	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for one single family detached residence (PW # 3-14049 - Issued 11/01/06) East side of Hollow Lake Way, approximately 500 feet south of Quail Crest Way	Residential	0.58	0.37	Construction completed	Stabilized construction entrance, silt fencing & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for Hitachi demolition (PW # 3-14641 - Issued 07/26/06) Area generally bounded by Cottle Road, Monterey Highway, Highway 85 and Manassas Rd	Residential	110.00	110.00	On-going grading	Stabilized construction entrance, inlet protection & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for future new public streets and public parks (PW # 3-14641 - Issued 10/27/06) Area generally bounded by Cottle Road, Monterey Highway, Highway 85 and Manassas Rd	Residential	154.00	44.80	On-going grading	Stabilized construction entrance, inlet protection, fiber rolls & tire wash area	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training

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Grading for the Industrial Core (PW # 3-14641 - Issued 10/27/06) Area generally bounded by Cottle Road, Monterey Highway, Highway 85 and Manassas Rd	Non-Residential	158.33	7.25	On-going grading	Stabilized construction entrance, inlet protection & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for a parking lot (PW # 3-15301 - Issued 06/12/07) North side of Bassett Street, approximately 800 feet west of Terraine Street	Non-Residential	0.55	0.20	Construction not started	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Tract 9826 (PW # 3-15694 - Issued 8/29/2006) Northeast corner of East Julian Street and North First Street	Residential	0.63	0.63	Grading completed. Under construction	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for new SFD (PW # 3-15891 - Issued 03/26/07) South terminus of Cortona Court approximately 520 feet southerly of Cortona Drive	Residential	0.44	0.34	Grading completed. Under construction	Stabilized construction entrance, inlet protection, fiber rolls & concrete wash-out	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for Residential Project (PW # 3-15963 - Issued 01/09/07) East side of Meridian Way 30 feet southerly of Paula Street	Residential	1.67	1.67	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for two phases: Savona and Siena sites (PW # 3-16147 - Issued 11/29/06) Southwest corner of Monterey Road and Goble Lane	Residential	5.55	5.55	Grading completed. Under construction	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for 19 single family detached residences (PW # 3-16360 - Issued 10/02/06) Falcon Court	Residential	3.34	3.34	Grading completed. Under construction	Stabilized construction entrance, inlet protection & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for Edenvale Supportive Housing Project (PW # 3-16400 - Issued 09/06/06) East side of Monterey Highway, approximately 950 feet northerly of Blossom Hill Road	Residential	0.45	0.45	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Tract 9531 - Phase 1 - lots 86-93 (PW # 3-16566 - Issued 03/15/07) North side of Aborn Road, approximately 1000 feet east of Altamara Avenue	Residential	2.10	2.10	On-going grading	Stabilized construction entrance, inlet protection & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training



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Grading for Phase II Tract 9531 (PW # 3-16566 - Issued 05/07/07) North side of Aborn Road approximately 1000 feet east of Altamara Avenue	Residential	13.00	10.80	On-going grading	Stabilized construction entrance, inlet protection & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan
Grading for one story retail building (PW # 3-16604 - Issued 06/06/07) Southwest corner of McKee Road and Vista Avenue	Non-Residential	0.36	0.36	Construction not started	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Tract 9725 - 10 unit subdivision (PW # 3-16690 - Issued 10/10/06) Southeast corner of South 2nd Street and East Virginia Street	Residential	0.40	0.40	Grading completed. Under construction	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Tract 9730 Emerald Heights - 6 new SFR detached (PW # 3-16701 - Issued 07/21/06) South side of Mount Pleasant Road approximately 250 feet northerly of Marten Avenue	Residential	0.72	0.63	Construction not started	Stabilized construction entrance, inlet protection, fiber rolls & concrete wash-out	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for Tract 9811 - Stonebridge Court (PW # 3-16719 - Issued 01/12/07) Westerly terminus of Delmas Avenue and Dorothy Avenue	Residential	0.91	0.70	Grading completed. Under construction	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Tract no. 9881 - 12 townhomes (PW # 3-16740 - Issued 01/16/07) Southeast side of Tierra Encantada Way approximately 150 feet east of McCreery Avenue	Residential	0.51	0.51	Grading completed. Under construction	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Kim's Plaza (PW # 3-16775 - Issued 12/12/06) 1145 Story Road	Non-Residential	0.84	0.84	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Tract no. 9837 - 10 SFD (PW # 3-16789 - Issued 01/17/07) West side of Delmas Avenue, approximately 170 feet north of Dorothy Avenue	Residential	0.89	0.89	Construction not started	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Residential project (PW # 3-16804 - Issued 09/08/06) East side of Page Street, approximately 460 feet northerly of Chiechi Avenue	Residential	0.25	0.25	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for 56 single-family attached residences (PW # 3-16828 - Issued 11/28/06) East side of Almaden Road across from the intersection with Malone Road	Residential	2.33	2.33	Grading completed. Under construction	Stabilized construction entrance, inlet protection, silt fencing & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training

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<b>PROJECT NAME &amp; LOCATION</b>	<b>PROJECT TYPE</b>	<b>SITE SIZE (Ac OR S.F.)</b>	<b>AREA OF LAND DISTURBED (Ac)</b>	<b>PROJECT STATUS</b>	<b>STORMWATER CONTROL MEASURES INCLUDED IN PROJECT</b>	<b>REQUIREMENT MECHANISM</b>
Grading for Tract no. 9840 - 89 multi-family attached residential units (PW # 3-16843 - Issued 11/01/06) Southwest corner of Capitol Avenue and Mabury Road	Residential	10.00	6.40	On-going grading	Stabilized construction entrance, inlet protection, straw wattles, sediment basin & hydroseeding	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for Tract no. 9828 - 4 sfr-detached (PW # 3-16844 - Issued 09/25/06) North side of Villa Avenue, 150 feet easterly of Myrtle Street	Residential	0.37	0.37	Grading completed. Under construction	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Tract no. 9855 (PW # 3-16851 - Issued 01/25/07) West side of Curtiss Avenue, approximately 350 feet southerly of Willow Street	Residential	0.39	0.39	Grading completed. Under construction	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for 5 SFA units (PW # 3-16857 - Issued 10/24/06) South side of Curtner Avenue, approximately 250 feet westerly of Joseph Avenue	Residential	0.34	0.34	Grading completed. Under construction	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Tract no. 9890 - 14 SFD (PW # 3-16888 - Issued 04/20/07) South side of Fleming Avenue, approximately 1,032 feet southeast of Alum Rock Avenue	Residential	2.66	2.35	On-going grading	Stabilized construction entrance, inlet protection, sediment trap & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for Tract no. 9863 - Grandview Terrace, 46 multi-family units (PW # 3-16901 - Issued 11/16/06) northeast corner of North Capitol Avenue and Grandview Drive	Residential	1.96	1.96	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for water tank (PW # 3-16921 - Issued 08/30/06) East side of Little Orchard Street	Non-Residential	5.20	0.35	Construction completed	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for one new single family residence on a vacant lot (PW # 3-16929 - Issued 07/13/06) West side of Pleasant Crest Drive, approximately 180 feet northerly of West View Drive	Residential	0.56	0.20	On-going grading	Stabilized construction entrance, inlet protection, fiber rolls & concrete wash-out	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
On-site grading associated with construction of 2 SFA and 2 SFD (PW # 3-16937 - Issued 03/16/07) West side of South Cypress Avenue, approximately 400 feet southerly of Stevens Creek Boulevard	Residential	0.21	0.21	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs

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<b>PROJECT NAME &amp; LOCATION</b>	<b>PROJECT TYPE</b>	<b>SITE SIZE (AC OR S.F.)</b>	<b>AREA OF LAND DISTURBED (AC)</b>	<b>PROJECT STATUS</b>	<b>STORMWATER CONTROL MEASURES INCLUDED IN PROJECT</b>	<b>REQUIREMENT MECHANISM</b>
Grading of new lot created by 2 lot subdivision (PW # 3-16938 - Issued 10/03/06) southeast corner of Garden Avenue and Southside Drive	Residential	0.32	0.32	Construction not started	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Tract no. 9856 - 5 single family homes (PW # 3-16945 - Issued 12/18/06) Southeast corner of New Jersey Avenue and Harris Avenue	Residential	0.72	0.30	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Tract no. 9895 - 16 lot subdivision (PW # 3-16961 - Issued 03/08/07) South side of Paula Street, approximately 160 feet easterly of Meridian Way	Residential	0.71	0.75	On-going grading	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for Non-Residential Project (PW # 3-16981 - Issued 09/22/06) West side of South 10th Street, approximately 550 feet northerly of Burke Street	Non-Residential	3.92	0.19	Grading completed. Under construction	Standard BMPs	Planning/grading permits, Follow BMPs
Grading for 24,000 sf of commercial buildings (PW # 3-16982 - Issued 05/14/07) Southeasterly side of Silver Creek Valley Road, and at the south terminus of Fontanoso Way	Non-Residential	2.18	2.18	On-going grading	Stabilized construction entrance, inlet protection, sediment barrier & fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/ developer/consultant/contract or attend PW Erosion/ Sediment Control Training
Grading for 9,900 sf retail building (PW # 3-18113 - Issued 05/14/07) Southeast corner of West Alma Avenue and Almaden Expressway	Non-Residential	0.58	0.58	Construction not started	Standard BMPs	Planning/grading permits, Follow BMPs
<b>Department of Public Works, Transportation &amp; Development Services Division</b>						
<b>Public Projects</b>						
Backesto Park Pedestrian Street Lighting Improvements	Electrical	400 s.f.	400 s.f.	Completed/ Accepted	Yes, Included in P.S.&E.	Followed BMP for Erosion control and Sediment for Monthly Inspection, SWPPP
Burbank/Del Monte & Delmas Park Pedestrian Improvement Project	Public	1.1 ac.	0	Complete	Standard BMPs	Follow BMPs
Greater Gardner St. Reconstruction – Spencer Ave/Brown St. (W. Virginia St. to Minor Ave)	Street Improvement	1.2 ac.	0	Construction	Yes	Followed BMP for Erosion & Sediment for Monthly Inspection
Greater Gardner St. Reconstruction – W. Virginia St. (Delmas Avenue to HWY 87)	Street Improvement	13,420 s.f.	0	Construction	Yes	Followed BMP for Erosion & Sediment for Monthly Inspection
Lucretia Avenue Widening (Story Road to Phelan Avenue)	Street Improvement	1.3 ac.	36,400 s.f.	Complete	Yes	Followed BMP for Erosion & Sediment for Monthly Inspection
Oakland Road Widening form Commercial Street to Montague	Public	38	2.1	Project on-going	Standard BMPs	Follow BMPs Mainly sediment control

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Park Avenue Streetscape Improvements	Landscape	400 s.f.	200 s.f.	Substantially complete	Yes, Included in P.S.&E.	Followed BMP for Erosion control and Sediment for Monthly Inspection, SWPPP
Prevost Street Project (Fuller Avenue to W. Virginia Street)	Public	1.49 ac.	0.18	Construction completed	Standard BMPs	Follow BMPs
Senter Road Widening Project-Phase II (From Tully Road to Singleton Road)	Public	5.55 ac.	0.6	Project on-going	Standard BMPs	Follow BMPs, SWPPP
STP Street Resurfacing/Rehab Project (Citywide)	Public	49,469 s.f.	0	In construction	Standard BMPs	Follow BMPs SWPPP
Taylor Street: First Street to Coleman Avenue	Public	3.31	0.26	Completed	Standard BMPs	Follow BMPs Monthly Sediment Control
Union Avenue At Los Gatos Almaden Road	Street Improvement	0.62	0.11	Completed	Standard BMPs	Follow BMPs Monthly Sediment control
Zanker Road Median Island Improvements	Street Improvement	24,000 s.f.	21,000 s.f.	Substantially complete	Yes, Included in P.S.&E.	Followed BMP for Erosion control and Sediment for Monthly Inspection, SWPPP
<b>Department of Public Works, Engineering and Construction Services Division</b>						
<b>Public Projects</b>						
No projects to report FY 06-07						
<b>Department of Public Works, City Facilities Architectural Services Division</b>						
<b>Public Projects</b>						
Evergreen Branch Library 2635 Aborn Rd.	Library	2.5 Ac	2.5 Ac	Construction completed	SWPPP in place – stormwater controls, material protection, storage, cleaning, erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training	SWPPP
Edenvale Branch Library 101 Branham Lane East	Library	2 Ac	2 Ac	Under construction	SWPPP in place – stormwater controls, material protection, storage, cleaning, erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training.	SWPPP
Luna Turnkey Park Old Berryessa and Oakland Road	Recreation	9.6	7.2	Under Construction	SWPPP in place – stormwater controls, material protection, storage, cleaning, erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training	SWPPP
4 <sup>th</sup> /5 <sup>th</sup> Street Garage Santa Clara St., 4 <sup>th</sup> St., 5 <sup>th</sup> St.	Governmental	1.2 Ac	1.2 Ac	Construction completed	Construction Complete – Notice of Termination Filed	SWPPP

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<b>PROJECT NAME &amp; LOCATION</b>	<b>PROJECT TYPE</b>	<b>SITE SIZE (Ac OR S.F.)</b>	<b>AREA OF LAND DISTURBED (Ac)</b>	<b>PROJECT STATUS</b>	<b>STORMWATER CONTROL MEASURES INCLUDED IN PROJECT</b>	<b>REQUIREMENT MECHANISM</b>
Central Service Yard – Phase 2 1659 Senter Rd.	Governmental	22 Ac	7.4 Ac	Construction completed	Construction Complete – Notice of Termination Filed	SWPPP
Almaden Lake Park, Phase 2 Project Almaden Expressway and Coleman Road	Recreational	69.4 Ac	0.96 Ac	Construction pending	SWPPP in place – stormwater controls, material protection, storage, cleaning, erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training.	SWPPP
Calabazas Park BMX Site Rainbow Drive and Blaney Avenue	Recreational	2.99 Ac	1.9 Ac	Construction completed	Construction complete-Notice of Termination to be filed.	SWPPP
Mayfair Community Center 2039 Kammerer Ave.	Community Center	4.56 AC	1.2 AC	Under construction	SWPPP in place – stormwater controls, material protection, storage, cleaning, erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training	SWPPP
Fire Station No. 34	Government	1.03 AC	1.03 AC	Under construction	SWPPP in place – stormwater controls, material protection, storage, cleaning, erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training	SWPPP
Fire Station No. 35	Government	.91 AC	.91 AC	Under construction	SWPPP in place – stormwater controls, material protection, storage, cleaning, erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training	SWPPP
Willow Glen Branch Library 1157 Minnesota Ave	Library	1.00 AC	1.00 AC	Under construction	SWPPP in place – stormwater controls, material protection, storage, cleaning, erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training	SWPPP
Pearl Avenue Branch Library 4270 Pearl Ave	Library	1.14 AC	1.14 AC	Under construction	SWPPP in place – stormwater controls, material protection, storage, cleaning, erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training	SWPPP

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PROJECT NAME & LOCATION	PROJECT TYPE	SITE SIZE (Ac OR S.F.)	AREA OF LAND DISTURBED (Ac)	PROJECT STATUS	STORMWATER CONTROL MEASURES INCLUDED IN PROJECT	REQUIREMENT MECHANISM
Joyce Ellington Branch Library	Library	0.90 Ac	0.90 AC	Under construction	SWPPP in place – stormwater controls, material protection, storage, cleaning, erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training.	SWPPP
Hillview Branch Library 1600 Hopkins Dr.	Library	2.5 Ac	2.5 Ac	Construction completed	Construction complete – Notice of Termination filed.	SWPPP
Penitencia Creek Trail Reach 2 Piedmont Rd. (west), Nobel Ave. (north & east), Penitencia Creek Rd. (south)	Recreational	26 Ac	10.7 Ac	Construction completed	Construction complete. Notice of Termination filed.	SWPPP
Bellevue Park Bellevue Ave. and Ponomo Ave.	Recreational	2 Ac	2 AC	Construction complete	Construction complete. Notice of Termination filed.	SWPPP
Los Gatos Creek Trail Reach 4 (Lonus to Auzerais) Los Gatos Creek from Lonus Ave. to Auzerais	Recreational	23 Ac	1.1 Ac	Under construction	SWPPP in place – stormwater controls, material protection, storage, cleaning. Erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training.	SWPPP
Fire Station No. 25 Phase 2 2125 Wilson Way	Government	7 Ac	4.5 Ac	Under construction	SWPPP in place – stormwater controls, material protection, storage, cleaning. Erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training.	SWPPP
Cambrian Branch Library 1780 Hillsdale Ave.	Library	1.6 Ac	1.3 Ac	Construction completed	Construction complete. Notice of Termination filed.	SWPPP
Evergreen Branch Library 2635 Aborn Rd.	Library	2.5 Ac	2.5 Ac	Construction completed	SWPPP in place – stormwater controls, material protection, storage, cleaning, erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training	SWPPP
Roosevelt Community Center 901 E. Santa Clara St.	Community Center	13.15 AC	3.86 AC	Under construction	SWPPP in place – stormwater controls, material protection, storage, cleaning, erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training	SWPPP

<b>PROJECT NAME &amp; LOCATION</b>	<b>PROJECT TYPE</b>	<b>SITE SIZE (AC OR S.F.)</b>	<b>AREA OF LAND DISTURBED (AC)</b>	<b>PROJECT STATUS</b>	<b>STORMWATER CONTROL MEASURES INCLUDED IN PROJECT</b>	<b>REQUIREMENT MECHANISM</b>
Fowler Creek Park Development Phase 1 Altia Ave. and Michelangelo Dr.	Recreation	12 AC	10 AC	Under construction	SWPPP in place – stormwater controls, material protection, storage, cleaning, erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training	SWPPP
Lake Cunningham Regional Park Perimeter Landscaping Phase 3 Capitol Expwy, and Cunningham Ave.	Recreation	3 AC	3 AC	Under construction	SWPPP in place – stormwater controls, material protection, storage, cleaning, erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training	SWPPP
<b><i>San José Redevelopment Agency</i></b>						
<b>Public Projects</b>						
Responsibility for San José Redevelopment Agency projects was transferred to Public Works						

Erosion Control Report



PUBLIC WORKS DEPARTMENT  
TRANSPORTATION AND DEVELOPMENT SERVICES DIVISION  
EROSION CONTROL REPORT

PROJECT NO. & LOCATION \_\_\_\_\_ DATE: \_\_\_\_\_

INSPECTOR: \_\_\_\_\_ Responsible Person/24-Hour Number: \_\_\_\_\_

REGULAR INSPECTION  PRE-RAIN INSPECTION  AFTER-RAIN INSPECTION   
*IF PROBLEMS NOTED KEEP THIS REPORT UNTIL RESOLVED OR REFERRED TO ESD ATTACH COPY OF WRITTEN WARNING & PHOTOS*

EROSION CONTROL PLAN ON FILE? YES <input type="checkbox"/> NO <input type="checkbox"/>	INSTALLED		EVIDENCE OF EROSION		RESOLVED ?		WRITTEN WARNING		DATE REFERRED TO ESD
	YES	NO	YES	NO	YES	NO	RESOLVED? DATE	NO	
HYDROSEEDING OR 3-STEP METHOD									
MATTING/EROSION CONTROL BLANKETS - **REINSTALL IF DISLOCAED OR FAILED									
STABILIZED CONSTRUCTION ACCESS - **CHECK FOR TRACKING OF MUD/DIRT ONTO STREETS, SIDEWALK, ETC.									
STRAW BALE INLET BARRIER									
SILT FENCE - **CHECK FOR TORN OR COLLAPSED AREAS									
SEDIMENT TRAP									
SEDIMENT BASINS - **CHECK SEDIMENT STORAGE ZONE **CHECK THAT DEBRIS HAS BEEN REMOVED FROM OUTFALL									
WATTLES **CHECK MIN. 3" ENTRENCHMENT									
CATCH BASIN PROTECTION **GLASSY SACKS WITH 1-1/2" - 2" RIVER RUN ROCK **REPLACE CLOGGED FILTER FABRIC IMMEDIATELY									

ADDITIONAL COMMENTS

EROSION CONTROL REPORT (REV. 9/25/06)



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## 5. PSR: Public Streets, Roads, & Highways

### 5.A PSR Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
<b>PSR 1</b>	<b>Implementation of BMPs</b> The City of San José will implement Best Management Practices (BMPs) for street, road, and highway operation and maintenance (O&M) activities to reduce pollutants in stormwater and eliminate illicit discharges to the maximum extent practicable.			
PSR 1.A	Develop additional BMPs, as needed, when new O&M tasks are instituted.	As Needed	No additional BMPs were developed in FY 06-07.	DOT, ESD
PSR 1.B	Develop SOPs based on BMPs.	As Needed	No new SOPs were written for PSR and SDO elements.	DOT, ESD
PSR 1.C	When new BMPs and SOPs are developed, integrate BMPs and SOPs into training program.	As Needed	Done FY 06-07. See PSR 1.C.1	DOT, ESD
PSR 1.C.1	Include SOPs listed in PSR 1.D.1 and developed in FY 05-06 into the FY 06-07 training program.	FY 06-07	Done FY 06-07. SOPs listed in PSR 1.D.1 were included in the FY 06-07 training program.	ESD
PSR 1.D	Staff will review current PSR and SDO BMPs and SOPs. The annual training sessions with staff will be used as an opportunity to evaluate the effectiveness of BMPs and SOPs. BMPs and SOPs will be updated as indicated by the review.	Done FY 04-05 Annually	Done FY 06-07. The current review in the annual training indicated that no new SOPs are necessary.	DOT, ESD
PSR 1.D.1	Revise or write the following SOPs: <ul style="list-style-type: none"> <li>• Sidewalk/Plaza Maintenance: Cleaning, concrete installation and replacement, surface removal and repair;</li> <li>• Bridge and Structure Maintenance: Painting and paint removal, repair work, and graffiti removal;</li> <li>• Median and Road Embankment Maintenance;</li> <li>• Storm Drain Inlet Cleaning;</li> <li>• Storm Drain Line Cleaning;</li> <li>• Management of Storm Drain System Solid Waste;</li> <li>• Pump Station Inspection and Cleaning;</li> <li>• Drainage Ditch Cleaning.</li> </ul>	Done FY 05-06	Done FY 05-06.	DOT, ESD, PRNS
PSR 1.D.2	Include a check box on the WE ICID inspection report form to indicate whether the responsible party in a stormwater complaint is a City employee.	FY 06-07 Ongoing	Due to technical requirements, it was not feasible to include a check box in the WE ICID inspection report form in FY 06-07. This task will be carried over into the FY 07-08 work plan. Inspectors will track this information manually and forward the information to the ESD-UR section for appropriate action.	ESD
PSR 1.D.3	In response to stormwater complaints involving a City employee conducting PSR and SDO O&M activities, the	FY 06-07 Ongoing	Done FY 06-07. No complaints involving City employees conducting PSR and SDO O&M activities were received.	DOT, GS, PRNS, ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
	supervisor for the City employee involved in the complaint will be notified.			
<b>PSR 2</b>	<b>Contractor Use of BMPs</b> The City of San José will develop and implement a process to ensure that contractors employed to perform street, road, and highway O&M activities use appropriate BMPs per URMP.			
PSR 2.A	Train contract managers for public street, road, and highway O&M contracts on related stormwater BMPs annually.	Annually	Done FY 06-07. Contract manager training was held on 6/26/07.	DOT, ESD
PSR 2.A.1	Include a check box on the WE ICID inspection report form to indicate whether the responsible party in a stormwater complaint is a City contractor.	FY 06-07 Ongoing	Due to technical requirements, it was not feasible to include a check box in the WE ICID inspection report form in FY 06-07. This task will be carried over into the FY 07-08 work plan. Inspectors will track this information manually and forward the information to the ESD-UR section for appropriate action.	ESD
PSR 2.A.2	In response to stormwater complaints involving City contractors conducting PSR and SDO O&M activities, the contract manager for the City contract involved in the complaint will be notified.	FY 06-07 Ongoing	Done FY 06-07. The City received no complaints regarding contractors conducting PSR O&M activities for the City. See 5.B: <i>PSR Program Evaluation</i> for summary of complaint.	DOT, GS, PRNS, ESD
PSR 2.B	Develop standard contract language for PSR maintenance activities.	Done FY 05-06	Done FY 05-06.	DOT, ESD
PSR 2.B.1	Send letters to City contractors conducting PSR and SDO O&M activities with a reminder to use appropriate BMPs while conducting their work.	FY 06-07	Not completed in FY 06-07. A letter was drafted in July 2007 and will be mailed to City contractors conducting PSR and SDO O&M activities in August 2007.	DOT, GS, PRNS, ESD
<b>PSR 3</b>	<b>City Staff Annual Training</b> The City of San José will provide annual training to its municipal staff in the use of appropriate BMPs. The City will also provide a mechanism for obtaining feedback from staff on the implementation and effectiveness of the BMPs and Control Measures.			
PSR 3.A	Identify training goals, such as improving the focus of the training on the specific BMPs used by a section; integrating new BMPs, if any; etc.	Annually	Done FY 06-07. DOT crew supervisors chose 2-3 BMPs specific to their particular crew's work for the focus of this year's annual training.	DOT, ESD
PSR 3.B	Identify training opportunities (which could include tailgate meetings and other existing training).	Annually, Q4	Done FY 06-07. Training opportunities were identified throughout the year for various City departments.	DOT, ESD
PSR 3.C	Create or revise training modules for affected City staff and contractors.	As needed	Done FY 06-07. The DOT crew training was revised to focus on the 2-3 BMPs chosen by each supervisor for their particular crew.	DOT, ESD
PSR 3.C.1	Add specific components from DOT Electrical Crew training module to the general DOT Street Crew training module. These components include: asphalt/concrete removal, concrete installation and repair, and mercury lamp recycling and/or disposal.	Done FY 05-06	Done FY 05-06.	ESD
PSR 3.D	Create or revise collateral material based on training modules.	As needed	Done FY 06-07. Training presentations were revised based on the BMPs chosen for each particular crew.	DOT, ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
PSR 3.E	Schedule training with affected supervisors.	Annually	Done FY 06-07. DOT inlet cleaning crews training was scheduled with supervisors in August 2006. RPW training was scheduled in September 2006 for Park Rangers. Training for DOT street maintenance crews was scheduled with supervisors in May 2007.	DOT, ESD
PSR 3.E.1	Develop and implement a new training module specifically for DOT electrician staff.	Done FY 04-05	Done FY 04-05.	DOT, ESD
<b>PSR 4</b>	<b>Notification of Public Agencies</b> The City of San José will inform other parties (e.g., CalTrans, the County of Santa Clara, and public utilities) conducting street, road, and highway O&M activities within its jurisdiction of the requirements to implement pollutant reduction BMPs and Control Measures in stormwater to the maximum extent practicable and eliminate illicit discharges.			
PSR 4.A	Identify conditions under which another agency will be notified regarding relevant stormwater requirements.	Done FY 02-03	Done prior to FY 02-03. The City notifies other agencies conducting street, road, and highway O&M activities within its jurisdiction of the requirements to implement BMPs and Control Measures on a complaint driven basis. When a complaint is received, a Watershed Enforcement Inspector investigates the complaint and educates the agency on proper BMPs and Control Measures; a citation is issued if necessary. For each complaint the City received involving other agencies in FY 06-07, Watershed Enforcement investigated the complaint and educated the agency contacts on proper BMPs and control measures to be used when conducting PSR O&M activities within the City. In FY 06-07, the City also sent letters to other agencies - see PSR 4.A.2.	ESD
PSR 4.A.1	Include a check box on the WE ICID inspection report form to indicate whether the responsible party in a stormwater complaint is another agency.	FY 06-07	Due to technical requirements, it was not feasible to include a check box in the WE ICID inspection report form in FY 06-07. This task will be carried over into the FY 07-08 work plan. Inspectors will track this information manually and forward the information to the ESD-UR section for appropriate action.	ESD
PSR 4.A.2	The City will send letters to other agencies that conduct PSR O&M activities within its jurisdiction informing them of the requirement to implement appropriate BMPs and control measures while conducting their work.	FY 06-07	Done FY 06-07. A letter was sent on June 29, 2007 to other agencies that conduct PSR O&M activities within the City's jurisdiction informing them of the requirement to implement appropriate BMPs and control measures while conducting their work.	ESD-WE
<b>PSR 5</b>	<b>BMP Effectiveness Reviews</b> As part of the annual review process, the City of San José will review and evaluate the effectiveness of its BMPs in reducing pollutants in stormwater and eliminating illicit discharges. The review and evaluation will include input from the municipal maintenance staff that implement the BMPs.			
PSR 5.A	Draft procedure for annual effectiveness reporting, including sub-procedures for gathering feedback from affected supervisors and for modifications to BMPs and	Done FY 01-02	Done FY 01-02.	DOT, ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
	SOPs as necessary.			
PSR 5.A.1	Review procedures for annual effectiveness evaluation. Consider obtaining feedback from supervisors on how to assess BMP effectiveness and the use of training sessions with staff as an opportunity to evaluate BMPs and SOPs.	Annually	Done FY 06-07. The annual DOT Stormwater BMP and SOP training was conducted in June 2007. Both DOT crews and supervisors attended the training conducted in June. PSR & SDO BMPs and SOPs were reviewed and feedback was requested during the training sessions. Written evaluations for the training were also distributed. Feedback received from both sources indicated that the existing BMPs and SOPs are effective and no modifications were necessary in FY 06-07. See 5.B: <i>PSR Program Evaluation</i> for the summary of training evaluation data.	DOT, ESD
PSR 5.B	Conduct evaluation of BMPs and SOPs.	Annually	Done FY 06-07. Eight SOPs were reviewed – revisions will be made in FY 07-08 according to comments received.	DOT, ESD
PSR 5.C	Expand parking restriction signage and enforcement for street sweeping by 40 curb miles.	FY 06-07	Done FY 06-07. The parking restriction signage and enforcement for street sweeping was expanded by 43 curb miles.	DOT
PSR 5.D	Collect street sweeping data: volume and/or weight of debris collected, curb miles swept, and estimated percentage of leaves in yard trimmings collection program.	Ongoing [See CNAP CB-11]	Done FY 06-07 and ongoing. The volume and/or weight of street sweeping debris collected, curb miles swept, and estimated percentage of leaves in yard trimmings collection program were collected.	DOT, ESD
<b>PSR 6</b>	<b>Rural Public Works Maintenance and Support Activities</b> The City will extend its control measure strategy for PSR to address water quality impacts resulting from public works maintenance and support activities in rural areas.			
PSR 6.A	Identify City-owned properties that are applicable (under the RPW performance standard).	Ongoing	Done FY 06-07 and ongoing. A list of rural roads within the City was compiled. See 5.D: <i>PSR Summary Tables / Additional Information</i> for the list of rural roads within San Jose. The list was manually compiled by using storm sewer maps, the Santa Clara County Street Guide and Directory (2004 Edition), and field inspection of a list of potential rural roads.  Some of the rural roads listed have portions that are within City limits and portions that are in Unincorporated Areas. In FY 07-08, it will need to be determined exactly which portions of these roads fall within the City's limits.	ESD, PRNS, DOT, GS
PSR 6.A.1	Re-evaluate the feasibility of using GIS information to identify additional applicable properties, if any.	Done FY 05-06	Done FY 05-06. First evaluated in FY 03-04, the use of GIS information for identifying additional applicable rural public works facilities was found infeasible using available data and resources. No changes specific to criteria used to identify rural public works facilities have been made in the GIS information collected by the City, therefore it was	PRNS, GS, DOT, ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
			still not feasible to use this information to identify additional applicable properties in FY 05-06.	
PSR 6.B	Develop or adapt Standard Operating Procedures (SOPs) and Best Management Practices (BMPs) for rural public works activities.	Done FY 03-04	Done FY 03-04.	PRNS, GS, DOT, ESD
PSR 6.C	Provide annual training on appropriate SOPs/BMPs to City staff that perform rural public works operations and maintenance activities. Incorporate SOPs/BMPs evaluation into annual training.	Annually	Done FY 06-07. RPW training was conducted for PRNS staff September 20, 2006. Total attendance for the training session was 16.	PRNS, GS, DOT, ESD
PSR 6.C.1	Evaluate the RPW training schedule in order to coordinate more efficiently with PRNS staff schedules.	FY 06-07	Done FY 06-07.	PRNS, ESD
PSR 6.D	Through contract specifications, require contractors hired by the City to use appropriate SOPs/BMPs when performing rural public works construction or maintenance.	Done FY 05-06	Done FY 05-06.	PRNS, GS, DOT, ESD
PSR 6.E	Annually conduct an evaluation of the effectiveness of the rural public works program, report the results in the Urban Runoff Annual Report. Identify items for continuous improvement.	Annually	Done FY 06-07. The RPW BMP and SOP training was conducted in September 2006. Feedback was requested during the training, and evaluations were distributed. The feedback indicated that no modifications to the BMPs and SOPs were necessary. See 5.B: <i>PSR Program Evaluation</i> for the summary of training evaluation data.	PRNS, GS, DOT, ESD

## 5.B PSR Program Evaluation

### Training

The City of San José provides annual training to its municipal staff in the use of appropriate BMPs. The City also provides a mechanism for obtaining feedback from staff on the implementation and effectiveness of the BMPs and Control Measures. Annual municipal staff training was held in June 2007 for the PSR and SDO program elements. Participants were given an evaluation form to fill out. Of the 179 staff that participated in the training, 115 evaluations were completed and returned. Results of the completed evaluations are summarized below and show an improvement in staff response in all areas over last year's results:

- 91% responded that the training subjects taught are appropriate to their work;
- 96% responded that the BMPs/SOPs described match their work practices;
- 97% responded that the training adequately described the relationship of BMPs/SOPs to compliance with the City's Stormwater NPDES permit;
- 97% responded that the training adequately explained how they, City staff, can help the City maintain compliance with the Stormwater NPDES permit; and
- 98% responded that the training adequately explained a SWPPP.

SOPs listed in PSR 1.D.1 and SDO 1.D.1 were included in the FY 06-07 DOT crew training. In addition, surface cleaning training was conducted on April 6, 2007 for City staff and City contractors that perform surface cleaning at City facilities.

The City's control measure strategy for PSR also addresses water quality impacts resulting from public works maintenance and support activities in rural areas. Training was held in September 2006. Participants were generally positive about the content and relevance of the training session to their work. Of the 16 staff that participated in the training, 5 evaluations were completed and returned. Results of the completed evaluations are summarized below:

- 100% responded that the training subjects taught are appropriate to their work;
- 100% responded that the BMPs/SOPs described match their work practices;
- 100% responded that the training adequately described the relationship of BMPs/SOPs to compliance with the City's Stormwater NPDES permit; and
- 100% responded that the training adequately explained how they, City staff, can help the City maintain compliance with the Stormwater NPDES permit.

The RPW training schedule was re-evaluated in FY 06-07 in order to coordinate more efficiently with PRNS staff schedules.

#### **Contractor Use of BMPs**

In FY 06-07, no complaints were received involving a City of San José contractor conducting PSR or SDO O&M activities. A letter was drafted in July 2007 and will be mailed to City contractors conducting PSR and SDO O&M activities in August 2007.

#### **Informing Other Agencies**

In past years, the City of San José has informed other parties (e.g., CalTrans, the County of Santa Clara, public utilities) conducting street, road, and highway O&M activities within its jurisdiction of the requirements to implement pollutant reduction BMPs and control measures in stormwater to the maximum extent practicable and eliminate illicit discharges on a complaint driven basis. When a complaint is received, a Watershed Enforcement Inspector investigates the complaint and educates the agency on proper BMPs and Control Measures, and issues a citation if necessary. This method continued to be used in FY 06-07, in addition to letters which were sent by the City to public agencies that conduct PSR O&M activities within the City's jurisdiction informing them of the requirement to implement appropriate BMPs and control measures while conducting their work.

#### **BMP Effectiveness Review**

As part of the annual review process, the City of San José reviews and evaluates the effectiveness of its BMPs in reducing pollutants in stormwater and eliminating illicit discharges. The review and evaluation includes input from the municipal maintenance staff that implements the BMPs. BMP effectiveness is evaluated using staff feedback gathered from training sessions. See training evaluation above.

#### **Street Sweeping Program**

The City conducts an extensive Street Sweeping program, involving the sweeping of the central business district; neighborhood business district; arterials, collectors, and bicycle lanes; and residential streets. Annually, the City sends out a calendar of the residential street sweeping schedule to each single-family dwelling, and asks neighborhood associations within the City to include reminders in their association newsletters for moving parked vehicles on street sweeping days. The City is continuing to expand the areas in which parking restrictions are required and enforced to improve the effectiveness of the street sweeping program. In FY 06-07, the enforcement area was broadened from 196 to 239 curb miles. The City anticipates expanding the areas in which parking restrictions are required and enforced for street sweeping by approximately 20 curb miles in FY 07-08. In FY 06-07, approximately 35,694 cubic yards of debris were collected during all street-sweeping operations.

### **5.C PSR Response to Water Board Comments**

No comments received from Water Board on this Program Element.

## 5.D PSR Summary Tables / Additional Information

### ***Parks Included in the Rural Public Works Performance Standard***

<b>Name of Park</b>	<b>Location</b>	<b>Acreage</b>	<b>Type of Park</b>
Almaden Lake Park	Almaden Expwy & Coleman	64.9	Regional
Alum Rock Park	Alum Rock & Penitencia Creek	718.0	Regional
Emma Prusch Farm Park	Story & King	43.5	Regional
Guadalupe River Park	Between Hwy 880 and 280 along Guadalupe River in downtown San José	205.0	Regional
Kelley Park	Senter & Story	138.0	Regional
Lake Cunningham Park/Raging Waters	Capitol & Tully	202.0	Regional
Montgomery Hill Park	Yerba Buena & Murillo	59.6	Neighborhood
Overfelt Gardens	Education Park & McKee	32.6	Regional

### ***Rural Roads within the City of San Jose***

<b>Name of Road</b>	<b>Comments</b>
Bailey Avenue	Only a portion of Bailey Road is rural - west of Santa Teresa Avenue to McKean Road.
Casa Loma Road	Casa Loma Road starts at McKean Road and heads west to Rancho Canada del Oro Open Space Preserve. It has no curbs, gutters, or storm drains. A small creek is in the vicinity of the road.
Coyote Creek Golf Course Drive	Coyote Creek Golf Course Drive is a small portion of road leading from the Hwy 101 west bound off ramp to the Coyote Creek Golf Course. It has no curbs, gutters, or storm drains.
Fleming Avenue	Only a portion of Fleming Avenue is rural - east of Morrie Drive. No curb, gutter, or storm drain is on the end portion of the avenue.
Grand Boulevard	Only a portion of Grand Boulevard is rural - at Los Esteros Road (north of Spreckles Avenue) as it goes to the Don Edwards San Francisco Bay National Wildlife Refuge Environmental Education Center.
Hicks Road	Most of Hicks Road south of Guadalupe Mines Road to City limits has no curbs, gutters or storm drains. Hicks Road meanders in and out of the City limits.
Los Esteros Road	Most of Los Esteros Road has no curbs, gutters, or storm drains. Curbs and gutters are on the road in front of the San Jose/Santa Clara Water Pollution Control Plant Administration Building.
McKean Road	Only a portion of McKean Road is rural - south of Bailey Avenue to City limits.
Metcalfe Road	East of Hwy 101 as the road goes up into the hills. Small portions of Metcalfe Road have an asphalt curb. Portions of Metcalfe Road are in the City limits and portions are in Unincorporated Area.
Monterey Road	Only portions of Monterey Road are rural. Most of Monterey Road between Live Oak Ave. and Forsum Road has no curbs, gutters, or storm drains. There are some curbs, gutters and storm drains at the intersection of Palm Avenue and also at the Bailey Avenue interchange.
San Felipe Road	Only portions of San Felipe Road are rural. San Felipe Road between Aborn Road and Early Morning Court has curbs, gutters and storm drains. Portions of San Felipe Road after Early Morning Court and to the City limits have an asphalt curb on one side and no curb, gutter or storm drains on the other side.
Santa Teresa Boulevard	Only a portion of Santa Teresa Boulevard is rural - south of Bailey Avenue to City limits.



Name of Road	Comments
Sierra Road	Only a portion of Sierra Road is rural – as the road goes up into the east hills. Portions of Sierra Road are in the City limits and portions are in Unincorporated Area.
Sweigert Road	Only a portion of Sweigert Road is rural - northeast of Geist Road there is no curb, gutter, or storm drain as Sweigert Road goes up hill toward private drives.
Zanker Road	Only a portion of Zanker Road is rural - north of the Hwy 237 off ramp to Los Esteros Rd. has no curbs and gutters except in front of the San Jose/Santa Clara Water Pollution Control Plant Environmental Services Building.

## 6. SDO: Storm Drain System Operation & Maintenance

### 6.A SDO Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
<b>SDO 1</b>	<b>O&amp;M BMP Implementation</b> The City of San José will implement best management practices (BMPs) for the storm drain system operation and maintenance (O&M) to reduce pollutants in stormwater to the maximum extent practicable. Specific BMPs for each type of O&M activity are those listed in the City's Urban Runoff Management Plan (URMP).			
SDO 1.A	Develop additional BMPs, as needed, when new O&M tasks are instituted (including structural controls if necessary).	As Needed	Done FY 06-07. No additional BMPs were developed in FY 06-07.	DOT, ESD
SDO 1.B	Develop SOPs based on BMPs.	As Needed	Done FY 06-07. No new SOPs were written for PSR and SDO elements.	DOT, ESD
SDO 1.C	When new BMPs and SOPs are developed, integrate BMPs and SOPs into training program.	As Needed	Done FY 06-07. See SDO 1.C.1	DOT, ESD
SDO 1.C.1	Include SOPs listed in SDO 1.D.1 and developed in FY 05-06 into the FY 06-07 training program.	FY 06-07	Done FY 06-07. SOPs listed in SDO 1.D.1 were included in the FY 06-07 training program.	ESD
SDO 1.D	Staff will review current PSR and SDO BMPs and SOPs. The annual training sessions with staff will be used as an opportunity to evaluate the effectiveness of BMPs and SOPs. BMPs and SOPs will be updated as indicated by the review.	Done FY 04-05 Annually	Done FY 06-07. The current review in the annual training indicated that no new SOPs are necessary.	DOT, ESD
SDO 1.D.1	Revise or write the following SOPs: <ul style="list-style-type: none"> <li>• Sidewalk/Plaza Maintenance: Cleaning, concrete installation and replacement, surface removal and repair;</li> <li>• Bridge and Structure Maintenance: Painting and paint removal, repair work, and graffiti removal;</li> <li>• Median and Road Embankment Maintenance;</li> <li>• Storm Drain Inlet Cleaning;</li> <li>• Storm Drain Line Cleaning;</li> <li>• Management of Storm Drain System Solid Waste;</li> <li>• Pump Station Inspection and Cleaning;</li> <li>• Drainage Ditch Cleaning.</li> </ul> See PSR 1.D.1.	Done FY 05-06	Done FY 05-06.	DOT, ESD, PRNS
SDO 1.D.2	Include a check box on the WE ICID inspection report form to indicate whether the responsible party in a stormwater complaint is a City employee.	FY 06-07 Ongoing	Due to technical requirements, it was not feasible to include a check box in the WE ICID inspection report form in FY 06-07. This task will be carried over into the FY 07-08 work plan. Inspectors will track this information	ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
			manually and forward the information to the ESD-UR section for appropriate action.	
SDO 1.D.3	In response to stormwater complaints involving a City employee conducting PSR and SDO O&M activities, the supervisor for the City employee involved in the complaint will be notified.	FY 06-07 Ongoing	Done FY 06-07. No complaints involving City employees conducting PSR and SDO O&M activities were received.	DOT, GS, PRNS, ESD
<b>SDO 2</b>	<b>Problem Tracking and Process Improvement</b> The City of San José will develop and implement processes for tracking problem areas and ensuring that appropriate BMPs and SOPs will be implemented for storm drain operation and maintenance activities.			
SDO 2.A	Implement an annual inspection and cleaning work plan to achieve a Tier II level review.	Ongoing	Done FY 06-07 and ongoing. The FY 06-07 Storm Inlet Cleaning Program was conducted October 2006-February 2007. For inlet cleaning, DOT schedules and implements the inspection and cleaning schedule annually. To date, the City has been able to achieve a Tier 2 level review with a modified implementation timeframe. In FY 07-08, the City's intent is to continue the Tier 2 level review. However, due to resource constraints, the extended window for implementation of Tier 2 may be needed. In FY 06-07, 28,900 inlets were inspected and, if needed, cleaned.	DOT
SDO 2.B	Evaluate criteria for collecting data from City field personnel for the purposes of determining Problem Areas.	As Needed	Done FY 06-07. A new data collection procedure was developed for "car on catch basin" in FY 05-06. The "car on catch basin" procedure was abandoned in FY 06-07 because it proved to be too cumbersome and difficult for crews to track effectively. However, crews continue to track the number of catch basins which have cars parked over them. See 6.B: <i>SDO Program Evaluation</i> for proposed changes.	DOT, ESD
SDO 2.C	Revise documentation and problem area reporting procedure, if necessary, to improve reporting performance. Documentation to include frequency, nature, and type of recurring problem. Include coordination of data from ICID and Storm Drain Management System data sources. Include analysis of data to identify trends for targeting solutions.	As Needed	Done FY 06-07. DOT and ESD staff revised the Storm Inlet Cleaning data collection form in September 2006, prior to the crew training.	DOT, ESD
SDO 2.D	Produce Problem Area report.	Annually	Done FY 06-07. FY 06-07 Storm Inlet Cleaning Program Problem Area Report was produced by DOT staff in March 2007.	DOT
SDO 2.E	Address Problem Areas through ICID enforcement/ education activities, additional BMP development, program development or retrofit.	As Needed	Done FY 05-06.	DOT, ESD
SDO 2.E.1	Explore purchasing additional vector trucks.	FY 06-07	Done FY 06-07. See 5.B: <i>PSR Program Evaluation</i> for	DOT

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
			details.	
<b>SDO 3</b>	<b>Contractor Use of BMPs</b> The City will develop and implement, as needed, a process to ensure that contractors employed to perform storm drain O&M activities use the appropriate BMPs.			
SDO 3.A	Train contract managers for SDO O&M contracts on related stormwater BMPs.	Annually	Done FY 06-07. Contract manager training was held on 6/26/07. The City received no complaints regarding contractors conducting SDO O&M activities for the City. See 5.B: <i>PSR Program Evaluation</i> for summary of complaint.	DOT, ESD
SDO 3.A.1	Include a check box on the WE ICID inspection report form to indicate whether the responsible party in a stormwater complaint is a City contractor.	FY 06-07 Ongoing	Due to technical requirements, it was not feasible to include a check box in the WE ICID inspection report form in FY 06-07. This task will be carried over into the FY 07-08 work plan. Inspectors will track this information manually and forward the information to the ESD-UR section for appropriate action.	ESD
SDO 3.A.2	In response to stormwater complaints involving City contractors conducting PSR and SDO O&M activities, the contract manager for the City contract involved in the complaint will be notified.	FY 06-07 Ongoing	Done FY 06-07. The City received no complaints regarding contractors conducting SDO O&M activities for the City. See 5.B: <i>PSR Program Evaluation</i> for summary of complaint.	DOT, GS, PRNS, ESD
<b>SDO 4</b>	<b>Staff Training and BMP Feedback</b> The City of San José will provide annual training to its municipal staff in use of appropriate BMPs and/or Control Measures. The City will also provide a mechanism for obtaining feedback from staff on implementation and effectiveness of BMPs and Control Measures.			
SDO 4.A	Provide training prior to the rainy season.	Annually, Q4	Done FY 06-07. Training conducted on October 3, 2006 for inlet cleaning crews; on September 20, 2006 for Park Rangers; and June 2007 for DOT crews.	DOT, ESD
SDO 4.B	Create or revise training modules for affected City staff.	As Needed	Done FY 06-07. Training presentations were revised based on the BMPs chosen for each particular crew.	DOT, ESD
SDO 4.B.1	Improve the focus of the training on the specific BMPs used by a section.	As Needed	Done FY 06-07. The DOT crew training was revised to focus on the 2-3 BMPs chosen by each supervisor for their particular crew.	DOT, ESD
SDO 4.B.2	Provide specific training to inlet cleaning crews on IMSPAR data collection in advance of inlet cleaning program implementation.	Annually	Done FY 06-07. DOT Storm Inlet Cleaning Program crew training was conducted on October 3, 2006.	DOT, ESD
SDO 4.B.3	Add specific components from DOT Electrical Crew training module to the general DOT Street Crew training module. These components include: asphalt/concrete removal, concrete installation and repair, and mercury lamp recycling and/or disposal.	Done FY 05-06	Done FY 05-06.	ESD
SDO 4.C	Produce schedule for training.	Annually	Done FY 06-07. DOT inlet cleaning crews training was scheduled with supervisors in August 2006. Training for DOT street maintenance crews was scheduled with supervisors in May 2007.	DOT, ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
<b>SDO 5</b>	<b>Data Analysis</b> As part of the annual review process, the City of San José will evaluate data regarding cleaning activities and unusual flows observed during inspection. The review and evaluation will include consideration of storm drain structural retrofit.			
SDO 5.A	Draft procedure for annual review and evaluation of data.	Done FY 01-02	Done FY 01-02.	DOT, ESD
SDO 5.A.1	Collect data on the amount of materials removed during inlet cleaning.	Done FY 04-05 Annually	Done FY 06-07. Data was collected, by DOT crews, on the amount and type of materials removed during the FY 06-07 Storm Inlet Cleaning Program.	DOT, ESD
SDO 5.B	Implement annual data review and identify follow-up actions as appropriate.	Annually	Done FY 06-07. The FY 06-07 Storm Inlet Cleaning Program Problem Area data was reviewed and follow-up actions were identified. See 6.B: <i>SDO Program Evaluation</i> .	DOT, ESD
SDO 5.B.1	Re-evaluate how follow up is conducted by crews when "cars on catch basins" is identified on the IMSPAR report, in order to better understand to what extent parked cars are a barrier to cleaning.	FY 06-07	Done FY 06-07. A new procedure was introduced in FY 05-06 for when crews encountered a car on a catch basin during the storm inlet cleaning program. Crews were to note on their data collection sheet that a car was parked over a catch basin, and therefore the catch basin could not be cleaned. If the crew was able to go back to the catch basin at a later time in an attempt to inspect and clean the catch basin again, they were to record it on the data collection sheet for each time they went back. If they were finally able to clean the catch basin, that was to be recorded on the data collection sheet also. The "car on catch basin" procedure was abandoned in FY 06-07 because it proved to be too cumbersome and difficult for crews to track effectively. However, crews continue to track the number of catch basins which have cars parked over them.	DOT, ESD
SDO 5.B.2	Evaluate "cars on catch basins" data to see if it can be used as one of the factors in determining where future posted signage for street sweeping restrictions will be installed.	FY 06-07	Done FY 06-07. DOT and ESD staff evaluated the possibility of using cars on catch basin data as one of the criteria in determining where future posted signage for street sweeping restrictions will be installed. Because crews continue to track the number of catch basins which have cars parked over them, It is feasible to use the data as one of the criteria.	DOT, ESD
SDO 5.B.3	Evaluate how to integrate the results of the IMSPAR report, regarding garbage and high debris, into scheduling additional cleaning.	Annually	Done FY 06-07. Some additional cleaning was conducted in FY 06-07.	DOT, ESD
SDO 5.B.4	Re-evaluate use of hand held devices to collect data during storm drain inlet cleaning and potentially other maintenance activities.	FY 07-08	N/A.	DOT, ESD
<b>SDO 6</b>	<b>BMP Effectiveness Reviews</b>			

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
	As part of the annual review process, the City of San José will review and evaluate the effectiveness of its BMPs in reducing pollutants in stormwater and eliminating illicit discharges.			
SDO 6.A	Review with supervisors to get feedback and information on how to assess BMP effectiveness.	As Needed	Done FY 06-07. DOT supervisors attended annual training. Evaluations were distributed to elicit information on BMP and SOP effectiveness. Feedback received indicates that the BMPs and SOPs are effective.	DOT, ESD
SDO 6.B	Use annual training sessions with staff as an opportunity to evaluate the effectiveness of BMPs & SOPs.	Annually	Done FY 06-07. The annual DOT Stormwater BMP and SOP training was conducted in June 2007. Both DOT crews and supervisors attended the training conducted in June. PSR & SDO BMPs and SOPs were reviewed and feedback was requested during the training sessions. Written evaluations for the training were also distributed. Feedback received from both sources indicated that the existing BMPs and SOPs are effective and no modifications were necessary in FY 06-07. See 5.B: <i>PSR Program Evaluation</i> for the summary of training evaluation data.	DOT, ESD

## 6.B SDO Program Evaluation

### Training

The City of San José provides annual training to its municipal staff in use of appropriate BMPs. The City also provides a mechanism for obtaining feedback from staff on implementation and effectiveness of BMPs and Control Measures. See 5.B: PSR Program Evaluation, Training for results for combined PSR & SDO training. SOPs listed in PSR 1.D.1 and SDO 1.D.1 were included in the FY 06-07 DOT crew training. In addition, surface cleaning training was conducted on April 6, 2007 for City staff and City contractors that perform surface cleaning at City facilities.

Annual staff training was held in October 2006 for the Storm Drain Inlet Cleaning Program. Participants were given an evaluation form to fill out. Of the 13 staff that participated in the training, 8 evaluations were completed and returned. Results of the completed evaluations are summarized below:

- 100% responded that the training subjects taught are appropriate to their work;
- 100% responded that the training adequately explained how to fill out the storm inlet cleaning data collection form;
- 100% responded that the training adequately described the need for complete and consistent inlet location information;
- 100% responded that the training adequately explained how they, City staff, can help the City maintain compliance with the Stormwater NPDES permit.

### Storm Inlet Cleaning Program Data Review

As part of the annual review process, the City of San José evaluates data regarding cleaning activities and unusual flows observed during inspection. The review and evaluation includes consideration of storm drain structural retrofit. The City reviews data on cleaning activities via the Infrastructure Maintenance Division Storm Drain System Problem Area Report (IMSPAR). The data collection criteria developed in FY 04-05 for the Storm Inlet Cleaning program continued to work well. This was the third year that quantifiable data was collected by the inlet cleaning crews. In FY 06-07, the data collection form used check boxes for identifying each problem type. This made

it easier for crews to record multiple problems at one inlet. Evaluation of the FY 06-07 IMSPAR data indicates that approximately 5.5% of the City's storm drain inlets and catch basins had a problem associated with them. The key problems for urban runoff were:

1. Cars parked over catch basins (~1.8%) – crews could not reach the catch basin to clean it. During review, the City considered options for minimizing parked cars but concluded that sign posting would be cost prohibitive at this time. Currently staff return to these catch basins at least once for subsequent cleaning attempts.
2. High Debris (~1.3%) – debris (leaves, lawn clippings, dirt and other natural materials) in excess of 3 feet deep in catch basin.
3. Garbage (~0.7%) – volume of garbage (paper, bottles, cans, and other man-made waste) in excess of a full grocery bag.
4. Illicit pollution (~0.0%) – materials such as concrete, antifreeze, oil, paint, etc. that appear to have been intentionally dumped into the catch basin. Maintenance staff are directed to contact Environmental Enforcement when this issue is identified.
5. Other problems encountered included roots, construction, silt sacks, and no access to catch basin (grate could not be opened due to other reasons beside cars over the grate).

In FY 05-06, ESD evaluated the proposal to employ hand held devices to collect data during catch basin cleaning and potentially other maintenance activities. With current budget and staffing constraints within DOT, employing hand held devices was not found to be feasible. The proposal will be re-evaluated in FY 07-08.

In FY 06-07, DOT conducted a resource and effectiveness study of its personnel and equipment primarily in sanitary sewer operation and maintenance, benchmarking the results against other cities throughout the state. Given the recently adopted procedures for sanitary overflows and the impacts from both the SSMP and the MRP, DOT appealed for both additional equipment and the filling of vacant positions in the sewer programs. The documentation efforts enabled DOT to acquire \$1M in funding in FY 07-08 for the purchase of 4 vactor trucks. DOT has also received permission to fill most of the vacant maintenance positions in the sewer programs in FY 07-08.

#### **BMP Effectiveness**

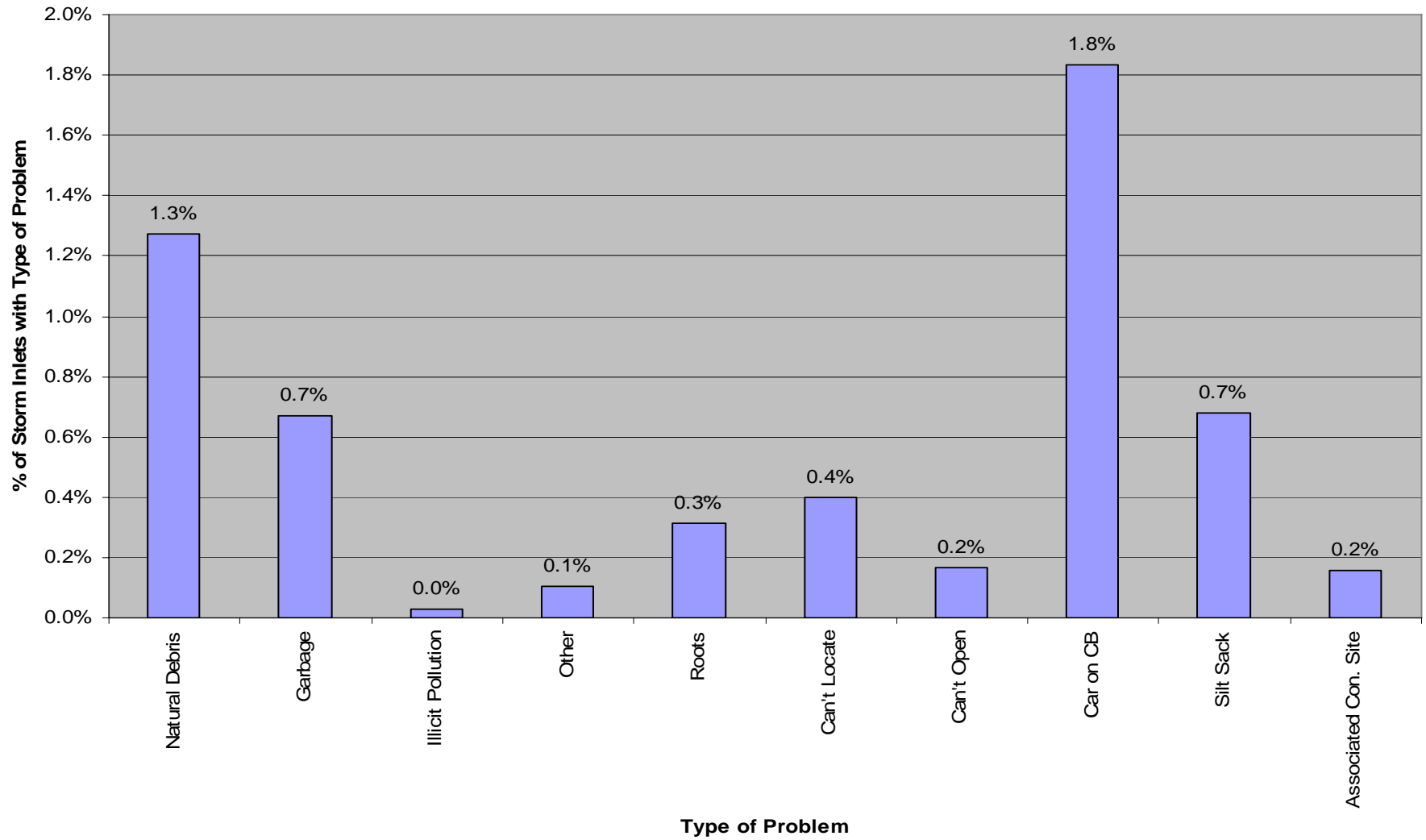
As part of the annual review process, the City of San José reviews and evaluates the effectiveness of its BMPs in reducing pollutants in stormwater and eliminating illicit discharges. BMP effectiveness is evaluated using staff feedback gathered from training sessions. See *5.B PSR Program Evaluation, BMP Effectiveness Review* for results.

### **6.C SDO Response to Water Board Comments**

No comments received from Water Board on this Program Element.

6.D SDO Summary Tables / Additional Information

**FY 06-07 Storm Inlet Cleaning Program Problem Area Data**





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## 7. WUOM: Water Utilities Operations & Maintenance

### 7.A WUOM Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
<b>WUOM 1</b>	<b>Inventory of O&amp;M Activities</b> The City of San José's Municipal Water System will conduct an inventory of all-key operations and maintenance activities, and identify routine and unplanned non-stormwater discharges from these activities. This inventory will be conducted every three years and evaluated at least once a year.			
WUOM 1.A	Review current procedures for operations and maintenance.	Annually	Done FY 06-07. The current procedures have been reviewed and no change is recommended at this time.	ESD-Muni
WUOM 1.B	Three-year update of list.	3/31/09 Every 3 years	Done 3/06. Next inventory not due until 3/09.	ESD-Muni
<b>WUOM 2</b>	<b>Implementation of WUPPP</b> The City of San José's Municipal Water System will implement the pollution control measures identified in the Water Utility Pollution Prevention Plan (WUPPP) to manage chlorine, biocides, and algaecides and prevent erosion and sedimentation.			
WUOM 2.A	Implement WUPPP/Report on activities	Ongoing	Done FY 06-07. WUPPP was implemented in 2000. Muni Water staff and their contractors comply with the BMPs and SOPs included in the WUPPP.	ESD-Muni
<b>WUOM 3</b>	<b>Staff Training and Contractor WUPPP Compliance</b> The City of San José's Municipal Water System will conduct annual training for municipal staff and coordinate WUPPP elements with water utility project planning, including WUPPP elements (BMPs, conditions, specifications, etc., in contract and services agreements).			
WUOM 3.A	Implement training program.	Annually, Q2	Done 12/13/06. See 13.D: <i>Municipal Employee Training Summary</i> .	ESD-Muni
<b>WUOM 4</b>	<b>WUPPP Effectiveness Evaluation</b> The City of San José's Municipal Water System will evaluate the effectiveness of the WUPPP annually. Maintain accurate documentation and revise the WUPPP as necessary.			
WUOM 4.A	Evaluation effectiveness of program.	Annually, Q4	Done on 12/13/06. Muni Water has developed an evaluation program, which includes evaluating one of the SOPs annually. See 9.B: <i>WUOM Program Evaluation</i> .	ESD-Muni

### 7.B WUOM Program Evaluation

The City's Municipal Water System evaluation process consists of reviewing one SOP or BMP from start to finish on an annual basis. This effort is combined with a training program in which Muni Water staff creates a training video of the SOP or BMP being reviewed. Staff and others involved in the process then view the video for training. The paperwork process (checklist for that BMP) is discussed and then the forum is opened up for discussion. Individuals who perform the activity share their thoughts on what works and what does not work. The facilitator (typically, a designated supervisor) writes down the comments and suggestions. When appropriate, the SOP or BMP is revised to incorporate the results of the discussion.

For FY 06-07, Muni Water conducted an evaluation of the Water Meter Testing Program. This evaluation took place on 12/13/06. A training video was made in accordance with the SOP outlined in the "Water Utility Operation and Maintenance Discharge Pollution Prevention Plan." Staff and a responsible representative of Muni Water's contractor attended the training session and viewed the video. After viewing the video, staff discussed the pros and cons of the procedure. Staff found the procedures to be satisfactory and effective for meeting the goals of the URMP. No changes were recommended at this time.

Contractor performance for Muni Water is monitored by staff inspection. If the contractor fails to follow BMPs, the Muni Water inspector on the job will notify the contractor. In addition, Muni Water may receive complaints from other parties; however, this is not typical since the inspector usually resolves issues right away.

### **7.C WUOM Response to Water Board Comments**

No comments received from Water Board on this Program Element.

### **7.D WUOM Tables / Additional Information**

No additional information on this Program Element.

## 8. PM: Pesticide Management

### 8.A PM Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
<b>PM 1</b>	<b>Integrated Pest Management</b> The City will adopt an Integrated Pest Management (IPM) policy and/or ordinance requiring use of IPM techniques in the agency's operations; and, minimization of pesticide use, particularly organophosphate and copper-based pesticides, by agency staff and contractors.			
PM 1.A	Develop a City IPM policy for inclusion in Pesticide Management Plan.	Done FY 02-03	Done FY 02-03.	ESD
<b>PM 2</b>	<b>Pesticide Management Plan</b> The City will develop and implement a Pesticide Management Plan with the goals of minimizing pesticide use and reducing the amount of pesticides in stormwater and landscape runoff to the maximum extent practicable.			
PM 2.A	Draft a City of San José Pesticide Management Plan.	Done FY 01-02	Done FY 01-02.	ESD
PM 2.B	Publish City Pesticide Management Plan in URMP.	Done FY 01-02	Done FY 01-02.	ESD
<b>PM 3</b>	<b>IPM SOPs and BMPs</b> The City will develop and implement standard operating procedures (SOPs) and best management practices (BMPs) for implementing the IPM Policy			
PM 3.A	Develop SOPs and BMPs for implementing IPM policy with provisions that will reduce water quality impacts from pesticide use.	Done FY 01-02	Done FY 01-02.	GS, DOT, ESD
PM 3.B	For each type of pest problem identified, seek model SOPs and BMPs from published literature.	Done FY 01-02	Done FY 01-02.	GS, DOT, ESD
PM 3.C	Incorporate or develop appropriate IPM measures into City SOPs and BMPs.	Done FY 02-03	Done FY 02-03.	GS, DOT, ESD
PM 3.C.1	Pilot the use of additional IPM techniques, e.g., for weed control.	FY 06-07	Done FY 06-07 and ongoing. See 8.B: <i>PM Program Evaluation</i> .	GS, DOT, ESD, PRNS
PM 3.D	Update City URMP to incorporate model Pest Management Performance Standard, including description of legal authority (IPM policy and contract language), work plan elements, BMPs, and SOPs needed for implementation.	Done FY 02-03	Done FY 02-03.	ESD
PM 3.E	Review and update City SOPs and BMPs as appropriate.	As Needed	The Pesticide Management Committee determined that no updates were required for FY 06-07.	GS, DOT, ESD, PRNS
PM 3.F	Develop Approved Pesticide List for applications on City property.	FY 06-07	In progress FY 06-07 and ongoing. The Pesticide Management Committee developed a list in draft form.	PRNS, DOT, GS, ESD
PM 3.F.1	Revise SOPs and BMPs to reflect use of Approved Pesticide List.	FY 06-07	Done FY 06-07 and ongoing. The Pesticide Management Committee determined that no updates were required for FY 06-07.	PRNS, DOT, GS, ESD
<b>PM 4</b>	City Employee Training			

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
	<p>The City will ensure that employees receive pest management training by implementing the following:</p> <ol style="list-style-type: none"> <li>1. Employees who apply pesticides for the City will obtain the appropriate training as required by County Agricultural Commissioner and State Department of Pesticide Regulation (DPR);</li> <li>2. Employees within departments responsible for pesticide application will receive annual training on appropriate portions of City IPM Policy, SOPs, and BMPs, and latest IPM techniques;</li> <li>3. Employees who are not authorized to apply pesticides will be annually trained not to use over-the-counter pesticides at workplace, consistent with IPM Policy.</li> <li>4. Annual internal outreach will be conducted to employees, who do not necessarily purchase or apply pesticides during their course of work, on less toxic pest control and to encourage employees to use IPM techniques away from work.</li> </ol>			
PM 4.A	Ensure that employees who apply pesticides for the agency obtain appropriate training required by County Agricultural Commissioner and State Department of Pesticide Regulation.	Annually	Done FY 06-07. DOT, GS, and PRNS staff received safety training in April 2007 on the specific pesticides used during the course of their work. Training meets State DPR requirements. Additional training is done throughout the year for new employees prior to using pesticides or if new pesticides, which were not covered in the annual training, are introduced. Training is provided annually. See 13.D: <i>Municipal Employee Training Summary</i> for summary of attendance.	GS, DOT, PRNS
PM 4.B	Provide annual training on IPM Policy, SOPs, and BMPs, and latest IPM techniques to employees within departments responsible for pesticide application.	Annually	Done FY 06-07. Training for DOT, GS and PRNS staff was held in April 2007. Training topics included safety, City IPM Policy, SOPs, and BMPs, and IPM techniques. This message was also communicated in the SWPPP, PSR/SDO, and RPW municipal compliance trainings. See 13.D: <i>Municipal Employee Training Summary</i> for summary of attendance.	GS, DOT, ESD, PRNS
PM 4.C	Annually inform employees who are not authorized /trained to apply pesticides not to use over-the-counter pesticides at the workplace, consistent with IPM Policy.	Ongoing	Done FY 06-07. Notification that untrained staff members are not to utilize over-the-counter pesticides in the workplace was provided at the training and in a May 2007 staff notice to City facility managers.	GS, DOT, ESD, PRNS
PM 4.D	<b>Monitoring Mechanism I.B.1.</b> Document and evaluate effectiveness of staff training conducted each year in annual report.	Annually	Done FY 06-07. The training required for certificates and licenses is reviewed and approved for Continuing Education Units (CEUs) by the Department of Pesticide Regulation (DPR) – this ensures it is valuable and effective for applicators. In FY 06-07, an evaluation/survey for class participants was used for IPM training conducted in April 2007. The results were compiled and will be used to implement improvements for the next training. See 8.B: <i>PM Program Evaluation for a summary of evaluation results.</i>	GS, DOT, ESD, PRNS
PM 4.D.1	Update class evaluation/survey for IPM training classes conducted by City staff.	As Needed	Done FY 06-07. The appropriate updates were made to the evaluation form to reflect content of training.	GS, DOT, ESD, PRNS
PM 4.E	Public Education and Outreach Task II.A.14 Conduct internal outreach on less toxic pest control to	Annually	Done FY 06-07. The summer issue of the <i>ESD Connections</i> newsletter featured an article on IPM.	ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
	employees who do not necessarily purchase or apply pesticides during the course of their work (to encourage employees to use IPM techniques away from work).			
<b>PM 5</b>	<p><b>Contractor Pesticide Management Requirements</b></p> <p>The City will develop and implement a process to ensure that contractors employed to conduct pest control and pesticide application on municipal property engage in pest control methods consistent with City IPM Policy. Specifically, the City will require contractors to:</p> <ul style="list-style-type: none"> <li>▪ follow City IPM policy, BMPs, and SOPs;</li> <li>▪ provide evidence of current IPM training, when feasible</li> <li>▪ provide documentation of pesticide use on City property to the City in a timely manner.</li> </ul>			
PM 5.A	Ensure that contractors employed to conduct pest control/pesticide application on municipal property engage in methods consistent with City IPM policy.	Ongoing	Done FY 06-07.	GS, DOT, ESD, PRNS, PW, RDA
PM 5.B	Review and update a list of all contractors employed by the City who perform pesticide application work.	Annually	Done FY 06-07. The contractor list was updated and new information fields were added to record information regarding contract term.	GS, DOT, ESD, PRNS, PW, RDA
PM 5.C	Implement a procedure to provide to each contractor a copy of the City's IPM policy.	Done FY 02-03	Done FY 02-03.	GS, DOT, ESD, PRNS, PW
PM 5.D	City will supply copies of pest specific BMPs and SOPs to contractors. Contractors will self certify their compliance with the City SOPs and BMPs.	Ongoing	Done FY 06-07.	GS, DOT, ESD
PM 5.E	Require through contract specifications that PCOs contracted for municipal applications use pest control methods consistent with City's IPM Policy. Specifically, require contractors to: a) follow City IPM policy, BMPs and SOPs; b) provide evidence of current IPM training, when feasible; and c) provide documentation of pesticide use on City property to the City in a timely manner.	Ongoing	Done FY 06-07.	GS
PM 5.E.1	City will develop standard content for PCO contracts.	Done FY 04-05	Done FY 04-05.	GS, DOT, ESD, PRNS
PM 5.E.2	City will implement standard content for PCO contracts.	Done FY 05-06 Ongoing	Done FY 06-07.	GS, DOT, ESD, PRNS
PM 5.F	Invite contractors to participate in City training sessions on pesticide management.	FY 05-06 Ongoing	Done FY 06-07.	GS, DOT, PRNS
PM 5.G	<b>Monitoring Mechanism III.A.1.</b> Document number of PCOs receiving presentations and/or training on pesticide use by PCOs on municipal property.	Annually	Done FY 06-07.	GS, ESD
<b>PM 6</b>	<p><b>Pesticide Management Outreach</b></p> <p>The City will identify in annual work plan outreach activities it will conduct consistent with Program Pesticide Management Plan. Work plan elements will address outreach to residential and commercial pesticide users, pesticide retailers, and special districts. Information will be provided on less-toxic pest control practices, proper disposal of pesticides, and the City's own IPM practices, as applicable.</p>			

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
PM 6.A	Increase awareness of target audiences regarding proper pesticide use, disposal methods, water quality impacts, and less toxic pest management messages. Target audiences include commercial and residential pesticide users, pesticide retailers, municipal employees, and special districts.	Ongoing	Done FY 06-07. The City participates in the Our Water Our World (OWOW) campaign, and the Program's Watershed Watch campaign. Both campaigns deliver IPM messages. In addition, the City published an article in the BOMA Byline newsletter with IPM information for businesses. See 14.D: <i>PIP Activities</i> for more details.	ESD
PM 6.B	Prepare IPM stories and press releases to local media.	As Needed	Done FY 06-07. OWOW ads were placed in multiple publications. See Program Annual Report and 14.D: <i>PIP Activities</i> for details.	ESD
PM 6.C	In conjunction with Program, City will provide information on less toxic pest control (e.g., IPM techniques, municipal IPM policies, model contract language, training opportunities, etc.) to neighboring special districts (e.g., VTA, sanitary and utility districts, open space districts, vector control districts, and school districts) as appropriate.	As Needed	Done FY 06-07.	ESD
PM 6.D	Create and provide fact sheets and materials to pesticide retailers to facilitate point-of-purchase outreach to support IPM Store Partnership Program.	Ongoing	Done FY 06-07 through Program and BASMAA's OWOW Campaign. See Program Annual Report and 14.D: <i>PIP Activities</i> for details.	ESD
PM 6.E	<b>Monitoring Mechanism:</b> Document or estimate numbers of residents reached by outreach efforts, including events, web promotion, municipal employee outreach, and media advertising. Monitor responses to outreach efforts by documenting calls to the Program's general and watershed campaign hotlines.	Annually	Done FY 06-07. See Program Annual Report and 14.D: <i>PIP Activities</i> for evaluation of outreach activities.	ESD
PM 6.F	Co-host regional IPM conference to promote implementation of IPM practices in municipal operations in the City and Bay Area region.	FY 06-07	Done FY 06-07. The City co-hosted the 3 <sup>rd</sup> Annual Regional IPM Conference, which attracted over 400 attendees from area municipalities and organizations. See 8.B: <i>PM Program Evaluation</i> for details.	ESD, PRNS, DOT, GS
PM 6.G	<b>Monitoring Mechanism IV.A.1.</b> Document outreach efforts targeting businesses, recommended in the work plan, to be developed by the Program. Implement evaluation component of the work plan.	Annually	Done FY 06-07. See Program Annual Report and 14.D: <i>PIP Activities</i> for details.	ESD
<b>PM 7</b>	<b>HHW Pesticide Disposal</b> The City will coordinate with household hazardous waste (HHW) collection agencies to support, enhance, and help publicize programs for proper pesticide disposal.			
PM 7.A	Work with HHW collection agencies to support, enhance, and publicize programs for pesticide disposal.	Ongoing	Done FY 06-07 and ongoing. This work is done at the Program level. See Program Annual Report for details.	ESD
PM 7.B	Ensure that adequate pesticide disposal services exist for residents and conditionally exempt small quantity commercial generators.	Annually	Done FY 06-07. Adequate pesticide disposal services exist through the County's Household Hazardous Waste and Conditionally Exempt Small Quantity Generators programs. No San José customers were turned away and appointments were scheduled in a timely manner.	ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
PM 7.C	Provide hazardous waste disposal information to residents, through distribution of materials (e.g., utility bill insert, city newsletter, community events, etc.) or advertising in local media.	Ongoing	Done FY 06-07 and ongoing. Hazardous waste disposal information is provided on the City's website along with a link to the Santa Clara County HHW Program's website. The City's Integrated Waste Management (IWM) outreach includes the Santa Clara County HHW Program's hotline.	ESD
PM 7.D	<b>Monitoring Mechanism V.A.1.</b> Document that HHW collection programs adequately serve residents and businesses and that exchange programs do not exchange organophosphate or banned pesticides.	Annually	Done FY 06-07. The Santa Clara County HHW Program managed 1,250 lbs of diazinon and Dursban as well as over 210,900 lbs of other pesticides. There was no wait in order to schedule an appointment and no customers were turned away. The HHW Program does not exchange organophosphate or banned pesticides.	ESD
<b>PM 8</b>	<b>City Pesticide Use Tracking</b> The City will develop and implement a process for tracking pesticide use on municipally-owned property.			
PM 8.A	Develop and implement a pilot pesticide tracking process for Diazinon and Chlorpyrifos products.	Done FY 01-02	Done FY 01-02.	GS, DOT, ESD
PM 8.B	Track pesticide use on municipally owned property. Include reporting and justification for use of OP pesticides and BMPs employed during OP pesticide use.	Ongoing	Done FY 06-07 and ongoing. Neither the City nor its contractors purchased, used, or wrote recommendations for the use of OP pesticides on municipal property. Contracts for structural pest control include requirements for reporting and justification of use of OP pesticides and BMPs employed during OP pesticide use in the contract specifications.	GS, DOT, ESD
PM 8.B.1	Evaluate feasibility of implementing electronic data management system for pesticide use.	Done FY 04-05	Done FY 04-05.	GS, DOT, ESD
PM 8.B.2	Implement electronic data management system for tracking pesticide use on City property.	Done FY 04-05 and Ongoing	Done FY 06-07. A database was used to track pesticide use on municipal property by City staff and contractors.	GS, DOT, ESD
PM 8.C	<b>Monitoring Mechanism I.A.1.</b> Document completion of tasks in annual reports. Use pesticide tracking process to document pesticide use.	Annually	Done FY 06-07. Monthly pesticide use reports submitted by contractors were compiled and reviewed. See 8.B: <i>PM Program Evaluation</i> .	GS, DOT, ESD, PRNS, PW
<b>PM 9</b>	<b>City Pesticide Inventory Search</b> The City will conduct periodic Citywide search of its chemical inventory for pesticides no longer legal for application per EPA, State, and/or local requirements. These pesticides, if found, will be properly disposed pursuant to appropriate waste disposal regulations.			
PM 9.A	Conduct Citywide search of chemical storage areas for pesticides no longer legal for application per EPA, State, and/or local requirements. Properly dispose of any such pesticides pursuant to appropriate waste disposal regulations.	Annually	Done FY 06-07. PRNS and DOT conducted search in May 2007. No expired pesticides were found.	GS, DOT, PRNS
<b>PM 10</b>	<b>Pesticide Management Plan / IPM Policy Review</b> As part of annual reporting process, the City will review and evaluate, with input from municipal staff, the effectiveness of its Pest Management Plan and IPM Policy in achieving the goals of the Plan to the maximum extent practicable.			
PM 10.A	Review and continuously improve goals, actions, and	Annually	Done FY 06-07. See 8.B: <i>PM Program Evaluation</i> .	GS, DOT, ESD, PRNS,



ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
	monitoring mechanisms of the work plan considering results of self-evaluations, comments from Water Board staff and other interested parties, and results of local performance review meetings, if any.			PW
PM 10.B	<b>Monitoring Mechanism IX.A.1.</b> Complete revised work plan that incorporates continuous improvement items, and report on completion of work plan tasks.	Annually	Done FY 06-07 (between 07-08 Work Plan and this Annual Report).	GS, DOT, ESD, PRNS, PW
PM 10.C	<b>Monitoring Mechanism VII.A.1.</b> Summarize types of pesticide reduction measures required (such as by conditions of approval) for new development and significant redevelopment projects, and percentage of new development/ significant redevelopment projects for which pesticide reduction measures were required. (Draft Permit Provision C.3.n.)	Annually	Done FY 06-07. See NRD 5.G in <i>Work Plan Self Evaluation Matrix</i> .	PW, ESD

## 8.B PM Program Evaluation

### Integrated Pest Management

The City continues to apply current and new less toxic and non-chemical Integrated Pest Management (IPM) techniques to resolve municipal pest problems. FY 06-07 highlights include:

- DOT staff in Special Assessment Districts continues to power wash or scrape tussock moth cocoons from plum and live oak trees, where tussock moths used to defoliate the trees. By removing cocoons using mechanical IPM methods, DOT staff eliminates the need to use pesticide spray applications.
- While many City park sites have not suffered from oak tussock moths due to biological control by parasitic wasps, several City parks sites experience tussock moth infestations too severe to be controlled by mechanical or biological methods. This year, however, injection pesticides at a pilot park site replaced overhead spraying of infested trees. The injection method not only controlled the tussock moths but also resulted in less pesticide drift and run-off potential.
- In light of a Stipulated Injunction and Order in which USEPA agreed to withdraw certain authorizations for use of 66 specified active pesticide ingredients in California red-legged frog habitat, City staff mapped the final critical habitat areas specified in the Order and, in those areas, halted the use of pesticides containing any of the 66 listed active ingredients. PRNS staff also trialed a new herbicide in an effort to seek alternatives to pesticide active ingredients listed on the Stipulated Injunction and Order.
- PRNS and DOT staff continue to use mulch to help alleviate the need for pre-emergent herbicides and to reduce water use.
- Alum Rock Park staff placed flapper lids on all outdoor garbage cans to help limit food sources for ground squirrels.
- To encourage natural predatory control of gophers, the City purchased over 30 barn owl houses. Eight barn owl boxes were placed in City parks in FY 06-07, and further box placement and monitoring will continue in FY 07-08 in an effort to reduce reliance on chemical controls throughout the City.
- To encourage bats to roost in the City and prey on mosquitoes, the City purchased eight bat boxes to place in Community Gardens and two to place in DOT Special Assessment Districts. In FY 06-07, four of the bat boxes had been placed, and the remainder will be mounted in early FY 07-08. The hope is that mosquito control by bats will result in less pesticide use as well as a reduced human health risk of West Nile Virus.

- In FY 06-07, the City secured a contractor to provide grazing services at City sites. This contract will allow the City to pilot grazing by goats and/or sheep at City sites in the future as a pesticide-free vegetation management tool. The first site(s) will be grazed during the summer of FY 07-08 and may include Municipal Water Resources sites, DOT sites, and PRNS sites.

### **IPM Conference**

The City co-hosted the 3rd Annual Regional IPM Conference which occurred at the McEnery Convention Center in San Jose on November 14th, 2006. City staff members from ESD, PRNS, GS, and DOT served as members of the Planning and Organizing Committee and as the Conference chair. The City invited all of its contracted pest control operators (PCOs) and landscape maintenance professionals to the conference, and many attended. In total, the conference was attended by over 400 representatives from diverse organizations and governments throughout the Bay Area and beyond.

Approximately 119 conference attendees submitted a conference evaluation, and the results show that:

- 93% of attendees felt the keynote speakers were good, very good, or excellent;
- 91% rated the overall quality of the conference as good, very good, or excellent; and
- 82% thought the educational materials were good, very good, or excellent.

Conference attendees reported that they particularly enjoyed speaker session topics about developing IPM programs in municipalities, the historical ecology of watersheds, abiotic plant disorders, and chemical controls in IPM. For future IPM conferences, attendees requested to see more content on alternatives to toxic chemicals in pest management, innovative IPM techniques, and the impact of pesticides on water quality.

### **Data Tracking**

The City's pesticide tracking database was developed and implemented in FY 04-05. In the FY 05-06 Annual Report, City applications of pesticides did not include data from DOT's Special Assessment Districts nor from PCOs contracted for City facilities due to data inaccuracies and/or unavailability. In FY 06-07 the City was able to work with the contractors to collect the appropriate data, resulting in inclusion of pesticide usage data from DOT Special Assessment Districts and PCOs for City facilities in this year's analysis. The tracking database was able to incorporate pesticide use data from Municipal Water Resources reservoirs, wells, and pump stations as well this year. With this additional information, FY 06-07 pesticide use tracking captures a much wider picture of pesticide use in City operations than in previous reporting years. In turn, FY 06-07 total pesticide usages for City applications are not directly comparable to previous fiscal years' usage numbers. Pesticide data tracking for golf courses in FY 06-07 was consistent to prior years; therefore, the usage numbers for golf courses over time are directly comparable and are presented as such. The City will strive to continue collecting pesticide use data from all City sources into the future, which will increase the availability of accurate and comparable data.

### **Pesticide Use**

This section highlights changes in usage of certain pesticides applied by City staff and Golf Course management staff. The discussion focuses on the products used in largest quantities for City applications and Golf courses. Highlights include:

- City applications of Karmex (diuron) continued to decrease in FY 06-07 in response to concerns about its impact on water quality.
- Use of chlorothalonil increased in both the City and golf courses due to an increased occurrence of fungi.
- City applications of oxadiazon decreased this year in response to its known reproductive toxicity and carcinogenic effects (CA Prop 65 List).
- Golf course applications of mancozeb continued to decrease in FY 06-07 in response to its known carcinogenic effects (CA Prop 65 List).
- SpeedZone (2,4-D, 2-Ethylhexyl Ester; 2,4-D, Isooctyl Ester; & Carfentrazone-Ethyl) was used more widely in FY 06-07 in City parks for broadleaf weed control, while glyphosate products were used the most frequently for weed control.

Overall, pesticide usage at golf courses decreased significantly from FY 05-06 to FY 06-07.

### **Training**

In April 2007, City staff held its annual training for staff responsible for applying pesticides. Participants were given an evaluation form to complete. Of the 124 staff that participated in the training, 53 evaluations were completed and returned. Results of the completed evaluations are indicated below and will serve as a guide for improving the training next year.

- 88% thought that the training subjects taught are appropriate to their work;
- 83% thought the training adequately described the City's IPM policy;
- 86% thought that the BMPs/SOPs described match their work practices;
- 94% thought that the training adequately described the relationship of BMPs/SOPs to compliance with the City's Stormwater NPDES permit; and
- 84% thought that the training adequately explained how they, City staff, could help the City maintain compliance with the Stormwater NPDES permit.

### 8.C PM Response to Water Board Comments

No comments received from Water Board on this Program Element.

### 8.D PM Summary Tables / Additional Information

ACTIVE INGREDIENT	FY 03-04 (LBS)	FY 04-05 (LBS)	FY 05-06 (LBS)	FY 06-07 (LBS)
<b>CITY APPLICATIONS</b>				
2,4-D, 2-Ethylhexyl Ester	13.85	0.00	74.24	0.08
2,4-D, Isooctyl Ester	0.00	0.00	0.00	207.59
Abamectin	0.00	0.00	0.00	0.02
Acephate	0.00	0.00	0.00	0.09
Aluminum Phosphide	0.10	0.00	0.00	80.65
Bifenthrin	0.00	0.00	0.00	0.03
Boric Acid	0.00	0.00	0.00	0.06
Bromadiolone	0.00	0.00	0.00	<0.01
Carfentrazone-Ethyl	0.71	0.00	3.82	10.69
Chlorfenapyr	0.00	0.00	0.00	0.03
Chlorophacinone	0.00	0.00	0.00	0.03
Chlorothalonil	0.00	0.00	0.00	90.10
Cyfluthrin	0.00	0.0002	0.000	0.08
Deltamethrin	0.00	0.00	0.00	0.07
Dicamba	0.88	0.00	4.74	13.26
Dikegulac Sodium	0.00	0.00	0.00	0.95
Diphacinone	0.00	0.00	0.00	<0.01
Diquat Dibromide	6.60	0.40	3.79	8.23
Diuron	424.00	874.19	408.00	209.8
D-trans Allethrin	0.00	0.00	0.00	<0.01
Ethephon	0.00	0.07	0.00	0.00
Fipronil	0.00	0.00	0.00	0.31

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ACTIVE INGREDIENT	FY 03-04 (LBS)	FY 04-05 (LBS)	FY 05-06 (LBS)	FY 06-07 (LBS)
Fluazifop-P-Butyl	0.00	0.12	0.00	0.25
Flutolanil	0.00	0.00	0.00	7.00
Fosetyl-Al	0.00	0.00	0.00	44.00
Glyphosate, Isopropylamine Salt	1857.16	1474.34	1225.22	1525.87
Glyphosate, Monoammonium Salt	0.00	22.82	130.30	292.74
Halosulfuron	0.02	0.04	0.06	0.00
Hydramethylnon	0.00	0.00	0.00	<0.01
Imidacloprid	0.00	0.23	0.00	0.00
Isoxaben	73.31	178.59	275.87	73.20
Mecoprop-P	3.51	0.00	18.82	52.66
Mefenoxam	0.00	0.00	0.00	0.03
Mefanoxam, other related	0.00	0.00	0.00	<0.01
Metaldehyde	0.00	0.20	4.00	8.64
MSMA	0.95	0.00	0.00	0.00
Myclobutanil	0.00	0.00	0.00	8.40
Nonanoic Acid	0.00	24.76	11.54	35.27
Nonanoic Acid, Other Related	0.00	1.30	0.61	1.86
Nonylphenoxy polyethoxy ethanols, isopropanol and fatty acids	29.81	0.00	0.00	0.00
Oryzalin	112.95	86.29	1244.61	1045.83
Oxadiazon	82.18	59.14	97.94	50.00
Pelargonic Acid	41.56	0.00	0.00	0.00
Pendimethalin	1603.68	818.38	651.42	562.91
Permethrin	0.00	0.00	0.00	2.52
Petroleum Distillates	0.00	0.00	0.00	0.12
Phenothrin	0.00	0.00	0.00	<0.01
Piperonyl Butoxide	0.00	0.00	0.00	0.03
Piperonyl Butoxide, other related	0.00	0.00	0.00	<0.01
Prodiamine	0.00	0.00	0.00	5.34
Propiconazole	0.00	0.00	0.00	2.60
Pyraclostrobin	0.00	0.00	0.00	1.44
Pyrethrins	0.00	0.00	0.00	<0.01
Quinclorac	0.00	0.00	3.75	0.11
Related Fatty Acids (C-6, C-12)	2.19	0.00	0.00	0.00
Sethoxydim	3.35	0.00	0.00	0.00
Silica Aerogel	0.00	0.00	0.00	0.10
Triclopyr, Butoxyethyl Ester	20.57	2.13	0.00	1.88
Trifluralin	18.00	0.00	40.00	43.20

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ACTIVE INGREDIENT	FY 04-05 (LBS)	FY 05-06 (LBS)	FY 06-07 (LBS)	DIFFERENCE FY 05-06 TO FY 06-07
<b>GOLF COURSES</b>				
2,4-D	21.88	0.00	0.02	0.02
2,4-D, Dimethylamine Salt	0.00	1.55	0.00	-1.55
3,7-Dichloro-8-quinolinecarboxylic	0.00	0.00	0.00	0.00
Acid Blue 9, Diammonium Salt	8.74	0.00	8.74	8.74
Azoxystrobin	1.63	1.50	0.00	-1.50
Chlorothalonil	462.53	60.07	75.26	15.19
Clopyralid, Monoethanolamine Salt	0.16	0.00	0.31	0.31
Clopyralid, Triethylamine Salt	18.00	22.46	17.28	-5.18
Copper	39.41	47.89	39.91	-7.98
Copper Carbonate, Basic	4.20	0.00	0.00	0.00
Copper Ethanolamine Complexes, Mixed	20.89	2.71	1.81	-0.90
Copper Sulfate (Pentahydrate)	629.24	247.50	0.00	-247.50
Copper Sulfate (Basic)	0.00	0.50	0.00	-0.50
Deltamethrin	0.28	0.30	0.00	-0.30
Dicamba	2.06	0.14	0.002	-0.14
Diquat Dibromide	0.38	0.21	0.10	-0.11
Dithiopyr	32.30	26.00	33.25	7.25
Fluazifop-P-Butyl	0.13	0.00	0.00	0.00
Flutolanil	8.40	7.00	7.00	0.00
Fosetyl-AL	16.80	17.60	0.00	-17.60
Glyphosate, Isopropylamine Salt	28.68	9.39	10.02	0.63
Glyphosate, Monoammonium Salt	20.37	44.88	7.52	-37.36
Imidacloprid	0.90	0.00	0.00	0.00
Iprodione	0.00	10.01	0.00	-10.01
Mancozeb	261.60	97.60	44.8	-52.80
Maneb	80.09	0.00	0.00	0.00
MCPP	9.79	0.00	0.01	0.01
MCPP, Dimethylamine Salt	0.00	0.41	0.00	-0.41
Mefenoxam	0.00	0.00	0.09	0.09
Oryzalin	2.35	0.00	0.00	0.00
PCNB	110.15	160.89	45.34	-115.55
Propiconazole	5.21	2.60	2.60	0.00
Pyraclostrobin	3.96	20.80	2.88	-17.92
Quinclorac	6.28	2.25	13.13	10.88
Tartrazine	0.88	0.00	0.88	0.88
Thiophanate-Methyl	23.45	0.00	0.00	0.00
Triadimefon	0.00	0.71	0.59	-0.12
Triclopyr, Triethylamine Salt	50.00	62.40	48.00	-14.4
Trifloxystrobin	1.50	0.00	0.00	0.00

## 9. M: Mercury

### 9.A M Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
<b>M 1</b>	<b>Municipal Use of Mercury –Containing Products</b> The City will eliminate all unnecessary municipal use of mercury-containing products and establish proper disposal methods for products that cannot be eliminated.			
M 1.A	Implement SCVURPPP guidelines for mercury-containing product reduction and management. These guidelines include a schedule for the timely phase-out of mercury-containing products identified for virtual elimination as well as reporting requirements, possibly to track recycling, replacement, and reduction in use of mercury-containing products.	Ongoing	Done FY 06-07 and ongoing. See 9.D: <i>Mercury-Containing Product Management Practices</i> for a listing of the City's management strategies.  In FY 06-07, the City expanded its municipal alkali and rechargeable battery recycling program to all City facilities. Thirteen major facilities have collection directly from the vendor, the rest of the facilities deliver batteries collected at their site to a central collection point. See 9.B. <i>Program Evaluation</i> for details.	ESD, GS
M 1.A.1	Collect and dispose of mercury-containing lamps generated in City-owned facilities	Ongoing	Done FY 06-07 and ongoing. The City purchases low mercury fluorescent lamps, and recycled more than 61,000 feet (11.5 miles) of mercury-containing lamps in FY 06-07 through its Lamp Recycling Program.	ESD, GS
M 1.A.2	Identify other mercury-containing products for virtual elimination, phase-out and/or proper disposal.	Annually, As Needed	Done FY 06-07. The City phased out the use of its lamp crusher for the disposal of low-pressure sodium lamps in FY 05-06, and dismantled the crusher in FY 06-07. Low-pressure sodium lamps do not contain mercury, but they are a Universal Waste, so they are recycled accordingly. The removal of the crusher removes the potential for mercury-containing lamps to be accidentally crushed and disposed of improperly. See 9.D: <i>Mercury Containing Product Management Practices</i> for a listing of actions the City is taking.	ESD, GS
M 1.B	Monitoring Mechanism I. Document completion of tasks in annual reports. Use mercury-containing product reporting guidelines.	Annually	Done FY 06-07. See 9.D: <i>Mercury Containing Product Management Practices</i> for a summary of management options identified and/or implemented to date.	ESD
<b>M 2</b>	<b>Household Hazardous Waste Collection</b> The City will provide mercury-containing product disposal services through household hazardous waste (HHW) collection programs for residents and small businesses and encourage the use of these programs.			
M 2.A	Provide mercury-containing product disposal services for residents and small businesses.	Ongoing	Done FY 06-07 and ongoing. The City supports the County of Santa Clara Department of Environmental Health's (DEH) Household and Small Business Hazardous Waste program and the in-store take-back program for Universal Wastes.	ESD-IWM

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
			<p>County DEH hosts weekly household and small business hazardous waste collection events. This service allows residents and small businesses in the county to properly dispose of their hazardous wastes, including mercury-containing products. In FY 06-07 this program provided service for 26,953 residents, an 8% increase over last year. In addition, 418 small businesses were served, including local government agencies, Goodwill Industries, and the Salvation Army.</p> <p>County wide, the program collected 65,860 pounds of household batteries (a 30% increase over last FY) and 1,170 pounds of elemental mercury (up from 425 pounds last FY). 65,860 pounds of household batteries were collected at HHW events and at the 49 retail/community drop-off locations throughout Santa Clara County. See the County Annual Report for details.</p>	
M 2.B	Work with Program and HHW collection agencies to develop and help publicize the fluorescent light recycling program.	Ongoing	<p>Done FY 06-07 and ongoing. The City supports the County of Santa Clara Department of Environmental Health's (DEH) Household and Small Business Hazardous Waste Program. In FY 06-07 the County collected 353,694 feet (88,423 pounds) of lamps. This is a marked increase from last FY's 277,000 feet (67,943 pounds) total. The City and the Program also worked with the County to publicize its fluorescent tube drop-off program. The Program developed and implemented the "Watch Out for Mercury Pollution!" media campaign designed to encourage residents to take their spent fluorescent lamps to any of 30 drop-off locations in Santa Clara County (up from 18 last FY).</p>	ESD, Program
<b>M 3</b>	<p><b>Monitoring and Science</b> The City will participate in coordinated monitoring efforts to support mercury TMDL development and implementation, including assessment of air pollution sources of mercury and concentrations of mercury in sediment.</p>			
M 3.A	Continue financial support of the Regional Monitoring Program (RMP), including the Mercury Deposition Network Pilot Study. Continue to actively participate in the RMP steering committee and technical review committee.	Ongoing	<p>Done FY 06-07 and ongoing. The City continues to support the RMP financially. The City provided in-kind services from December 2000 through December 2006, operating the Mercury Deposition Network station #CA72. (See M 3.B). The City continues to participate on the RMP steering committee, chairs the technical committee, and serves on the Sources, Pathways, and Loadings workgroup.</p>	ESD
M 3.B	The City of San José will continue to provide in-kind services for the maintenance of the Mercury Deposition Network site near San José.	12/31/2006	<p>Done FY 06-07. The City has operated and maintained the National Mercury Deposition Network site #CA72 since December 2000. The City collected samples, recorded</p>	ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
			data, and sent both the samples and data to the national MDN contract laboratory for analysis. The City also sent records to SFEI for inclusion in SF Bay RMP analyses. Weekly sample collection and data reporting continued through December 2006. Information on the National MDN program (including pictures of collection apparatus) can be found at: <a href="http://nadp.sws.uiuc.edu/mdn/">http://nadp.sws.uiuc.edu/mdn/</a> . The City chose to continue this activity beyond the December 2004 compliance date, and ceased activities after December 2006 following discussions with SFEI staff.	
<b>M 4</b>	<b>Regional, State, and Federal Coordination</b> Actively participate in regional, state, and federal coordination efforts to achieve a reduction in the amount of mercury in urban runoff and air emissions.			
M 4.A	Collaborate in technical studies to support TMDL development and implementation including the Santa Clara Basin WMI Guadalupe River Mercury TMDL Workgroup, RMP, and the CEP.	Ongoing	Done FY 06-07 and ongoing. The City participates in and supports programs to reduce mercury in stormwater runoff and air emissions, including the San Francisco Bay Regional Monitoring Program, National Mercury Deposition Network, AB 982 TMDL Public Advisory Group, WMI Guadalupe River Mercury TMDL Workgroup, and the Clean Estuary Partnership.	ESD
M 4.B	Support and participate in WMI Watershed Action Plan implementation.	Ongoing	Done FY 06-07 and ongoing. The Watershed Management Initiative (WMI) continues to work on implementing the Watershed Action Plan, through the actions of its subgroups and cooperative efforts with other collaborative groups, such as the Water Resources Protection Collaborative, the Habitat Conservation Plan, and the Fisheries and Aquatic Habitat Conservation Effort.	ESD
<b>M 5</b>	<b>Public Education and Outreach</b> Increase awareness of proper disposal of mercury-containing products and available non-mercury containing alternatives. Target audiences include residential, commercial, and industrial users and municipal employees.			
M 5.A	Coordinate with Program and HHW collection agencies to develop and implement a mercury-containing product outreach program to educate a selected target audience as well as encourage the proper use of the disposal of mercury-containing products.	Ongoing	Done FY 06-07 and ongoing. The Program maintains mercury-related information for residents on the MyWatershedWatch.org website. See Program Annual Report for details.  Mercury and Household Hazardous Waste messages were also included at the Home Show event. See 14.D: <i>PIP Activities</i> .  City staff attended Program-HHW Work Group meetings. The purpose of this work group is to identify areas where HHW and Stormwater messages and activities align and to enhance collaboration between the two programs. See the Program Annual Report for details.	ESD, Program, County HHW
M 5.B	Coordinate with municipal inspectors to integrate	Ongoing	Done FY 06-07 and ongoing. Provided proper handling	ESD



ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
	mercury outreach into the existing routine pretreatment, source control, and/or hazardous materials inspection processes of industrial businesses.		and disposal information for mercury-containing products to businesses attending the Industrial Users Academy. See 14.D: <i>PIP Activities</i> . Inspectors also distribute the County's Universal Waste brochure for businesses as needed.	
M 5.C	Attend community events and distribute outreach materials. (See Attachment A: Outreach Activities Summary)	Ongoing	Done FY 06-07 and ongoing. Messages regarding proper disposal of fluorescent tubes are included whenever the Household Hazardous Waste program is promoted, e.g. the Home Show. See 14.D: <i>PIP Activities</i> for details.	ESD
M 5.D	Monitoring Mechanism V.B. document and evaluate each outreach activity, including the target audience and number of residents and/or businesses reached.	Annually	See Program report and 14.D: <i>PIP Activities</i> for evaluation of outreach activities.	ESD, Program

## 9.B M Program Evaluation

In FY 06-07, the City focused its virtual elimination policy activities on the collection and disposal of batteries and mercury-containing lamps, with the goal of reducing the impact of mercury from City operations. The City purchases and encourages the use of low mercury fluorescent lamps in City facilities. The City recycled more than 61,000 feet of mercury-containing lamps in FY 06-07 through its recycling programs. Numbers reported in FY 05-06 were underestimated. That year, it was reported that just over 9,100 feet of mercury-containing lamps were recycled, when in fact 39,176 feet were recycled. Questions regarding mercury content and alternative products are part of the City's Request for Quotation (RFQ) forms.

Along with lamps, the City worked to expand battery recycling in City facilities. Battery recycling is implemented at all facilities (approximately 100), making it easier for municipal employees to lawfully dispose of spent batteries. The batteries are collected as Universal Waste and hauled offsite by an outside contractor – thirteen facilities have collection directly from the vendor, the rest of the facilities have to bring batteries collected at their site to a central collection point. From May 2006 to May 2007, 6,520 pounds of alkali and rechargeable batteries were collected and properly recycled.

The City, in conjunction with BAPPG, hosted three mercury thermometer take-back events for City residents in FY 06-07. 1,116 mercury-containing thermometers were collected at three City-sponsored events, and disposed of appropriately. This equates to 1,016 grams (2.3 pounds) of mercury removed from the environment. More thermometer exchange events will take place in San José as well as the Water Pollution Control Plant Service Area in FY 07-08.

FY 06-07 showed a remarkable increase in the number of fluorescent lamps turned in to the thirty drop-off stores in Santa Clara County for recycling. 353,694 Feet (88,423 pounds) of lamps were collected and disposed of properly, up from 277,000 feet (67,943 pounds) in FY 05-06. This increase in collection can be attributed, in part, to the consistent outreach and education done by the City, the Program, and the County Household Hazardous Waste program. The City will continue to support the Watershed Watch campaign along with its fluorescent lamp recycling messages in FY 07-08.

The City has operated and maintained a National Mercury Deposition Network (MDN) site from January 2000 through December, 2006. City Staff collected samples, recorded data, and sent both the samples and data to the national MDN laboratory. This represents a two-year extension of the City's original commitment to this activity. Support was discontinued after discussion with SFEI staff. The City continues its commitment to work with the Water Board and stakeholders toward TMDLs that are technically defensible and feasible for implementation. City staff participates in mercury TMDL efforts by providing comments on the Bay-wide Mercury TMDL Report and Basin Plan Amendment, and serves as the WMI Watershed Assessment and Monitoring Subgroup representative to the Guadalupe Mercury TMDL project. The City expects to actively participate in the development and implementation of both TMDLs in FY 06-07. In addition, the City supports SCVURPPP, CEP, RMP, BASMAA and BACWA as these agencies conduct technical studies to address uncertainties regarding mercury in the watershed.

**9.C M Response to Water Board Comments**

Comments were not received from the Water Board on this Program Element.

9.D M Summary Tables / Additional Information

**Mercury-Containing Product Management Practices**

MERCURY-CONTAINING PRODUCTS	NOT FOUND	MO #1: REPLACE WITH ALTERNATIVE	MO #2: ALTERNATIVE UPON FAILURE	MO #3: REDUCE USE	MO #4: RECYCLE	MO #5: HAZARDOUS WASTE	COMMENTS
<b>LAMPS:</b>							
Compact Source Lamp					I		Recycled through City's Lamp Recycling Program
Spectral Lamp	NF						
Fluorescent Lamp (Tubes)		I			I		Replacing existing lamps with low Hg lamps upon failure. All lamps are recycled through City's Lamp Recycling Program.
Metal halide Lamp					I		Recycled through City's Lamp Recycling Program
High pressure sodium Lamp					I		Recycled through City's Lamp Recycling Program
Mercury Vapor Lamps					I		Recycled through City's Lamp Recycling Program
Cold Cathode Lamp	NF						
Neon Lamp	NF						
Ultra-violet Lamp					I		
<b>THERMOSTAT PROBES (ALSO KNOWN AS FLAME SENSORS OR GAS SAFETY VALVES):</b>							
Furnaces					B		Implementation in progress
Water heaters					B		Implementation in progress
Ranges, ovens					B		Implementation in progress
Space heaters					B		Implementation in progress
<b>TILT SWITCHES AND RELAYS:</b>							
Tilt Switches at WPCP					I		
<b>Public Works Material Testing Lab</b>							
Thermometers					B		Implementation in progress
Other Mercury-containing materials					B		Implementation in progress
<b>WPCP LAB MATERIALS</b>							
Thermometers	NF						WPCP Lab uses alcohol-based thermometers and other traditionally mercury-containing apparatus
Mercury-containing Samples						I	Spent samples treated as Hazardous Waste and picked up by hauler every 2-3 months
<b>Status Key:</b> No Action: No action identified for implementation ID: Actions have been identified; implementation has not begun B: Began process of implementation I: Management option identified has been fully implemented NF: product was not found in municipal inventory to date				<b>Management Options Key:</b> MO #1: Replace with an alternative product when the product is identified, if an alternative exists. MO #2: Replace upon failure, with an alternative product if an alternative exists. MO #3: Reduce the use where possible MO #4: Recycle when no longer in use MO #5: When appropriate, dispose of as hazardous waste			

## 10. CNAP: Copper / Nickel Action Plans

### 10.A CNAP Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
<b>CB-1</b>	<b>Vehicle Washing Operations</b>			
CB-1.A	Have member of San José team trained to lead mobile cleaners certification seminar.	As needed	Done FY 06-07 and ongoing. City staff available to train as needed.	ESD
CB-1.B	Support Program in hosting mobile cleaners certification seminar.	FY 06-07	Done FY 06-07. Companies desiring training are directed to the BASMAA online training program, and offered a live training if they desire one. The City hosted a training on April 6, 2007 for City staff and contractors who do surface cleaning work. See 10.B: <i>CNAP Program Evaluation</i> and 13.D: <i>Municipal Employee Training Summary</i> .	ESD
CB-1.B.1	Promote list of certified mobile cleaning service providers.	Ongoing	Done FY 06-07 and ongoing. A link to the database of BASMAA-trained Recognized Mobile Surface Cleaners is posted on the City's website.	ESD
CB-1.C	Distribute coupons in support of Program partnership with Western Car Wash Association.	As needed, dependant on Program activities	Done FY 06-07. The Watershed Watch campaign partnered with Classic Car Wash to offer discounted car wash services thru the end of December 2007 to customers using their Watershed Watch card, which is available for free download on <a href="http://www.MyWatershedWatch.org">www.MyWatershedWatch.org</a> .	Program, ESD
<b>CB-3</b>	<b>Industrial Discharges</b>			
CB-3.A	Continue Distribution of information regarding copper from roof vents.	Ongoing	Done FY 06-07 and ongoing. Information is available on ESD website, and for Watershed Inspectors to distribute. The Roof Vent BMP was also distributed to 101 pertinent Industrial Users in San José, along with a cover letter informing businesses of the potential for roof runoff at their facilities. See 14.D: <i>PIP Activities Tables</i> for details	ESD
CB-3.A.1	Continue rooftop inspections. Evaluate efforts and need for any additional effort.	12/31/2005	Done FY 05-06.	ESD
CB-3.B	Mail NOI Package: information on the GIASP and how to comply, to targeted industrial facilities.	6/30/2006	Done FY 06-07. See CB-3.A.	ESD
<b>CB-8</b>	<b>Watershed Assessments and New Development</b>			
CB-8.A	See NRD section for details on San José implementation of C.3 permit provisions.		See NRD section for details on San José implementation of C.3 permit provisions.	
<b>CB-11</b>	<b>Street Sweeping and Storm System O&amp;M</b>			
CB-11.A	Track quantitative data on the tons of material removed and disposed and other relevant street sweeping program data.	Annually	Done FY 06-07. Residential street sweeping frequency is once per month. In FY 06-07, the area in which parking restrictions are enforced was again broadened to 239 curb	ESD-IWM, DOT

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
			miles, up from 196 curb miles in FY 05-06. In FY 06-07, approximately 35,694 cubic yards of debris were collected during all street-sweeping operations. See 5.B: <i>PSR Program Evaluation</i> for more information on street sweeping activities. The City also has a comprehensive storm sewer inlet cleaning program, where a Vactor removes debris from all of the City's inlets. In FY 06-07, approximately 442 cubic yards of debris were removed, down from 1,355 cubic yards in FY 05-06. See 6.A: <i>SDO Work Plan Self Evaluation Matrix</i> for details.	
<b>CB-12</b>	<b>Pools and Spas</b>			
CB-12.A	Distribute outreach materials at events, public counters, and post on City website.	Ongoing	Done FY 06-07. See 14.D: <i>PIP Activities Tables</i> for details	ESD
CB-12.B	Provide guidance to residents on disposal alternatives for pool and spa water.	Ongoing	Done FY 06-07. Residents who call for guidance are told to dispose of their pool and spa water in their sanitary sewer clean-out.	ESD
<b>CB-21</b>	<b>Architectural use of copper</b>			
CB-21.A	Continue to discourage architectural use of copper during Planning application review.	Ongoing	Done FY 06-07 and ongoing. As projects undergo review, comments discouraging architectural use of copper in development projects are given. Projects have been revised to reduce the use of copper and direct runoff to landscaped areas. See NRD 9.	PBCE-Planning
CB-21.B	Continue to monitor progress of San José Green Building program to identify opportunities for discouraging architectural use of copper.	Ongoing	Done FY 06-07 and ongoing. ESD has a dedicated LEED-accredited staff person who reviews public projects and advises City staff on Green Building materials and techniques, including discouraging architectural use of copper.	PBCE-Planning ESD-UR
<b>NB-1</b>	<b>Discharges from Construction Sites</b>			
NB-1.A	See NRD and CON program elements for activities that address erosion control.	Ongoing	Ongoing. See NRD and CON program elements for activities that address erosion control.	

## 10.B CNAP Program Evaluation

Measures to control copper discharges that require implementation at the municipal level have been integrated into ongoing City activities identified in the IND and NRD sections of the URMP. Copper and Nickel also remain among the list of pollutants addressed by general and targeted outreach regarding stormwater pollution prevention. Additionally, the City provides the monitoring and data analysis used to evaluate water quality trigger levels associated with the Copper and Nickel Action Plans for the South Bay. The City's South Bay Monitoring Program collects samples from 12 stations monthly in the Lower South San Francisco Bay, and compares dry season indicator station means to trigger levels originally set out in the Copper/Nickel action plan. To date, the project has collected over 1500 samples for analysis of dissolved copper and nickel.

The City continued its NOI Filers Project in FY 06-07. Select facilities were contacted and encouraged to comply with the State's General Industrial Activities Stormwater Permit (GIASP). The contact letter included a checklist to help determine if the facility needed to be covered by the GIASP, a flow chart detailing the development and implementation of a SWPPP, and a reprint of a previously published Tributary Tribune article with information about the GIASP and the Stormwater Enforcement Act of 1998 (AB 2019). The City sent the contact package to 101 facilities in San José. These facilities were selected based on the following criteria:

- Facilities listed in Watershed Enforcement's Industrial and Commercial database (EEDMS).
- Facilities with a GIASP Category of 8 or 10 (Based on SIC Code)
- Facilities documented by Watershed Enforcement Inspectors as either needing to file NOI or no determination made. (Facilities identified as not needing to file or found to have already filed were not contacted.)

The contact package was sent out to all facilities with the above criteria AND with the SIC code identified in the 1998 *Industrial Stormwater Quality Monitoring Pilot Project*.

Watershed Enforcement Inspectors are trained in GIASP requirements. They evaluate each facility for applicability of the GIASP, and make recommendations to the facility owners/operators based upon their findings. These activities are fully integrated into the standard operating procedures for Watershed Enforcement inspections. Facilities found to need to file are reported to the Water Board annually in the City's URMP Annual Report. See 2.D: *Companies Requiring NOI Based on SIC But Have Not Filed* and 2.D: *Companies Requiring NOI Based on Exposure But Have Not Filed* for this information.

On April 6, 2007 the City hosted a Mobile Surface Cleaner Training for City employees and contractors who perform surface cleaning services for the City. Thirty-six City employees and contractors attended the training, took the quiz, and received their two-year recognition. See 13.D: *Municipal Employee Training Summary*.

## **10.C CNAP Response to Water Board Comments**

No comments received from the Water Board on this Program Element.

## **10.D CNAP Summary Tables / Additional Information**

No additional information for this Program Element.

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## 11. TRA: Trash

### 11.A TRA Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
<b>TRA 1</b>	<b>Inventory, Document and Evaluate Trash Management Practices</b>			
TRA 1.A	Complete Program survey of existing trash management practices.	Done FY 02-03	Done FY 02-03.	ESD
<b>TRA 2</b>	<b>Document and Map Known Trash Problem Areas</b>			
TRA.2.A	Identify data sources and information showing the location of known trash problem areas (e.g., trash complaints/incidents and eradication efforts.)	Done FY 03-04	Done FY 03-04.	ESD
TRA 2.B	Compile trash problem location data/information and submit to Program for conversion to coordinates for GIS mapping.	Done FY 03-04	Done FY 03-04.	ESD
TRA 2.C	Revise and update documentation (list of locations, maps, etc.) of known trash problem areas.	As Needed	No updates were required in FY 06-07.	ESD
<b>TRA 3</b>	<b>Conduct Trash Evaluations</b>			
TRA 3.A	Work with Program to select trash evaluation methodology.	Done FY 03-04	Done FY 03-04.	ESD
TRA 3.B	Assist Program with planning and organizing of training workshop for municipal staff.	Done FY 03-04	Done FY 03-04.	ESD
TRA 3.C	Participate in the trash evaluation methodology training workshop.	Done FY 04-05	Done FY 04-05.	ESD
TRA 3.D	Conduct trash evaluations and submit to Program staff:	--	--	ESD
TRA 3.D.1	Coyote Watershed	Done FY 04-05	Done FY 04-05.	ESD
TRA 3.D.2	Remaining San José locations	Done FY 05-06	Done FY 05-06.	ESD
TRA 3.E	Continue trash evaluations in high-priority areas to track changes over time.	Ongoing	Done FY 06-07 and ongoing. Trash evaluations were performed at 9 of the 10 high-priority locations in San José identified in FY 05-06's Annual Report. One hotspot, Coyote Creek at Watson Park, was not re-assessed this year because the site is still closed for remediation. Trash evaluations at high-priority sites will continue in FY 07-08. See 11.D: <i>Trash Problem Area Activity Report</i> .	ESD
<b>TRA 4</b>	<b>Develop Standardized Documentation and Reporting Format</b>			
TRA 4.A	Work with Program to develop a reporting format to document trash management activities in Annual Reports.	Done FY 03-04	Done FY 03-04.	ESD
<b>TRA 5</b>	<b>Document and Analyze Evaluation Results; Identify and Prioritize Trash Problem Areas</b>			



ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
TRA 5.A	Assist Program staff with the documentation and analysis of trash evaluation results.	Ongoing	Done FY 06-07 and ongoing. The City submitted trash assessment data to Program.	ESD
TRA 5.B	Identify high-priority trash areas using trash evaluation results:	--	--	ESD
TRA 5.B.1	Coyote Watershed	Done FY 04-05	Done FY 04-05.	ESD
TRA 5.B.2	Remaining San José locations	Done FY 05-06	Done FY 05-06.	ESD
<b>TRA 6</b>	<b>Identify and Implement Trash Management Practices</b>			
TRA 6.A	Identify reasonable trash management practices to address high-priority areas (in TRA 5B).	Ongoing	Done FY 06-07 and ongoing. See 11.D: <i>Trash Problem Area Activity Report</i> .	ESD, PRNS, GS, DOT
TRA 6.B	Implement or refine trash management practices at high-priority areas to the maximum extent practicable.	Ongoing	Done FY 06-07 and ongoing. The City continued support of Friends of Coyote Creek and their annual clean-up that takes place at a high priority areas on the Coyote Creek. The City partnered with the Water District to clean up three locations with significant trash accumulations on Coyote Creek and one on Los Gatos Creek this fiscal year as part of a memorandum of agreement. The City continues to support the Anti-Litter Program, which has more than 3,100 volunteers participating in litter removal throughout the City. See 14.D.: <i>PIP Activities</i> for more information on litter-related Citizen Involvement activities.	ESD, PRNS, GS, DOT
TRA 6.C	Document and report implementation of trash management actions.	Ongoing	Done FY 06-07 and ongoing. See 11.D: <i>Trash Problem Area Activity Report</i> .	ESD
TRA 6.D	Provide Program with information on trash management practices implemented on standardized reporting format.	Annually	Done FY 06-07. Reviewed and provided comments on the Trash Problem Area Activity Report Form developed by the Program.	ESD
TRA 6.E	Provide Program with trash assessment data forms.	Annually	Done FY 06-07 and ongoing. The City submitted trash assessment data to Program.	ESD
<b>TRA 7</b>	<b>Review and Update Performance Standards and Develop Long-Term Strategy for Trash Management</b>			
TRA 7.A	Assist with the review and update of existing standards that address BMPs or control measures relevant to trash management.	TBD by Program	See Program Annual Report for details.	ESD
TRA 7.B	Assist Program staff in developing a long-term strategy for trash conditions in urban streams and waterways.	Ongoing	Done FY 06-07 and ongoing. Staff participated in Trash AHTG meetings in which discussions began regarding a long-term strategy.	ESD
<b>TRA 8</b>	<b>Implement a Pilot Demonstration Project</b>			
TRA 8.A	Assist Program in implementing a pilot project to address trash conveyed through the storm drain system.	FY 06-07	Done FY 06-07 and ongoing. The City has worked closely with the Program and other co-permittees to coordinate two structural trash pilot projects in the Santa Clara Basin. These pilots are scheduled to begin in FY 07-08.	ESD, DOT, PW
TRA 8.B	Begin piloting the use of structural controls to prevent trash from entering the storm sewer system.	FY 06-07	Done FY 06-07 and ongoing. The City hired a contractor to manufacture and install 50 inlet trash screens in select	ESD, DOT, PW

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
			pilot locations in the City. Installation will occur in fall of 2007.	
TRA 8.C	Pursue grant funding to support installation of structural controls for trash management.	Ongoing	Done FY 06-07. No grants for this type of work were found.	ESD, DOT, PW

## 11.B TRA Program Evaluation

In FY 06-07 the City continued to perform trash problem area assessments, supported City and community trash clean-up efforts, and evaluated the need and effectiveness of additional trash management activities for future implementation.

Initial trash assessments were performed at the nine assessment sites identified in last year's Annual Report as needing additional assessment. Seven of these assessments were completed using the Keep America Beautiful (KAB) Litter Index, since the Urban Rapid Trash Assessment (URTA) was infeasible due to access limitations and safety concerns. In general, trash assessments revealed that existing trash management activities are sufficient. Scores for some locations, however, indicated that some additional efforts are needed to control trash. Only two of the seven sites assessed using the KAB methodology earned an average score of 3 (littered) or 4 (extremely littered), indicating a modest need for improvement. In FY 07-08, the City will work with Program staff to refine Trash Assessment activities and identify new assessment sites based on potential to generate litter, hotspot data, and anecdotal knowledge of problem areas. See 11.D: *Trash Problem Area Activity Report* for assessment data.

### Enhanced Trash Management Practices

The City continues to maximize existing resources to address trash problem areas throughout the City. This year the City of San José and the Santa Clara Valley Water District (District) continued efforts associated with the Memorandum of Agreement for Trash Prevention and Removal (Trash MOA) executed in FY 04-05. Partnered clean-up projects on Coyote Creek and Los Gatos Creek were the highlight of FY 06-07 activities. The Trash MOA calls for three partnered clean-up projects each calendar year that are intended to take place at locations that fall outside the normal scope of operations of the City and District. During this reporting period, three partnered clean-up projects occurred on Coyote Creek and one on Los Gatos Creek. An estimated total of 16.03 tons of debris was removed, a four-fold increase from the last year's partnered clean-ups. Over half of the debris was pulled from one of the sites, demonstrating why it was a priority for the City and District's efforts.

The City's Anti-litter Program has over 3,100 Pick Up San José volunteers, a 10% increase in the number of volunteers cleaning litter from City streets, parks, and waterways. Pick Up San José volunteers and one-day clean-up event volunteers collected 2,118 bags of litter in FY 06-07. The Anti-litter program also has 136 of its 150 Litter Hot Spots 'adopted' and volunteers have collected 2,016 bags of litter from these sites. In total, 4,134 bags of litter were collected and disposed of, which is estimated to be over 60 tons of litter removed from San José's watersheds. In addition, the Anti-litter Program eliminated eight illegal dumpsites, using clean-up and enforcement to discourage additional dumping at these sites.

ESD met with Redevelopment Agency staff to look into the feasibility of piloting dual-purpose storm drain inlet hoods in the downtown core. These inlet hoods would have both trash exclusion capabilities and a pre-cast 'No Dumping' message. Unfortunately, these devices are cost-prohibitive and would require lengthy technical evaluation to determine their impact on flood control before they could be installed. The City has tabled this idea and is focusing on different structural trash control methodologies.

In FY 05-06 DOT piloted new catch basin grates as part of an Americans with Disabilities Act street retrofit in downtown San José neighborhoods. In addition to providing a firm surface for wheelchairs, walkers, crutches and the like, the catch basins prevent large pieces of trash from entering the storm drain. DOT monitored the catch basins to evaluate increased maintenance and whether the grates aggravate flooding. Unfortunately, these grates collect so much litter and debris on their surfaces as to cause localized flooding after even minor rain events. Many of these grates will be removed and replaced with a more efficient flood control option.

In FY 07-08, the City will continue to identify ways to enhance existing trash management practices, including the piloting of structural trash controls like catch basin inserts. In addition, the City intends to complete production on public education materials designed to educate the public on the impact of litter on the condition of urban creeks.

### 11.C TRA Response to Water Board Comments

No comments were received from the Water Board on this Program Element.

### 11.D TRA Summary Tables / Additional Information

#### *Trash Problem Area Activity Report*

#	DATE	SITE ID	WATERSHED	LOCATION	ASSESSMENT METHOD	SCORE	EXISTING TRASH MANAGEMENT ACTION	RECOMMENDED MANAGEMENT ACTIONS AND/OR FUTURE EVALUATIONS
1	6/15/07	SJ02	Guadalupe	Blackford High School (Boynton Ave between Blackford & Underwood)	KAB <sup>2</sup>	1.5	Monthly street sweeping, as well as being on the Anti-Litter Program list and is periodically cleaned by volunteers or City staff.	Site was mostly clean, except for a sudden increase in trash in front of apartment complex on corner of Underwood. Contact Code Enforcement to get that part of the site cleaned. One additional assessment is recommended to ensure that the site's litter levels do not increase.
2	6/13/07	SJ07	Coyote	Penitencia Creek at Creekland Cir	RTA <sup>3</sup>	104	This location is on the Anti-Litter Program list and is periodically cleaned by volunteers or City staff.	Creek and banks were clean. Existing trash management practices appear to be sufficient. Future assessment not recommended.
3	6/13/07	SJ14	Guadalupe	Old Almaden Rd from Capitol Expwy to Foxworthy	KAB	3	Monthly street sweeping, as well as being on the Anti-Litter Program list. Part of the site is part of the District's Adopt-a-Creek program	Trash appears to be vehicle-generated. Recommend site for semi-annual creek clean-ups. Future assessment recommended.
4	6/15/07	SJ15	Guadalupe	E side of Camden Av between Guadalupe Mines Rd and Vista Loop	KAB	1	Monthly street sweeping, as well as being on the Anti-Litter Program list. Part of the site is part of the District's Adopt-a-Creek program	Trash appears to be vehicle-generated, and minimal. Future assessment not recommended.
5	6/15/07	SJ19	Guadalupe	Camden Av between Coleman and Camden Village Cir	KAB	2	Monthly street sweeping, as well as being on the Anti-Litter Program list. Part of the site is part of the District's Adopt-a-Creek program	Trash appears to be vehicle-generated and wind-borne. Recommend site for semi-annual creek clean-ups. Future assessment is not recommended.
6	6/15/07	SJ23	Coyote	Yerba Buena Creek at Evergreen Park	RTA	80	Park Maintenance staff maintains the park on a regular basis.	Trash appears to have blown in from adjacent park, and littered by park users in the dry creek bed and on pedestrian bridge. Future assessment is recommended.
7	6/13/06	SJ27	Coyote	Coyote Creek between Berryessa Rd and Mabury Road	KAB	2.5	Creek access was too limited, so assessment done on street. No trash management actions apparent.	The fence on the vacant lot on the corner of Mabury and Commercial acts as a wind dam which collects litter. Contact property owner to remove litter. Future assessment is recommended.

<sup>2</sup> Keep America Beautiful (KAB) Litter Index ratings are: 1-No litter, 2- slightly littered, 3- Littered, 4- extremely littered

<sup>3</sup> Rapid Trash Assessment (RTA) scores range from 0 (worst) to 120 (best). Scores are expressed above as overall numeric score/quantity of trash counted

#	DATE	SITE ID	WATERSHED	LOCATION	ASSESSMENT METHOD	SCORE	EXISTING TRASH MANAGEMENT ACTION	RECOMMENDED MANAGEMENT ACTIONS AND/OR FUTURE EVALUATIONS
8	6/13/06	SJ28	Coyote	Coyote Creek at Julian Street Bridge	KAB	3	San Jose High Academy cleans adjacent banks on National River Clean-up Day and Coastal Clean-up Day. Friends of Coyote Creek clean watercourse and banks once a year.	Natural vegetation frequently creates a dam at this site. No additional management actions recommended. Future assessment is recommended.
9	6/13/06	SJ30	Coyote	Coyote Creek at Upper Penitencia (confluence adjacent to Flea Market), on Berryessa Rd.	KAB	1	Flea Market staff cleans the parking lot and creek banks regularly. Area appeared cleaner than in previous assessments.	No additional management actions recommended. A periodic communication with the Flea Market Management may help. One additional assessment is recommended, to see if litter levels remain constant.

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## 12. MON: Monitoring

### 12.A MON Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
<b>PCB</b>	<b>PCB Control Program</b>			
PCB.A	Identify sampling sites that may contain PCB contaminated sediment based on land use, anecdotal information, and suitability of the site for data collection.	Done 6/00	Done, prior to FY 01-02.	Program
PCB.B	Conduct initial sampling at four sites determined by Task A.	Done 10/00 & 3/01	Done, prior to FY 01-02.	Program
PCB.C	Prepare and submit to the Program a case study report for drainage areas associated with initial PCB sampling.	Done 10/01	Done FY 01-02.	Program
PCB.D	Conduct a second round of sampling at 10 additional sites selected for follow up study.	Done 11/01	Done FY 01-02.	Program
PCB.E	Submit a report on the second-year watershed characterization studies to the Regional Board.	4/15/02	Done FY 01-02.	Program
PCB.F	Complete a draft work plan with additional actions related to identifying PCBs sources and implementing controls and a schedule for their completion.	6/3/02	Done FY 01-02.	Program
PCB.G	Begin implementation of final PCB Control Plan upon approval.	TBD	The City is working with the Program and the Water Board through the CEP to develop a comprehensive strategy for PCB control.	ESD-WE, Program
<b>Dioxin</b>	<b>Dioxin-like Compound Control Program</b>			
Dioxin.A	Characterize distribution of Dioxin-like compounds in the urban runoff system based on existing data.	6/02	Program level activity.	Program
Dioxin.B	Begin implementation of SCVURPPP plan to characterize distribution of Dioxins.	10/02	Program level activity.	Program
Dioxin.C	Submit plan that identifies control measures / management practices to eliminate or reduce discharges of Dioxins, if needed.	3/03	Program submitted draft Control Plan separately 3/1/02.	Program
<b>MON 1</b>	<b>Industrial Stormwater Monitoring Pilot Program</b>			
MON 1.A	Review data used to estimate the industrial contribution of pollutants to storm system in MCMP.	Done 5/97	Done, prior to FY 01-02.	ESD
MON 1.B	Identify monitoring objectives based on issues identified in task A. Select industry group.	Done 6/97	Done, prior to FY 01-02.	ESD
MON 1.C	Identify willing industry participants. Review site SWPPPs.	Done 7/97	Done, prior to FY 01-02.	ESD
MON 1.D	Design sampling program for industry sites identified	Done 8/97	Done, prior to FY 01-02.	ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
	per task C.			
MON 1.E	Conduct sampling during first 30 minutes of effective storm events.	Done 4/98	Done, prior to FY 01-02.	ESD
MON 1.F	Analyze data per the Program objectives	Done 5/98	Done, prior to FY 01-02.	Program
MON 1.G	Develop guidance for industry to improve SWPPP implementation and monitoring.	Done 6/98	Done, prior to FY 01-02.	ESD
MON 1.H	Provide technology transfer information and training to industry and municipal inspectors.	Ongoing, See IND PS	Done. Remaining ongoing portions of MON 1 done as part of IND 6.	ESD
MON 1.H.1	Identify facilities for general outreach/awareness programs.	Ongoing, See IND PS	Done. Remaining ongoing portions of MON 1 done as part of IND 6.	ESD
MON 1.H.2	Develop educational materials for general outreach programs. Identify appropriate forum for outreach efforts.	Ongoing, See IND PS	Done. Remaining ongoing portions of MON 1 done as part of IND 6.	ESD
MON 1.H.3	Train trade organizations in Industrial Activities Stormwater outreach programs. Conduct outreach.	5/02 Done	Done. Remaining ongoing portions of MON 1 done as part of IND 6.	ESD
MON 1.H.4	Identify industrial facilities for focused BMP Development.	7/02 Done	Done FY 01-02.	ESD
MON 1.H.5	Gain participation of trade organizations in identifying significant pollutant sources and developing appropriate BMPs.	9/02 Done	Done FY 01-02.	ESD
MON 1.H6	Conduct program to develop BMPs and measure effectiveness.	11/02	Done. Remaining ongoing portions of MON 1 done as part of IND 6.	ESD
<b>MON 3</b>	<b>First Flush Monitoring Program</b>			
MON 3.A	Identify sampling sites based on land use, and suitability of the site for data collection.	Done 6/97	Done, prior to FY 01-02.	ESD
MON 3.B	Train staff on sampling procedures, protocols and safety measures.	Done 9/97	Done, prior to FY 01-02.	ESD
MON 3.C	Collect representative samples from first effective rainfall and every opportune rainfall event of the season.	Done 4/98 through 4/00	Done, prior to FY 01-02.	ESD
MON 3.D	Analyze each season's data to characterize runoff constituents.	Done 6/98 through 6/00	Done, prior to FY 01-02.	ESD
MON 3.E	Provide screen of analysis to further identify location and extent of pollutants for source control and outreach efforts.	Done 7/98 through 6/00	Done, prior to FY 01-02.	ESD
MON 3.F	Based on analysis, provide information for targeting sampling.	Done 12/02	Done FY 02-03.	Program
MON 3.G	Compare results with other sites, regional monitoring efforts, trends and other data to provide indication of relative magnitude of pollutant problem.	Done 9/02	Done FY 02-03.	Program

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
MON 3.H	Explore modeling approaches to characterize water quality in the watershed and target additional monitoring efforts.	Done 9/02	Done FY 02-03.	Program
MON 3.I	Provide data to SCVURPPP Program as part of 5-Year Monitoring Program.	Report 6/02	Done FY 02-03.	ESD

## 12.B MON Program Evaluation

Monitoring activities are conducted effectively at the Program level with participation from City staff to support collaboration with the Water Board (through the CEP) and to provide technical review of Program products. The City participated in a Program-wide survey of relevant municipal policies and practices that might serve to reduce dioxin emissions. These included activities relating to multiple potential source types such as fireplace and wood-burning appliances, diesel use, pesticide use, and paper use. The City supplied information to the Program in support of this effort. The City has existing wood burning and wood burning appliance ordinances in place that effectively reduce the potential for atmospheric dioxin release. In addition, the City has begun use of biofuel blends for diesel vehicles that also serve to reduce the potential for dioxin emissions.

The City continues to participate actively in SCVURPPP monitoring program field activities whenever they are conducted within the City's jurisdiction. Moreover, City staff assist in regional monitoring studies within its jurisdiction such as the Guadalupe loads study and the Prop. 319-funded stormwater sediment characterization study currently being done by SFEI.

## 12.C MON Response to Water Board Comments

No comments received from Water Board on this Program Element.

## 12.D MON Summary Tables / Additional Information

No tables or additional information.



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## 13. MC: Municipal Compliance

### 13.A MC Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
<b>MC 1</b>	<b>Municipal Training</b> Municipal Training is a critical function of the City's NPDES Permit. Municipal compliance is dependent on the level and quality of the training provided.			
MC 1.A	Identify training needs.	Annually	Done FY 06-07. Short focused BMP trainings on erosion and sediment control activities at construction sites for Public Works and Building inspectors were identified as training needs.	ESD-UR
MC 1.A.1	Conduct training for City staff and City contractors that perform surface cleaning at City facilities.	FY 06-07 As Needed	Done FY 06-07. Training was conducted on April 6, 2007. Prior to the training, the City received a stormwater complaint involving a City contractor conducting surface cleaning at a City facility; the contract manager was notified and the job was shut down until appropriate BMPs were in place.	DOT, GS, ESD
MC 1.B	Develop curricula.	As Needed	Done FY 06-07 for training noted in MC 1.A.	ESD-UR
MC 1.C	Conduct training.	Ongoing	Done FY 06-07. See 13.D: <i>Municipal Employee Training Summary</i> .	ESD-UR
MC 1.D	Evaluate municipal training program and make improvements as needed.	Annually	Done FY 06-07. The City conducted municipal training for all required Program Elements. Evaluation forms were handed out, collected and reviewed by instructors. This information will be used to make improvements as needed.	ESD-UR
<b>MC 2</b>	<b>Municipal Facilities Assessment and Compliance</b> Municipal facilities are required to comply with stormwater regulations. Efforts to reduce contaminated discharges from City facilities must be similar to those required of private businesses. While many elements for permit compliance are in place, the City requires a systematic approach to City facilities compliance at the level of effort required in the URMP.			
MC 2.A	Conduct Corp Yard assessments and inspections.	Annually	Done FY 06-07. Annual Corporation Yard inspections were conducted in the first quarter of 2007. Three Hazardous Material inspections at each of the Corp Yards and Municipal Garage, which include stormwater issues, were conducted over the course of FY 06-07.	ESD-UR, GS, DOT
MC 2.A.1	Conduct Citywide meeting to discuss Hazardous Material, Safety, and Stormwater issues for City corporation yards (up to two times per year).	Annually	Done FY 06-07. A Citywide Hazardous Materials Management meeting was conducted on June 26, 2007. The meeting was conducted in order to prioritize the hazardous material, safety, and stormwater issues staff will focus on for the Corp Yards in FY 07-08.	GS, ESD, DOT, Fire, Police
MC 2.A.2	Revise Corporation Yard inspection form.	Done FY 05-06 As Needed	Done FY 05-06. No revision to the form was necessary in FY 06-07.	ESD-UR

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
MC 2.B	Review Municipal Facilities SWPPPs.	Annually	Done FY 06-07. See MC 2.B.1.	ESD-UR, GS, DOT
MC 2.B.1	Fully revise the five (5) remaining Corporation Yard SWPPPs (using the Main Yard revised SWPPP pilot process as a template).	6/30/07	Done FY 06-07. SWPPP revisions for last two of the Corp Yards (Central and Municipal Garage) were drafted in FY 06-07 and are currently out for review and comment. The City anticipates completion of full revisions for these two Corp Yard SWPPPs within the next month.	ESD-UR, GS, DOT
MC 2.C	Conduct SWPPP training at City corporation yards.	Annually	Done FY 06-07. SWPPP training sessions were conducted at the Corp Yards in June 2007.	ESD-UR, GS, DOT

### 13.B MC Program Evaluation

#### Training

During FY 06-07, the City conducted municipal training for all required Program Elements. See 13.D: Municipal Employee Training Summary. Attendees for these trainings complete evaluation forms and turn them into the instructors (These forms are later entered in to a tracking database.) Instructors review this information to see where they can improve the training.

Highlights of FY 06-07 trainings included:

- a) Fats, Oil, and Grease Training, held for new ESD inspectors 10/06;
- b) Inspection Techniques, held for new ESD Inspectors 1/07-6/07;
- c) Fats, Oil, Grease, and Industrial Discharge Training, held for new ESD Inspectors 4/07-6/07;
- d) Administrative Citations & ICID Training, held for ESD Inspectors 6/07;
- e) Post Construction BMPs: Basis, Swales, and Bioretention Units, held for Building and Plumbing Inspectors 1/07;
- f) New and Redevelopment Provisions of the Storm Water Permit, held for San Jose State University students 2/07;
- g) During Construction of Permanent BMPs: Basins, Swales, Bioretention, and Mechanical Units, held for Engineering and Construction Services 4/07;
- h) During Construction of Permanent BMPs: Basins, Swales, Bioretention, and Mechanical Units, held for the Airport 4/07;
- i) Implementing Storm Water Requirements in New Development and Redevelopment Projects, held 6/07; and
- j) Erosion and Sediment Control BMP focused trainings (20 sessions) held for Public Works and Building inspectors 11/06-4/07.

#### Municipal Facilities

Annual Corporation Yard stormwater inspections were completed in the first quarter of 2007.

In FY 06-07 City staff conducted three Hazardous Material inspections at each of the Corp Yards and Municipal Garage, which also include stormwater issues, over the course of the year. A City-wide meeting to discuss hazardous materials, safety, and stormwater issues was held on June 26, 2007. These regular meetings have proven to be effective in improving the coordination between GS staff, ESD staff, and Corp Yard representatives. The combination of an annual stormwater assessment inspection, including stormwater concerns in the hazardous material inspections, and the Citywide Hazardous Material Management meetings, which include stormwater issues,

continues to be working well. The concerns in the Corp Yard inspection reports are usually minor and resolved swiftly; concerns that are more significant are less frequently noted as the program is becoming part of the institution of the Corp Yards.

Corp Yard SWPPP training was held in June 2007 for the GS and PRNS Corp Yard staff. Participants were given an evaluation form to fill out. Of the 92 staff that participated in the training, 71 evaluations were completed and returned. Results of the completed evaluations are summarized below:

- 90% responded that the training subjects taught are appropriate to their work;
- 91% responded that the BMPs/SOPs described match their work practices;
- 94% responded that the training adequately described the relationship of BMPs/SOPs to compliance with the City's Stormwater NPDES permit;
- 92% responded that the training adequately explained how they, City staff, can help the City maintain compliance with the Stormwater NPDES permit; and
- 96% responded that the training adequately explained a SWPPP.

SWPPP revisions for two of the Corp Yards (Central and Municipal Garage) were drafted in FY 06-07 and are currently out for review and comment. The City anticipates completion of full revisions for these two Corp Yard SWPPPs within the next month.

### 13.C MC Response to Water Board Comments

No comments received from Water Board on this Program Element.

### 13.D MC Summary Tables / Additional Information

#### *Municipal Employee Training Summary for FY 06-07*

PS ID #	DATE OF TRAINING	TOPIC	SPONSORED OR HELD BY	DIVISION/SECTION ATTENDING	# ATTENDED	TENTATIVE FY 07-08 SCHEDULE
IND 5B & 5C	9/11/06-9/14/06	Presenter at EPA/WEF FOG Training Workshop	Environmental Protection Agency	ESD Watershed Enforcement Inspector	1	TBD
ICID 3A & 3B IND 5B & 5C	9/30/06	Emergency Inspection Techniques	FEMA	ESD Watershed Enforcement Inspectors	16	TBD
ICID 3A & 3B IND 5B & 5C	10/06	How to Schedule Inspections Using Task Planning	ESD Watershed Protection Division	ESD Watershed Enforcement Inspectors	12	TBD
IND 5B & 5C	10/06	Fats, Oil, and Grease Training	ESD Watershed Protection Division	ESD Watershed Enforcement Inspectors	16	TBD
IND 5B & 5C	10/17/06	Grease Interceptor Inspector Training Workshop	Environmental Engineering & Contracting	ESD Watershed Enforcement Inspectors	9	TBD
IND 5B & 5C	10/06, 11/06, & 12/06	Hazwop (Hazardous Waste Operations) Annual Refresher	Network Environmental Systems	ESD Watershed Enforcement Inspectors	6	TBD
IND 5B & 5C	11/15/06	Presenter at Cal Fats, Oil, Grease Meeting – Alternate Energy	California FOG Meeting on Alternative Energy	ESD Watershed Enforcement Inspector	2	TBD
ICID 3A & 3B IND 5B & 5C	12/7/06	Traffic Control & Flagger Safety	Outside Consultant	ESD Watershed Enforcement Inspectors	16	TBD

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PS ID #	DATE OF TRAINING	TOPIC	SPONSORED OR HELD BY	DIVISION/SECTION ATTENDING	# ATTENDED	TENTATIVE FY 07-08 SCHEDULE
ICID 3A & 3B IND 5B & 5C	1/07– 6/07	Inspection Techniques for New Inspectors	ESD Watershed Protection Division	ESD Watershed Enforcement Inspectors	6	TBD
ICID 3A & 3B	2/26/07 – 2/28/07	Inspector Training Enforcement, Storm Water Controls, Technology, Pollution Prevention Case Studies, and Storm Water Program Developments	34 <sup>th</sup> Annual CWEA Pretreatment, Pollution Prevention, & Storm Water (P3S) Conference	ESD Watershed Enforcement Inspectors, ESD Source Control Inspectors, ESD Pollution Prevention	10	TBD
ICID 3A & 3B	3/15/07	Presenter at CWEA/SCVS Enforcement Response Guide Conference	CWEA	ESD Watershed Enforcement Inspector	1	TBD
ICID 3A & 3B IND 5B & 5C	4/07-6/07	FOG & IND Training for New Inspectors	ESD Watershed Protection Division	ESD Watershed Enforcement Inspectors	10	TBD
IND 5B & 5C	4/6/07	Surface Cleaner Training	ESD Urban Runoff	GSA, CAE, PRNS	37	TBD
ICID 3A & 3B IND 5B & 5C	6/07	Administrative Citations & IC/ID Training for Inspectors	ESD Watershed Protection Division	ESD Watershed Enforcement Inspectors	16	TBD
NRD 10A, 10B, & 10D	07/06/06	Landscape Maintenance Techniques	ESD, DOT	ESD, PW, PBCE	23	TBD
NRD 10A, 10B, & 10D	07/11/06	C.3 Presentation and Sizing Methods	ESD	PBCE-Building Staff	15	TBD
NRD 10A, 10B, & 10D	07/18/07	Storm Water Treatment and Hydro Modification Control Measures: Construction Practices Training	ESD	PBCE, PW, ESD	12	TBD
NRD 10A, 10B, & 10D	08/03/06	Developers' Industry Representative	PW	PW, ESD, PBCE, CMO, PRNS	20	TBD
NRD 10A, 10B, & 10D	08/14/06	Storm Water NPDES Permit Coordination Meetings	ESD	ESD, PW, PBCE	9	Bi-Weekly
NRD 10A, 10B, & 10D	09/21/06	Permeable Block Paving and Industrial Concrete Paving Seminar	SCVURPPP, ESD, & Pavestone	ESD, PW, DOT, GS, PBCE, PRNS, CFAS, Other Co-Permittees	59	TBD
NRD 10A, 10B, & 10D	10/26/06	Storm Water NPDES Permit Coordination Meetings	ESD	ESD, PW, PBCE	6	Bi-Weekly
NRD 10A, 10B, & 10D	10/27/06	HMP 101	SCVURPPP & ESD	ESD, PW, PBCE	10	Annual
NRD 10A, 10B, & 10D	11/13/06	Bay Area Hydrology Model (BAHM)	SCVURPPP & ESD	ESD, PW, DOT, PBCE, & Other Co-Permittees	55	TBD
NRD 10A, 10B, & 10D	12/06/06	Where San Jose Meets the Bay: Don Edwards National Wildlife Refuge	ESD-WMI-LUS	ESD, PBCE	13	N/A
NRD 10A, 10B, & 10D	12/08/06	HMP Implementation Phase (HIP) Work Group Meeting	ESD	ESD, PW	7	Bi-Monthly
NRD 10A,	12/12/07	Developers Round-table Meeting	PW-ESD	PW, ESD, Private	20	Monthly

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PS ID #	DATE OF TRAINING	TOPIC	SPONSORED OR HELD BY	DIVISION/SECTION ATTENDING	# ATTENDED	TENTATIVE FY 07-08 SCHEDULE
10B, & 10D						
NRD 10A, 10B, & 10D	12/22/07	C3PO Ad Hoc Task Group Meeting	SCVURPPP	ESD, PW, PBCE	10	Monthly
NRD 10A, 10B, & 10D	01/12/07	Developers Roundtable Meeting	PBCE	ESD, PW, PBCE	20	Monthly
NRD 10A, 10B, & 10D	01/17/07	Bio-Retention Technical Discussion	Filtterra- Larry Coffman	ESD, PBCE, PW, DOT	45	N/A
NRD 10A, 10B, & 10D	01/30/07	Presentation for Building and Plumbing Inspectors on Post Construction BMPs: Basis, Swales, and Bioretention Units	PBCE	ESD, PBCE	58	TBD
NRD 10A, 10B, & 10D	01/31/07	Construction Inspection Supervisors	ESD	ESD, PW, Airport, RDA	8	Monthly
NRD 10A, 10B, & 10D	01/31/07	Stream Restoration and Erosive Forces Work Shop	SCVWD	ESD, WQCB, SCVWD	35	TBD
NRD 10A, 10B, & 10D	02/01/07	Developers' Industry Representative	PW	ESD, PW, PBCE	30	TBD
NRD 10A, 10B, & 10D	02/14/07	C.3 Stormwater Control Plan Design Guidelines Manual	ESD	ESD, PW, PBCE	20	TBD
NRD 10A, 10B, & 10D	02/15/07	New and Redevelopment Provisions of the Storm Water Permit	ESD & SJSU	ESD	25	TBD
NRD 10A, 10B, & 10D	03/02/07	Shortec Product Presentation	ESD- Shortec Products	ESD, PW	6	N/A
NRD 10A, 10B, & 10D	03/09/07	California Storm Water Quality Association (CASQA)	CASQA	ESD	2	03/08
NRD 10A, 10B, & 10D	03/23/07	Developers Roundtable Meeting	PBCE	ESD, PW, PBCE	20	TBD
NRD 10A, 10B, & 10D	04/19/07	Developers' Industry Representatives Meeting	PW	ESD, PW, PBCE, Fire	20	Once every 8 Weeks
NRD 10A, 10B, & 10D	04/24/07	Construction Inspection Supervisors	ESD	ESD, PW, Airport, RDA	8	Monthly
NRD 10A, 10B, & 10D	04/25/07	C.3 Stormwater Control Plan Design Guidelines Manual	ESD	ESD, PW, PBCE	33	TBD
NRD 10A, 10B, & 10D	04/26/07	Safety Bond Program Coordination Meeting- Fire Design	PW	ESD, PW, Public Arts	8	TBD
NRD 10A, 10B, & 10D	04/26/07	Safety Bond Program Coordination Meeting- Police Stations	PW	ESD, PW, Public Arts	10	TBD
NRD 10A, 10B, & 10D	04/27/07	Engineering and Construction Services on During Construction of Permanent BMPs: Basins, Swales,	ESD	PW, ESD	21	TBD

PS ID #	DATE OF TRAINING	TOPIC	SPONSORED OR HELD BY	DIVISION/SECTION ATTENDING	# ATTENDED	TENTATIVE FY 07-08 SCHEDULE
		Bioretention, and Mechanical Units				
NRD 10A, 10B, & 10D	04/27/07	Airport on During Construction of Permanent BMPs: Basins, Swales, Bioretention, and Mechanical Units	ESD	PW, ESD, Airport PD, Airport PW	5	TBD
NRD 10A, 10B, & 10D	04/30/07	Construction Inspection BMP Training C.3 Sizing Software	ESD	ESD, PW, SCVURPP	7	TBD
NRD 10A, 10B, & 10D	05/02/07-05/03/07	Storm Water Treatment "How it Works"	Dr. Gary Minton	ESD, PW	5	05/08
NRD 10A, 10B, & 10D	06/01/07	Developers Roundtable Meeting	PBCE	ESD, PW, PBCE	20	TBD
NRD 10A, 10B, & 10D	06/07/07	Developers Industry Representatives Meeting	PBCE	ESD, PW, PBCE	33	TBD
NRD 10A, 10B, & 10D	06/14/07	Implementing Storm Water Requirements in New Development and Redevelopment Projects	SCVURPPP	ESD, PW, PBCE	19	TBD
CON 6C	10/11/06	Session 1:Erosion & Sediment Control Training for Building Inspectors	RBF Consulting, ESD Urban Runoff, ESD Watershed Enforcement, PBCE Building	PBCE Building Inspectors	27	9/07
CON 6C	10/11/06	Session 2:Erosion & Sediment Control Training for Public Works & ESD Watershed Enforcement Inspectors	RBF Consulting, ESD Urban Runoff, ESD Watershed Enforcement	PW Private Development, PW Municipal & ESD Watershed Enforcement Inspectors	20	9/07
CON 6C	10/12/06	Session 3: Erosion & Sediment Control Training for Building Inspectors	RBF Consulting, ESD Urban Runoff, ESD Watershed Enforcement, PBCE Building	PBCE Building Inspectors	37	9/07
CON 6C	10/12/06	Session 4: Erosion & Sediment Control Training for Public Works & ESD Watershed Enforcement Inspectors	RBF Consulting, ESD Urban Runoff, ESD Watershed Enforcement	PW Private Development, PW Municipal & ESD Watershed Enforcement Inspectors	16	9/07
CON 6C	11/17/06	Construction BMP Training – "Inlet Protection"	ESD Urban Runoff	PW Engineering and Construction Services	20	TBD
CON 6C	12/1/06	Construction BMP Training – "Inlet Protection"	ESD Urban Runoff	PW New Development Inspectors	8	TBD
CON 6C	12/5/06	Construction BMP Training – "Inlet Protection"	ESD Urban Runoff	PBCE Building Inspectors	41	TBD
CON 6C	12/5/06	Construction Site Management Workshops	SCVURPPP & Water Board	PW City Facilities Architectural Services, PW Engineering and Construction Services, ESD Urban Runoff, ESD Watershed Protection	10	12/07
CON 6C	12/8/06	Construction BMP Training – "Inlet Protection"	ESD Urban Runoff	PW Roads & Bridges Inspectors	7	TBD

<b>PS ID #</b>	<b>DATE OF TRAINING</b>	<b>TOPIC</b>	<b>SPONSORED OR HELD BY</b>	<b>DIVISION/SECTION ATTENDING</b>	<b># ATTENDED</b>	<b>TENTATIVE FY 07-08 SCHEDULE</b>
CON 6C	1/10/07	"Construction SWPPPs from A to Z: Everything You Ever Wanted to Know and More!"	US EPA Storm Water Program's Web Cast Series	ESD Urban Runoff	1	N/A
CON 6C	1/26/07	Construction BMP Training – "Rainy Weather Inspection Requirements"	ESD Urban Runoff	PW City Facilities Architectural Services Inspectors	11	TBD
CON 6C	1/30/07	Construction BMP Training – "Rainy Weather Inspection Requirements"	ESD Urban Runoff	PBCE Building Inspectors	55	TBD
CON 6C	2/2/07	Construction BMP Training – "Rainy Weather Inspection Requirements"	ESD Urban Runoff	PW Roads & Bridges Inspectors	6	TBD
CON 6C	2/23/07	Construction BMP Training – "Rainy Weather Inspection Requirements"	ESD Urban Runoff	PW City Facilities Architectural Services	11	TBD
CON 6C	3/2/07	Construction BMP Training – "Rainy Weather Inspection Requirements" & "Porta-Potties"	ESD Urban Runoff	PW New Development, Roads & Bridges Inspectors	12	TBD
CON 6C	3/9/07	"When the Spotlight is on Your Program: Inspections & Enforcement"	California Storm Water Quality Association	ESD Urban Runoff	3	N/A
CON 6C	3/16/07	Construction BMP Training – "Film entitled "Ground Control Storm Water Pollution Prevention For Construction Sites"	ESD Urban Runoff	PW Engineering and Construction Services	18	TBD
CON 6C	3/16/07	Construction BMP Training – "Film entitled "Ground Control Storm Water Pollution Prevention For Construction Sites"	ESD Urban Runoff	PW Airport Inspectors	8	TBD
CON 6C	3/20/07	Construction BMP Training – "Film entitled "Ground Control Storm Water Pollution Prevention For Construction Sites"	ESD Urban Runoff	PBCE Building Inspectors	64	TBD
CON 6C	3/23/07	Construction BMP Training – "Film entitled "Ground Control Storm Water Pollution Prevention For Construction Sites"	ESD Urban Runoff	PW City Facilities Architectural Services Inspectors	12	TBD
CON 6C	3/23/07	Construction BMP Training – "Film entitled "Ground Control Storm Water Pollution Prevention For Construction Sites"	ESD Urban Runoff	PW New Development Inspectors	8	TBD
CON 6C	4/10/07	Construction BMP Training –	ESD Urban Runoff	PBCE Building Inspectors	27	TBD



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PS ID #	DATE OF TRAINING	TOPIC	SPONSORED OR HELD BY	DIVISION/SECTION ATTENDING	# ATTENDED	TENTATIVE FY 07-08 SCHEDULE
		"Construction Site Housekeeping"				
CON 6C	4/13/07	Construction BMP Training – "Construction Site Housekeeping"	ESD Urban Runoff	PW Roads & Bridges Inspectors	6	TBD
CON 6C	4/20/07	Construction BMP Training – "Construction Site Housekeeping"	ESD Urban Runoff	PW City Facilities Architectural Services Inspectors	8	TBD
CON 6C	4/20/07	Construction BMP Training – "Construction Site Housekeeping"	ESD Urban Runoff	PW New Development Inspectors	8	TBD
CON 6C	4/27/07	Construction BMP Training – "Construction Site Housekeeping"	ESD Urban Runoff	PW Engineering and Construction Services	21	TBD
CON 6C	4/27/07	Construction BMP Training – "Construction Site Housekeeping"	ESD Urban Runoff	PW Airport Inspectors	6	TBD
CON 8A	3/28/07	Erosion & Sediment Control Training for CIP Project Managers	PW City Facilities Architectural Services, ESD Urban Runoff, ESD Watershed Enforcement, SCVURPPP, Reed & Graham	PW – CIP Project Managers	32	3/08
PSR 6C	9/20/06	PRNS Rural Public Works BMP/SOP Training	ESD, PRNS	PRNS RPW Facility staff	16	10/07
SDO 4.B.2	10/3/06	DOT Storm Drain Inlet Cleaning Data Collection Training	DOT, ESD	DOT-Inlet Cleaning Crews	13	9/07
PSR 3E, SDO 4A, PM 4C, & MC 2C	6/4/07	DOT Crew Storm Water BMP/SOP Training	ESD	DOT-Field Crews	18	5/08
PSR 3E, SDO 4A, PM 4C, & MC 2C	6/5/07	DOT Crew Storm Water BMP/SOP Training	ESD	DOT-Field Crews	21	5/08
PSR 3E, SDO 4B, PM 4C, & MC 2C	6/6/07	DOT Crew Storm Water BMP/SOP Training	ESD	DOT-Field Crews	36	5/08
PSR 3E, SDO 4A, PM 4C, & MC 2C	6/11/07	DOT Crew Storm Water BMP/SOP Training	ESD	DOT-Field Crews	7	5/08
PSR 3E, SDO 4A, PM 4C, & MC 2C	6/12/07	DOT Crew Storm Water BMP/SOP Training	ESD	DOT-Field Crews	28	5/08
PSR 3E, SDO 4A, PM 4C, & MC 2C	6/13/07	DOT Crew Storm Water BMP/SOP Training	ESD, DOT	DOT-Field Crews	41	5/08
PSR 3E, SDO 4A, PM 4C, & MC 2C	6/14/07	DOT Crew Storm Water BMP/SOP Training	ESD, DOT	DOT-Field Crews	28	5/08
PSR 2A & SDO 3A	6/26/07	DOT Contract Manager Training	ESD, DOT, GS, PRNS	DOT, GS, PRNS Contract Managers	7	1/08

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<b>PS ID #</b>	<b>DATE OF TRAINING</b>	<b>TOPIC</b>	<b>SPONSORED OR HELD BY</b>	<b>DIVISION/SECTION ATTENDING</b>	<b># ATTENDED</b>	<b>TENTATIVE FY 07-08 SCHEDULE</b>
WUOM 3B	12/13/06	BMP Video on Meter Accuracy	ESD (Muni Water)	Muni Water Operations & Maintenance	15	12/07
PM 4B	4/18/2007	City of San Jose Pesticide Safety and IPM Training	ESD, PRNS, DOT	ESD, DOT, PRNS, Target Specialty Products, A-Pro Pest Control, and Applied Pest Management	124	1/08
PM 4B	11/14/06	3 <sup>rd</sup> Annual Regional IPM Conference	DOT, ESD	DOT, ESD	32	N/A
MC 2C	6/25/07	Corporation Yard SWPPP Training	ESD, GS, PRNS	GS and PRNS Trades Staff	28	6/08
MC 2C	6/26/07	Corporation Yard SWPPP Training	ESD, GS, PRNS	GS and PRNS Trades Staff	25	6/08
MC 2C	6/26/07	Citywide Hazardous Materials Management Meeting	GS	ESD, GS, DOT, PRNS	17	TBD
MC 2C	6/27/07	Corporation Yard SWPPP Training	ESD, GS, PRNS	GS and PRNS Trades Staff	13	6/08
MC 2C	6/28/07	Corporation Yard SWPPP Training	ESD, GS, PRNS	GS and PRNS Trades Staff	26	6/08

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## 14. PIP: Public Information / Public Participation

### 14.A PIP Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
<b>PIP 1</b>	<b>General Outreach</b> The City of San José will promote general citizen awareness of what a watershed is, the functions of the storm drain system, pathways and sources of urban runoff pollution to the South Bay watershed, and behaviors that adversely affect water quality.			
PIP 1.A	Participate in WMI Outreach, and coordinate WMI outreach with Watershed Watch and Program efforts.	Ongoing	Done FY 06-07 and ongoing. City staff supported the coordination of WMI and Program messages in the Watershed Watch campaign through the WEO AHTG. See 14.D: <i>PIP Activities</i> .	ESD, WMI, Program
PIP 1.A .1	Participate in Watershed Watch campaign.	Ongoing	Done FY 06-07 and ongoing. City staff assists with planning and implementation through WEO AHTG and serves as the AHTG's chair. See the Program Annual Report for a complete campaign annual report.	ESD, Program
PIP 1.B	Identify, support, and participate in appropriate community events to increase general public awareness.	Ongoing	Done FY 06-07 and ongoing. See 14.D: <i>PIP Activities</i> .	ESD
PIP 1.B.1	Work with the Watershed Watch Events work group.	Ongoing	Done FY 06-07 and ongoing. Watershed Watch events are discussed and coordinated through the WEO AHTG. City staff assists with staffing tables at events. See the Program Annual Report for details concerning Watershed Watch events.	ESD, Program
PIP 1.C	Give presentations upon request that focus on stormwater messages to elementary through college grade levels, neighborhood groups, etc.	As Needed	Done FY 06-07 and ongoing. See 14.D: <i>PIP Activities</i> .	ESD
<b>PIP 2</b>	<b>Targeted Outreach</b> The City of San José will develop and implement targeted residential outreach and education campaigns based on high priority pollutants to effectively reduce pollutant-causing behaviors and promote Best Management Practices.			
PIP 2.A	Identify general residential practices that contribute to stormwater pollution. Identify reasonable alternatives to pollutant causing behavior.	N/A	Done FY 06-07. Messages are addressed through the Watershed Watch Campaign.	ESD, Program
PIP 2.A.1	Review surveys and applicable reports.	Ongoing	Done FY 06-07 and ongoing. Target audiences have been based on the Program survey and are documented in the Watershed Watch strategy. San José tailors its outreach to compliment Program and regional outreach efforts, which include periodic surveys to evaluate products and outcomes. See the Program Annual Report for details.	ESD
PIP 2.A.2	Meet with inspectors to discuss and document	Ongoing	Done FY 06-07 and ongoing. Staff involved in outreach	ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
	residential outreach needs.		attend Inspectors' meetings and trainings and keep in contact with Inspectors on a regular basis. Outreach needs are identified and incorporated into work plans accordingly.	
PIP 2.A.3	Prepare reports identifying residential outreach needs and tasks.	Annually	Done FY 06-07. Outreach staff submits a report to Watershed Protection Management on projected outreach needs and recommendations.	ESD
PIP 2.B	Identify ICID practices and target audience(s) contributing to pollution.	N/A	Done FY 06-07. ICID Feedback cards are regularly distributed to complainants who provide contact information. How complainants hear about ICID services is also tracked.	ESD
PIP 2.B.1	Review ICID reports.	Ongoing	Done FY 06-07 and ongoing. 56 ICID Complaint feedback cards were distributed to complainants, and 15 were returned. 15 Responses do not make up a sufficient amount to perform a meaningful analysis of service, so the City will evaluate this program as well as how complainants are classified and make changes in FY 07-08. How complainants heard about ICID services is tracked. See 1.D: <i>Complainant Source Summary</i> for details.	ESD
PIP 2.B.2	Meet with ICID inspectors to discuss and document outreach needs.	Ongoing	Done FY 06-07 and ongoing. Staff involved in outreach attend Inspectors' meetings and trainings and keep in contact with Inspectors on a regular basis. Outreach needs are identified and incorporated into work plans accordingly.	ESD
PIP 2.B.3	Prepare reports identifying ICID outreach needs and tasks.	Annually	Done FY 06-07. Outreach staff submits a report on projected outreach needs and recommendations and incorporate report findings into work plans accordingly.	ESD
PIP 2.C	Promote selected residential and ICID messages through local and regional activity (e.g. Program PIP, BASMAA PIP, BAPPG, Media Relations, etc).			
PIP 2.C.1	Report targeted residential and ICID outreach activity.	Annually	Done FY 06-07. See 14.D: <i>PIP Activities</i> .	ESD
PIP 2.C.2	Participate in the Program's Pesticide and Mercury ad hoc task groups.	Ongoing	Done FY 06-07 and ongoing. City staff participated in AHTG and collaborated with regional Household Hazardous Waste efforts that focused on reducing pesticide use and the proper disposal of spent fluorescent lamps. See the Program Annual Report for details.	ESD, Program
<b>PIP 3</b>	<b>Educational Programs</b> The City of San José will support and/or develop and implement educational programs designed to increase youth understanding and appreciation of the South Bay watershed.			
PIP 3.A.	Support, develop and implement school and youth education programs.	N/A	Done FY 06-07 and ongoing. See 14.D: <i>FY 06-07 San José School Outreach</i> for details.	
PIP 3.A.1	Participate in the WEO programs and Schools and Youth Work groups.	Ongoing	Done FY 06-07 and ongoing. City staff participated in developing schoolwork plans and activities for the Urban	ESD, Program

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
			Runoff Program and Watershed Watch campaign. City Staff participated in both the WEO Ad Hoc Task Group and Schools and Youth Work group meetings, and served as Chair of both groups. Direct implementation takes place through the Urban Runoff Program staff and the Watershed Watch contractor. Through the City's Youth Watershed Education Team (YWET), staff collaborated to update and promote the City's middle school curriculum.	
PIP 3.A.2	Participate in the Alviso Education Center work group.	Ongoing	Done FY 06-07 and ongoing. City staff participated in work group meetings. Program Staff administered the SCVURPPP Ed Center Grant. See the Program Annual Report for details.	ESD, Program
PIP 3.A.3	Participate in City Education programs such as the Youth Watershed Education Team, Rangers in Schools, etc.	Ongoing	Done FY 06-07 and ongoing. See 14.D: <i>FY 06-07 San José School Outreach</i> for details.	ESD
<b>PIP 4</b>	<b>Citizen Participation</b> The City of San José will support and/or develop and implement citizen involvement programs designed to increase citizen understanding and appreciation of the South Bay watershed.			
PIP 4.A	Support and/or develop involvement opportunities for San José residents			
PIP 4.A.1	Participate in creek Clean-ups on a bi-annual basis through in-kind staff support for the Creek Connections Action Group.	N/A	Done FY 06-07. Coordinated internally with PRNS and Friends of Coyote Creek; and externally with the Creek Connections Action Group.	ESD, PRNS
PIP 4.A.1.a	Fall creek Clean-up.	Annually, Q1	Done FY 06-07. See 14.D: <i>PIP Activities</i> .	ESD, PRNS
PIP 4.A.1.b	Spring creek Clean-up.	Annually, Q4	Done FY 06-07. See 14.D: <i>PIP Activities</i> .	ESD, PRNS
<b>PIP 5</b>	<b>Outreach Evaluation</b> The City of San José will evaluate its Outreach efforts for effectiveness.			
PIP 5.A	Implement selected evaluation tools.	N/A	See 14.B: <i>PIP Program Evaluation</i> .	ESD
PIP 5.A.1	Work with Program, WMI, and Watershed Watch AHTG to Plan for the Program's Watershed watch campaign follow-up survey.	Triennially FY 06/07	Done 06-07 and continued into FY 07-08. The Watershed Watch campaign launched an online survey asking residents to evaluate the effectiveness of the FY 06-07 media campaign and display their knowledge of stormwater and watershed issues. Results of this survey will be reported in the Program Annual Report.	ESD, Program
PIP 5.A.2	Report on survey and evaluation activity during the report period	Annually	See PIP 5.A.1	ESD
PIP 5.B	Annually review, modify and report on outreach plans based on effectiveness results.	n/a	Done FY 06-07. Work plans are evaluated and modified as needed based on evaluation results.	ESD
PIP 5.B.1	Produce a written report on the effectiveness of outreach activities conducted in the prior fiscal year.	Annually	Done FY 06-07. See 14.D: <i>PIP Activities</i> .	ESD

## **14.B PIP Program Evaluation**

San Jose's outreach strategy is implemented on three levels: Local (City-wide), Program (County-wide), and Regional (Bay Area-wide).

Local target audiences are based on program, survey and focus group work conducted by the City and the Program. Local outreach is conducted to address time-constrained and/or local (San José only) issues. Local strategies and tactics are documented in the Outreach Strategies submitted annually to the City's budget office. When possible, San José tailors its local outreach to compliment/coordinate with Program (countywide) and regional outreach efforts. Short-term tactic and strategy success is evaluated case-by-case using a variety of mechanisms. Public opinion surveys evaluate long-term outcomes in attitudes and behavior.

County-wide target audiences are based on survey and focus group work conducted through the Program and, when appropriate, the City. The City's County-wide outreach delivers stormwater and watershed messages to residential and business audiences in the Santa Clara Basin. Strategies and tactics are documented in the Watershed Watch strategy. The City advocates for and facilitates the coordination of Countywide outreach with Regional outreach workgroups. Short-term tactic and strategy success is evaluated case-by-case using a variety of mechanisms. Public opinion surveys evaluate long-term outcomes in attitudes and behavior.

Regional target audiences, messages, and projects are identified through a variety of processes conducted by the various regional workgroups. San Jose's regional audiences are specific subsets of the general business and residential audiences that occur in San José, but may also be universal in the Bay Area. Messages focus on about specific behaviors or increasing awareness related to stormwater and watershed issues (e.g. Pest Control Operators for IPM messages; restaurants for Fats, Oils and Grease (FOG)). Strategies and tactics for these audiences are proposed and implemented through the Regional workgroups, and they are documented in the work plans of the various groups. Short-term tactic and strategy success is evaluated and reported case-by-case using a variety of mechanisms (e.g. the Regional Media Relations workgroup's measures). For some projects (e.g. OWOW, Regional Ad Campaign) public opinion surveys evaluate long-term outcomes in attitudes and behavior.

With approximately 29,000 storm drain inlets and the potential for more stringent inlet marking requirements in the MRP, the City evaluating its storm drain inlet marking activities and exploring alternatives and strategies to maintain the City's inlet markings in an efficient and cost-effective manner. In FY 07-08, the City will pilot thermoplastic inlet markings in two targeted ZIP codes based on the elevated number of ICID complaints received in these areas in FY 05-06. This pilot will be evaluated in FY 07-08 and beyond.

FY 06-07's targeted efforts focused on proper disposal of universal and hazardous wastes, IPM, construction-generated pollutants, trash, and general pollution prevention. At the local level, San José has been able to successfully direct a variety of messages to a wide array of audiences through publishing articles in newsletters, hosting trainings and workshops, attending events targeting specific audiences, direct mailing, and collaborative efforts at the Regional level. The City also focused on training employees in general pollution prevention and awareness issues, so they in turn can educate the public they interact with as well as apply the lessons to their own work tasks. Targeted outreach supplements tasks done in other elements of the URMP, such as Illicit Connection/Illegal Dumping, the Industrial/Commercial Dischargers, Construction Inspection, Pesticide Management, Mercury, and the Copper and Nickel Action Plans.

The City works through a variety of mediums to distribute BMPs to residents and business owners. The total number of BMPs distributed in FY 06-07 is 93,424, which includes BMPs disseminated by ICID, IND, and CON inspectors; City staff at outreach events; and self-serve BMPs downloaded from the City's website. The total number of FY 06-07 BMPs is nearly double the FY 05-06 total. This increase is due in part to the launching of a new City stormwater website as well as increased City participation in outreach events, but largely it can be attributed to a new tracking methodology in place that more accurately measures the distributed BMPs.

Citizen Participation activities are a potent method for getting residents out into the Watershed and engendering stewardship. The City participated in three Clean-up events, as well as a Bike to Work Day, designed to promote participation and stewardship in the citizens of San José. Tying Clean-up events to pre-existing events such as Coastal Clean-up Day and the Great American Pick-up is a good way to maximize promotion. Advertising paid for by regional entities is useful for raising awareness locally. The City also organized regular participation activities through the Adopt-A-Park, Adopt-A-Trail, Anti-litter Volunteers, and Volunteer San José programs. Through these programs, thousands of San José residents are taking an active role in watershed stewardship.

Education continues to be a vital component of San Jose's pollution prevention plan. The City actively contributes to education both as a City and through the Program. San José commits significant resources to youth education with the goal of instilling a sense of stewardship for the environment. San José employs both in-class education and train-the-trainer approaches to Outreach. In-class presentations are more expensive per student reached, but lend themselves better to evaluation. Train-the-trainer has the potential to reach many more students, but it is extremely difficult to measure the effectiveness of this potential. Youth Watershed Education Grants provide funding for groups and educators to implement their own programs that accomplish the City's education goals.

FY 06-07 saw the start of the City's Go Green Schools Program. Go Green Schools fosters recycling and environmental stewardship in a parent- and community-driven process, and supplies grants to schools to help them achieve their green goals. The City connects schools with free recycling supplies and other green resources, and encourages them to take up Go Green at the level the school chooses, whether it be recycling or environmental curriculum, green purchasing, or other green practices.

#### 14.C PIP Response to Water Board Comments

Comments were not received from the Water Board on this Program Element.

#### 14.D PIP Summary Tables / Additional Information

***PIP Activities Table***

Outreach Type:

○ = General Outreach

⊙ = Targeted Outreach

✋ = Citizen Involvement

✍ = Education

ITEM No.	ACTIVITY	OUTREACH TYPE	FY 06-07 STATUS	EVALUATION
Att. A.1	Storm Sewer Stenciling Evaluation	○	FY 05-06 was the fourth and final year of a 4-year contract to re-stencil all the public right-of-way storm drain inlets in the City of San José. Approximately 28,440 inlets were completed during the four-year interval. In FY 06-07, future stenciling options were evaluated for cost, feasibility, durability, and ability to meet potential MRP requirements. The City is piloting Thermoplastic stencils in the 95116 and 95123 ZIP codes, and explored piloting pre-cast inlet hoods in the downtown core, but they were too cost-prohibitive.	Storm drain stencils are placed in locations that are highly visible to residents. Including the neighborhood creek name gives residents specific information about how their actions tie into the local environment.  Areas in the 95116 and 95123 ZIP codes were chosen for the Thermoplastic pilot due to the higher number of ICID calls from those ZIP codes in FY 05-06. The results of this pilot will be evaluated once the stencils have been in place for a few months, and then years.
PIP 1 PIP 2.C PM 6.A M 2.B Att. A.20	Water Awareness Web Page	○	The ESD web page highlights several water issues, including watershed stewardship, pollution prevention, storm drain vs. sanitary sewer, IPM, household hazardous waste, automotive fluids, the Anti-Litter Program, etc. Links to MyWatershedWatch.org, and the County's Household Hazardous Waste program are included.	The Water Awareness web page is updated with seasonally pertinent information about a variety of water-related issues. A total of 2,088 visits (up from 1,259 in FY 05-06 and 473 in FY 04-05) were recorded on the City's Water Awareness web page in FY 06-07.
PIP 1 Att. A.20	Website Revisions	○	May 15, 2007. The City launched a newly revised stormwater website. The site includes information on various stormwater permit elements, resources for businesses and residents, and links to key City departments implementing stormwater requirements as well as local and regional pages of interest.	The site will be updated on a regular basis with pertinent information for both residential and commercial audiences. See 14.D.: <i>Outreach Materials Distributed</i> for website downloads and page visits.



ITEM No.	ACTIVITY	OUTREACH TYPE	FY 06-07 STATUS	EVALUATION
PM 6.A PIP 1.A.1 PIP 2.C Program	Watershed Watch Sign at Happy Hollow Park and Zoo	○	An Interpretive Sign, installed in FY 03-04, features a photo montage of beneficial uses of creeks and the Bay, along with four pollution-prevention messages: keep your car tuned to avoid oil leaks, avoid pesticide use (especially before rains), proper disposal of household hazardous wastes, and no dumping into storm drains.	In FY 06-07, 355,859 visitors attended Happy Hollow Park and Zoo; a 12% increase over last FY. The sign is located at the bottom of the entrance walkway into the Zoo. Every visitor to the zoo passes by the sign entering and leaving. In FY 07-08 the Park and Zoo will start a construction project to renovate and green several buildings, which may impact attendance numbers in the short-term.
PIP 1.B	San José Grand Prix	○	July 28-30, 2006. Downtown race with televised public service announcements on litter prevention aired on 7 large screen monitors around the track, and 30 small screen monitors located in suites.	The estimated attendance figures 155,934 for the entire weekend.
PIP 1.B Att. A.3	Festival in the Park at San Tomas Park (Council District 1)	○	September 9, 2006. Free council district event with entertainment and community resources.	Distributed pollution prevention information at community resource booth. Estimated 800 residents attended.
PIP 1.B Att. A.3	Community Festival (Council District 2)	○	September 16, 2006. Free council district event with entertainment and community resources.	Distributed pollution prevention information at the community resource booth. Estimated 5,000 residents attended.
PIP 1.B Att. A.3	Fiesta Patrias Parade & Festival	○	September 17, 2007. Parade and festival hosted by American G.I. Forum of San José to celebrate Mexican heritage.	Distributed Spanish and English pollution prevention information at the community resource booth. Estimated 30,000 attendees.
PIP 1.B Att. A.3	Almaden Art and Wine Festival	○	September 17, 2006. Free council district event with entertainment and community resources.	Distributed pollution prevention information at the community resource booth. Estimated 20,000 residents attended.
PIP 1.B Att. A.3	San José Library Public Lecture Series - Topic: The Conscious Consumer: Personal Care Products - The Human Health Risks and Environmental Impacts of Personal Care Products	○	September 30, 2006. Effects of personal care products on the aquatic environment and human health. It was stressed why understanding and addressing this issue is important. Alternative products that are available were mentioned. Finally, there was a demonstration on what to look for when choosing a product so you can reduce your risks and ecological footprint.	Distributed fact sheets and other pollution prevention information.
PIP 1.A.1 PIP 1.B. Att. A.3	Pumpkins in the Park at Discovery Meadow	○	October 7, 2006. Watershed Watch booth with games and Pollution Prevention information. San José re-entered its Scarecrow with Anti-Litter messages.	See the Program Annual Report for details.
PIP 1.B Att. A.3	Day in the Park (Council District 8)	○	October 7, 2006 at Lake Cunningham Park. Free council district event with entertainment and community resources.	Distributed pollution prevention information at the community resource booth. Estimated 6,000 residents attended.
PIP 1.B Att. A.3	50 Years Back and 50 Years Forward: San José/Santa Clara Water Pollution Control Plant 50th	○	October 14, 2006 at the San José/Santa Clara Water Pollution Control Plant. Event invited the public to tour the WPCP and get information on sanitary and stormwater pollution prevention.	Had poster board displays on pollution prevention topics and distributed outreach materials to approximately 400 attendees.

ITEM No.	ACTIVITY	OUTREACH TYPE	FY 06-07 STATUS	EVALUATION
	Anniversary			
PIP 1 Att. A.2	Our City Forest Newsletter Article	○	November 2006. Article on back page of newsletter titled "Spare the Fish, the Bay, and your health" discussing the role of storm drains and creek/bay pollution, explains the difference between storm and sanitary sewers, directs readers not to put anything, specifically organics (grass clippings, leaves, etc) into storm drains, and includes the City's hotline for reporting dumping into the storm drain.	Our City Forest publishes its newsletter monthly, both online and in print. One version or the other (based on preference) goes out to about 10,000 subscribers.
PIP 1.B	Earth Day celebration at Children's Discovery Museum	○	April 9-13, 2007 at the Children's Discovery Museum. Environmental resources and activities for museum patrons.	Ran an educational activity and distributed pollution prevention information at the resource booth.
PIP 1.B Att. A.3	Earth Day Celebration at SJSU Environmental Resource Center	○	April 18, 2007 at San José State University. Earth Day resource fair for SJSU students, residents, and local businesses	Distributed pollution prevention information at the community resource booth.
PIP 1.B Att. A.3	Senior Walk at Valley Fair Mall	○	April 27, 2007. Free event for residents, which focused on community resources. Distributed general pollution prevention materials.	30% of the estimated 100 attendees expressed interest in "Our Water Our World" fact sheets, which highlight less-toxic methods on how to grow a garden, control pests and plant diseases.
PIP 1.B Att. A.3	Spring in Guadalupe Gardens	○	April 28, 2007. The City of San Jose had a table with information on how to "green" your home, HHW, Recycle Plus, Watershed Management, South Bay Water Recycling, energy conservation, water conservation, green construction practices, waste water treatment, green business, and home composting.	Good event to interact with residents. Information on Ants and Household Hazardous Waste were the hot topics.
PIP 1.B Att. A.3	Regional Thermometer Exchanges	○	May 12, 16 and June 16, 2007. Collection event for residents to exchange their mercury-containing fever thermometer for a non-mercury digital thermometer free of charge. Information on safe methods for Household Hazardous Waste disposal and other related pollution prevention methods were provided.	1,116 mercury-containing thermometers were collected and disposed of appropriately. This results in 1,016 grams (2.3 pounds) of mercury removed from the environment. More thermometer exchange events will take place in the WPCP service area, including San José, in FY 07-08.
PIP 1.B Att. A.3	CommUnity Resource Fair	○	June 3 in the Rotunda at City Hall. Free event for residents.	Distributed pollution prevention information at community resource booth. Estimated 7,000 residents attended.
PIP 1.B Att. A.3	Cleaning Products: Human Health & Environmental Impacts	○	June 27, 2007 at the Martin Luther King Jr. Library. Information on how to reduce the risks and ecological footprint associated with household cleaning products, presented by a City Biologist.	Distributed fact sheets and other pollution prevention information, as well as had alternative products on display.

ITEM No.	ACTIVITY	OUTREACH TYPE	FY 06-07 STATUS	EVALUATION
<b>Overall Evaluation of General Outreach Activities</b>		○	San Jose's General Outreach focused on attending more community events, and revising the City's website. Both were used to disseminate information to the public. Downloads from the City's website increased substantially this fiscal year compared to last, and the City attended a wider variety of community events compared to last FY. The City continues to reach out to the general public at selected community events that the Watershed Watch Campaign does not attend. These events are good venues to reach San Jose citizens, providing more extensive outreach to residents.	
IND 6 CON 7	Storm Sewer Stenciling	◎: Commercial	The City provided approximately 34 stencils to 29 developers and 45 stencils to 16 private businesses for stenciling approximately 595 storm drain inlets in FY 06-07. In addition, 163 stencils were given to City Corporation Yards, local schools, and commercial and industrial businesses.	Storm drain stencils are placed in locations that are highly visible to residents and customers of businesses. Including the neighborhood creek name gives residents and customers specific information about how their actions tie in to the local environment. Developers are required as a condition of the permitting process to stencil all storm drain inlets on a development. ESD inspectors give out "No Dumping! Flows To Bay" stencils to commercial and industrial businesses so that they can stencil storm drain inlets on their property.
IND 6 CB-1.B.	Mobile Surface Cleaner Training Workshops	◎: Commercial	Training available upon request.	Training available upon request. Companies requesting training are first referred to BASMAA's online training, and offered live training if the online version does not meet their needs.
IND 6	Tributary Tribune	◎: Industrial	Newsletter published for permitted industrial dischargers in the Water Pollution Control Plant tributary area. The Summer 2006 Tribune contained an article on the DTSC's ban on Mercury-added switches and relays. Readers were directed to the DTSC website for more info.	The Tributary Tribune was distributed three times in FY 06-07. It goes to every permitted industrial discharger in the San Jose/Santa Clara Water Pollution Control Plant tributary area (approximately 330 businesses and 500 contacts). A 2004 survey of Industrial Users found that not all persons at these facilities were aware of receiving the newsletter and/or received the newsletter. The City modified the contact list to include all applicable persons at each facility, which increased the number of contact s on the mailing list to more than 1100. Tributary Tribune web pages generated 3,456 views, with the previous years' issues generating most of the views.
ICID 4 IND 6	Dental Office Mailing	◎: Dental Offices	Sent a direct mailing that included a cover letter, Best Management Practices for Dental Amalgam, and a survey on disposal practices.	1,285 dental offices reached.
PIP 1	Resource to International Environmental Agencies	◎	Throughout the year, hosted international guests on San Jose Environmental Programs, providing technical information and program implementation.	San Jose's Environmental Services hosts as many as six groups annually. Presentations cover Integrated Waste, Watershed Protection and Sustainability.
NRD 8 M 5 CB-1 PIP 2.C Att. A.10	<i>BOMA Byline</i> Newsletter Articles	◎: Facilities Managers	The City submitted four articles to the BOMA Byline newsletter with pollution prevention messages designed for facility managers: August '06: <i>Water Efficient Toilets And Outdoor Conservation Can Save You Money</i>	The Building Operators and Managers Association Silicon Valley chapter publishes the <i>BOMA Byline</i> monthly. The <i>BOMA Byline</i> serves the counties of Santa Clara, Santa Cruz, San Benito, Monterey and San Luis Obispo.

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Att. A.11			November '06 <i>Universal Waste Update</i> February '07: <i>Cleaning Your Buildings While Ensuring Pollutants Are Kept Out of Our Creeks</i> June/July '07: <i>Stormwater Treatment BMPs: What you need to know about operation and maintenance</i>	
CB-1 PIP 2.C Att. A.10 Att. A.11	IFMA Newsletter Articles	☉: Facilities Managers	The City submitted one article to the IFMA quarterly newsletter with pollution prevention messages designed for facility managers: Spring '07: <i>Cleaning Your Buildings While Ensuring Pollutants Are Kept Out of Our Creeks</i>	The International Facility Managers Association's Silicon Valley Chapter publishes its newsletter quarterly. The newsletter serves the Silicon Valley chapter containing 835 members, which makes it one of the largest chapters in IFMA's worldwide network.
CON 7.B. Att. A.6	Conduct outreach sessions to development community	☉: Developers	August 23, 2006. Department of Public Works & ESD staff conducted training on erosion and sediment control for private developers of type 2 projects.	29 private developers of type 2 projects and two City staffers attended. Four topics were covered: overview of City's Stormwater NPDES Permit, overview of erosion and sediment control requirements in the City, discussion of lessons learned, and the City's Watershed Enforcement procedures.
CON 7.B. Att. A.6	Permeable Block Paving & Industrial Concrete Paving Seminar: A Focus On Concrete Paver Technology	☉: Planners, Construction Industry, Municipal Employees	September 21, 2006 at San José City Hall. Training seminar on the General, Permeable and Industrial Applications of porous concrete pavers.	See 3.B: <i>NRD Program Evaluation</i> and 13.D: <i>Municipal Employee Training Summary for FY 06-07</i> for details.
PM 6 Att. A.3 Att. A.10	Regional IPM Conference	☉: Municipal employees, School Districts	November 14, 2006 at the San José Convention Center.	Over 400 people attended from many diverse organizations - including industry, government, and local homeowners. San Jose co-hosted the conference, with City staff serving as conference chair. See 8.B: <i>PM Program Evaluation</i> for more information.
CON 7.B. Att. A.6	Conduct outreach sessions to development community	☉: Contractors	Seven pre-construction meeting for various projects. Department of Public Works & ESD staff conducted training on erosion and sediment control for private developers	These sessions were not sufficiently documented in FY 06-07 adequately evaluate the effectiveness of these sessions. Documentation will improve in FY 07-08.
Att. A.2 Att. A.3 Att. A.11	BOMA Membership Luncheon Presented by BOMA Silicon Valley, in cooperation with the City of San José Environmental Services Department and the U.S. Green Building Council, Northern California Chapter	☉: Facilities Managers, Green Building Developers and Remodelers	February 2, 2007 at San José City Hall rotunda. Topic: Public – Private Partnerships in Developing and Managing Green Buildings. Panelists were John Stufflebean, Director City of San José Environmental Services Department, George Denise, RPA, CPM, FMA, General Manager, Cushman & Wakefield @ Adobe; and Sharon Refvem, LEED AP, Architect and Immediate Past President, U.S. Green Building Council, Northern	Approximately 100 people attended. Distributed pertinent materials at a poster table on display at the luncheon.

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			California Chapter.	
CON 7.B. Att. A.6	Outreach to Santa Clara District of the Associated General Contractors of California	⊙: Contractors Association	February 8, 2007. Urban Runoff and Watershed Enforcement staff presented erosion and sediment control training to the Santa Clara District of the Associated General Contractors of California.	40 attendees. The presentation was well-received. Distributed Clean Bay Blueprint and Watershed 6-message pens.
IND 6 PM 6.A. M 5.B CB-3 PIP 2 Att. A.5	Industrial Users Academy	⊙: Industrial	April 19, 2007. The Industrial User Academy is an all-day training workshop for permitted industrial users in the San Jose/Santa Clara Water Pollution Control Plant tributary area. Attendees received training on the Pretreatment Program, wastewater discharge permit applications, permit issuance & conditions, and the Inspection Program. They also completed Self Monitoring Reports, Enforcement, Sampling, and Storm-water Guidelines.	The academy was well attended by 27 representatives (22 of which completed an evaluation) from 17 permitted industries in the tributary area. An exit survey was administered and it showed that all of the attendees went away with greater knowledge of the subject matter. 100% Have a better understanding of the storm water and inspection programs, 96% went away with a greater understanding of permit issuance and conditions, and 96% gained more knowledge on enforcement reporting and surveillance methods. 100% Agreed that the workshop was useful and that they would attend again.
NRD 2 CON 7.B	Residential Green Building Summit	⊙: Developers, Builders, Architects	June 7, 2007. Speakers provided information on incorporating green building practices, which include urban runoff practices, were focused on multi-family residential, high-rise housing, and production homes.	Over 170 attendees. Distributed Construction BMPs and WMI Vision brochures and Watershed Images Surveys. Event was sold out over one week in advance. .Based on attendance, interest in building green appeared to be high.
PIP 2 Att. A.6	Acterra Business Environmental Awards	⊙: Facilities Managers, Green Building Developers and service providers	June 7, 2007. Hosted a table and provided information on Green Building, PG&E Energy incentives programs, and the Watershed Management Initiative.	Over 150 attendees. Distributed Commercial and Light Industrial storm drain pollution prevention information. Learned that real estate sales persons are promoting green buildings and green features as a positive sales point.
IND 6 PIP 2	Cooling Tower Workshop	⊙: Building Managers	June 15, 2007. Speakers provided information on industrial recycled water use and distributed information on preventing storm drain pollution and WMI Vision brochures.	Over 80 attendees. Distributed Commercial and Light Industrial storm drain pollution prevention information..
IND 6 ICID 4 CB-3.B	GIASP NOI Outreach	⊙: High potential Cu and Ni dischargers	June 2007. Distributed Roof Vent BMP, NOI Checklist, SWPPP Flow Chart, along with a contact letter informing select businesses that they may be subject to the State General Activities Stormwater Permit (GIASP.)	Cover letter and roof vent BMP fact sheet sent to 101 facilities, based upon their SIC code. Seven SIC codes were targeted based on the recommendations from the 1997 Industrial Stormwater Pollution Pilot.
PIP 1 PIP 2.C M 5.A CB-11	Curbside Courier web page and newsletter	⊙: Residential	Web page and newsletter focused on solid waste issues. Newsletter mailed to city recycling customers. The Fall 2006 issue contained an article about the proper way to recycle used motor oil at the curb, to prevent spills and stormwater	Courier published twice a year as a Recycle Plus utility bill insert. The Curbside Courier reaches approximately 185,000 single-family households. Additionally, the Curbside Courier was published online, with a total of 4,505 downloads in FY 06-07: 1,675 English versions, 1,689 Spanish versions, and 1,141







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			pollution. The Spring 2007 issue contained a reminder to move vehicles on street sweeping day, an article about not disposing of HHW in the garbage & recycling bins (using HHW service instead), and listed both National River Clean-up Day and the Great American Litter Pick-up in the upcoming events sidebar.	Vietnamese versions.
PM 6.A PIP 2.C Att. A.7	Create and provide fact sheets and materials to pesticide retailers to facilitate point-of-purchase outreach to support IPM Store Partnership Program	⊙: Consumers	There are nine stores in San José participating in the IPM store partnership. This work is done at the Program level. See the Program Annual Report for details.	This work is done at the Program level. See the Program Annual Report for details.
PM 6.A PIP 2.C	OWOW Fleas fact sheets at Animal Services Center	⊙: Pet owners	Started in April 2006. The OWOW Fact sheet for Fleas, in both English and Spanish, is available in the Animal Services Center's literature racks. Additionally, a fact sheet is placed in every adoption package for pets adopted from the center.	Center estimates 300 pet adoptions per month.
PM 6 M 5 PIP 1 PIP 2.C Att. A.2	Regional Media Relations	⊙	Concepts pitched include: pesticides, FOG (fats, oils and grease), mercury fever thermometer exchanges, and less-toxic lawn care.  Placements include media outlets that serve San Jose residents, including the San José Mercury News, the Associated Press, KGO-AM, KLIV-AM, KCBS-AM, KSJO-AM, KLLC-FM, and other local-serving print, as well as web and radio outlets.	Regional partnership and coordination of media relations allows cities to pool their messages and resources into one consistent effort. Overall, 37 calendar listings, articles, broadcast and on line stories were covered by the media in FY 06-07, including 2 print articles, 15 radio stories, 14 web stories and 6 letters to the editor placements (including hard copy and web placements). There were no wire stories or television coverage this year. Public service announcements were pursued as well this year and resulted in 6 placements overall.  See the Regional Media Relations Campaign Final Report for full details.
PIP 2 Att. A.3	Compost Bin Workshops and Sales	⊙: Residents	July 5, August 12, September 6, September 9, October 14, November 4, 2006 and February 10, March 10, April 14, May 12, and June 16, 2007. Workshop to teach residents how to compost, and sale of bins at a discount to City residents.	692 people attended the compost bin workshops and two vermicomposting classes in FY 06-07, with 535 compost bins sold.
ICID 2.A.2 ICID 4 PIP 2.C Att. A.8 Att. A.21	ICID Outreach to Targeted Areas	⊙: Residents in 95116 and 95123	The City analyzed FY 05-06's ICID data and discovered a concentration of the two highest complaint types, vehicle & equipment leaking and illegal dumping, in the 95116 and 95123 ZIP codes.	See below







ITEM No.	ACTIVITY	OUTREACH TYPE	FY 06-07 STATUS	EVALUATION
ICID 2.A.2 ICID 4 PIP 2.C Att. A.8 Att. A.21	Five Wounds/Brookwood Terrace SNI NAC Meeting	⊙: residents in 95116	October 2006. ESD presented and distributed info on P2, watershed awareness, the difference between storm and sanitary sewers, and who to call if dumping occurs.	Community members were very knowledgeable of their local creek, were very receptive to the information presented, and had a wide variety of questions about what the City does for watershed protection.
ICID 2.A.2 ICID 4 PIP 2.C Att. A.8 Att. A.21	East Valley/680 Communities SNI NAC Meeting	⊙: residents in 95116	January 18, 2007. ESD presented and distributed info on P2, watershed awareness, the difference between storm and sanitary sewers, and who to call if dumping occurs.	18 People attended: 10 from the community, 5 from the Police Department, 2 from the City Manager's Office, and 1 from ESD. Community members knew which creek was in their neighborhood, and were very receptive to the information presented.
ICID 2.A.2 ICID 4 PIP 2.C Att. A.8 Att. A.21	Gateway East SNI NAC Meeting	⊙: Residents in 95116	June 26, 2007. ESD presented and distributed info on P2, watershed awareness, the difference between storm and sanitary sewers, and who to call if dumping occurs.	19 People attended from the community and City offices. Community members knew which creek was in their neighborhood, and were very receptive to the information presented. Information in Spanish was especially useful, and well received.
ICID 2.A.2 ICID 4 PIP 2.C Att. A.8 Att. A.21	Mayfair SNI NAC Meeting	⊙: Residents in 95116	June 28, 2007. ESD presented and distributed info on P2, watershed awareness, the difference between storm and sanitary sewers, and who to call if dumping occurs.	12 People attended from the community and City offices. Community members knew which creek was in their neighborhood, and were passionate about protecting their community, and very receptive to the information presented. Information in Spanish was especially useful, well-received, and additional information in Spanish was requested.
ICID 2.A.2 ICID 4 PIP 2.C Att. A.8 Att. A.21	Blossom Hill Homes Association Newsletter	⊙: Residents in 95123	June 2007. The Blossom Hill Homes Association ran an article about stormdrain pollution and tips for it's residents, including moving vehicles on street sweeping day, use of HHW services, IPM practices, picking up pet waste, keeping vehicles in tune, and volunteering for adopt-a-park and other trash management activities.	The Blossom Hill Homes Association Newsletter goes to 391 households/units.
PM 6.A PIP 1 Att. A.3	The 4 <sup>th</sup> Annual Walk 'N Wag	⊙: Dog Owners	August 19, 2006 at Kelley Park. Educational and entertainment event for dogs and their owners	Included IPM information on fleas in the 'doggie bag' given to each participant. An estimated 500 participants received doggie bags.
PM 6.A PIP 1 Att. A.3	Bark in the Park	⊙: Dog Owners	September 16, 2006 at Williams Street Park. Educational and entertainment event for dogs and their owners	Distributed pollution prevention information at community resource booth. Estimated 10,000 residents attended.


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PIP 1 Att. A.3	Earth Day Event	☉: St. Julie's parishioners and community members	April 22, 2007 at St. Julie's Church. Eco Focus at Home & Work - Reuse, Recycle, Reduce, Respect (transportation, energy, waste, food & clothing, Green Building, community & natural resources)	Estimated 800 attendees.
PM 6.A PIP 1 Att. A.3	Cisco Earth Day	☉: Cisco Employees	April 24, 2007. "Eco-Focus at Home and at Work" employee event. ESD displayed information on wastewater and storm water pollution prevention practices, proper household hazardous waste disposal, less-toxic alternatives to household products, and energy conservation.	Employees were very enthusiastic to learn about pollution prevention. Among the educational pieces available, the following were most popular: Grow-It and Clean-It Guides, County Mercury brochures, and energy saving tips. More than 200 employees visited the display.
PM 6.A, M 2.B, M 5.A, PIP 1.A.1, PIP 2.C, Atts. A.3, A.9, A.10	Home and Garden Show	☉: Home owners	April 27-29, 2007. San José provided booth space. Booth staffed by SCVURPPP staff, co-permittees, and San José staff. Provided IPM and Household Hazardous Waste information.	See Program Annual Report for details.
Att. A.2	Santa Clara Basin Watershed Management Initiative (WMI) Retreat	☉: WMI stakeholders	June 7, 2007. Stakeholder retreat held at the Sanborn County Park Youth Hostel. The WMI is a collaborative of more than 25 stakeholders who coordinate efforts for sustainable watershed.	Approximately 25 attendees focused on the group's past successes and generated an elaborate discussion about the future of the organization.
PM 6.A PIP 1 Att. A.3	NEC Electronics America: Environmental Day for Employees	☉: NEC Electronics America employees	June 21, 2007. This event's purpose was to provide a fun and informative event for employees to gather ideas about ways to protect and preserve the environment both at home and at work. Provided general pollution prevention information that focused on the following areas: <ul style="list-style-type: none"> <li>▪ Difference between Storm and Sanitary Sewer Systems</li> <li>▪ Value of Recycled Water</li> <li>▪ Value of the Treatment Plant</li> </ul>	About 300 employees participated. It was a fun and interactive event; employees exhibited lots of interest for the topics and materials that were being distributed. The County's Household Hazardous Waste Program brochure and the Clean-It and Grow-It Guides were a hit.
PIP 2.A CB 11 TRA 6	The Guide to Garbage and Recycling in San José	☉: Residential	Booklet with recycling information for residents. Also included information on Electronic Waste, Universal Waste, Street Sweeping, leaking vehicles, Anti-Litter Program, and general Storm Drain Pollution Prevention tips.	Guide distributed to approximately single-family and multi-family households in FY 05-06 and FY 06-07. The booklet is also available online for viewing and downloading.
PIP 2.C M.5	Mercury Outreach	☉	San José and Program staff assisted County with Mercury-related outreach for the County's Universal Waste grant activities. City staff also	See Program Annual Report for details.



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Att. A.9			distributed the County's 2 mercury/universal waste brochures in City literature racks and at City events.	
<b>Overall Evaluation of Targeted Outreach activities</b>		☉	FY 06-07's targeted efforts focused on proper disposal of universal and hazardous wastes, IPM, construction-generated pollutants, trash, and general pollution prevention. At the local level San José has been able to successfully direct a variety of messages to a wide array of audiences through publishing articles in newsletters, hosting trainings and workshops, attending events targeting specific audiences, direct mailing, and collaborative efforts at the Regional level. The City also focused on training employees on general pollution prevention and awareness issues, so they in turn can educate the public they interact with as well as apply the lessons to their own work tasks. Targeted outreach supplement tasks have been done in other elements of the URMP, such as Illicit Connection/Illegal Dumping, the Industrial/Commercial Dischargers, Construction Inspection, Pesticide Management, Mercury, and the Copper and Nickel Action Plans.	
PIP 4.A.1.a Att. A.12	Coastal Clean-up Day	✋	September 16, 2006. Promoted event in the ESD newsletter and on the City web site.	Approximately 1,100 volunteers. Over 22,000 pounds of trash and 5,500 pounds of recyclables removed. Volunteers were surveyed after the event. See the Santa Clara Valley Water District's Annual Report for details.
PIP 1.B PIP 2.C PIP 4.A	Great American Pick Up	✋	May 19, 2007. ESD, PRNS, DOT, City Manager's Office, Mayor's Office, SJPD, City Attorney's Office, and external agencies planned & coordinated event in San José.	There were 30 clean-up sites, 3 per Council District, a three-fold increase in the number of City sites. 301 volunteers picked up 254 bags of litter; both of which were decreases from the previous year. National River Clean-up Day occurring the same day and time competed with this event for volunteers.
PIP 4.A.1.b Att. A.13	National Rivers Clean-up Day	✋	May 19, 2007. Promoted event in the ESD newsletter, the Great American Litter Pick-up flyer, the Curbside Courier newsletter, and on the City web site.	553 volunteers at 20 sites. Over 29,000 pounds of trash and 9,800 pounds of recyclables removed. 13 out of 20 clean-up sites in the County in San José. Volunteers surveyed after the event. See the Santa Clara Valley Water District's Annual Report for details.
PIP 1.B PIP 4.A Att. A.3	National Bike to Work Day (BTWD)	✋	May 17, 2007. City hosted one "energizer station" with drinks, promotional items and information to give out to bikers.	An estimated 300 people rode by or stopped at the City-sponsored energizer station, similar to last year's turn-out. The Countywide estimate for all bike commuters on BTWD is 27,000; a dramatic increase compared to last year's 15,000-20,000. Throughout the nine-county Bay Area, an estimated 108,000 bicyclists rode that day, more than double last years' turn-out. Both stormwater and air quality benefit from the reduced number of cars on the road. Encouraging people to use alternative modes of transportation highlights this benefit and encourages public participation.
PIP 4.A Att. A.8	Anti-Litter Program	✋	The purpose of the Anti-Litter Program (ALP) is to further beautify San José by preventing graffiti and litter through community involvement, eradication, and enforcement. ALP provides free clean-up supplies to volunteers, designates litter hot spots for adoption, does school outreach with	In FY 06-07, the ALP has 3,143 Pick Up San José volunteers on the rolls, a 12% increase over last FY. Participants picked up 4,134 bags; an estimated 124,000 pounds of litter removed from the City's streets, parks, creeks, and neighborhoods. As of June 2007, 136 of the 150 Litter Hot Spots have been adopted, and eight illegal dumpsites were eliminated.

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			anti-litter messages, and hosts special clean-up events like the Great American Pick-up.	
PIP 4.A Att. A.8	Adopt-A-Park and Adopt-A-Trail		Adopt-A-Park is citywide volunteer program that recruits and trains residents to assist in the general care and maintenance of neighborhood trails, neighborhood/regional parks, and open spaces in San José.	The City's Adopt-a-Park program has over 2,300 volunteers organized into 267 groups that have adopted 164 of the 170 parks eligible for adoption. The Adopt-a-Trail program is still new, with 7 of 35 eligible trails adopted.
<b>Overall Evaluation of Citizen Participation Outreach Activities</b>			<p>Citizen participation activities are a potent method for getting residents out into the Watershed and engendering stewardship. The City participated in three Clean-up events, as well as a Bike to Work Day, designed to promote participation and stewardship in the citizens of San José. Tying Clean-up events to pre-existing events such as Coastal Clean-up Day and the Great American Pick-up is a good way to maximize promotion. Advertising paid for by regional entities is useful for raising awareness locally.</p> <p>The City also organized regular participation activities through the Adopt-A-Park, Adopt-A-Trail, Anti-Litter Volunteers, and Volunteer San José programs. Through these programs, thousands of San José residents are taking an active role in watershed stewardship.</p>	
PIP 3.A.3 Att. A.18	Youth Watershed Education Grants (YWEG)		Eleven grants awarded in FY 06-07 cycle. Four schools and seven non-profits received grants. A total of \$39,330 was given in grants ranging from \$1,000 to \$5,000.	This year's cycle saw similar demand for funds and number of proposals as in the last two FYs. The City dedicated many hours to working with several of the grantees to refine their grant proposals to maximize their educational goals and the City's goals of educating youth on watershed issues and pollution prevention. Grant Projects are ongoing, and will be evaluated at the end of the grant cycle.
PIP 3.A.3	YWEG Grantee Training		February 7, 2007. Grant cycle kick-off training and networking meeting for all the Grantees.	The City repeated this session for grantees, to give them an opportunity to meet and share ideas and resources, to hear from a past grantee, and to learn and ask questions about reporting and evaluating. Grantees anecdotally said the meeting was well worth their time.
PIP 1.C PIP 3.A.3 Att. A.15	Wacky Watersheds Workshops		October 2006 and June 26, 2007. The October workshop presented South Bay Water Connections curriculum to educators as an elective course at UCSC Extension. The June workshop presented the South Bay Water Connections curriculum to middle school educators attending the Partnership for Student Success in Science workshop held by San José State University.	<p>10 participants at October's 2-day workshop at UCSC Extension. 8 submitted evaluations. All rated the workshop's materials as good or excellent.</p> <p>24 participants at June's workshop session. All 24 submitted evaluations, and all 24 rated the material as good or excellent.</p>
PIP 3.A	San José Go Green Schools Initiative		The San José Go Green Schools Program fosters school recycling and environmental stewardship in a parent and community driven process based on the Go Green Initiative of Pleasanton. The City encourages schools to Go Green and connects them to free recycling supplies, mini-grants, site	The Go Green Schools steering committee has diverse members representing City, School, and Community organizations all dedicated to helping schools Go Green. 54 schools in San José have received SJGGS services, and 9 have officially signed up as Go Green Schools in FY 06-07. The City awarded 39 grants totaling \$43,000 to 38 schools to help them get their Go Green

ITEM No.	ACTIVITY	OUTREACH TYPE	FY 06-07 STATUS	EVALUATION
			assessments, and other green resources.	Schools programs started. Each school is unique and poses different challenges to going green, but the City is dedicated to helping schools not only green their operations, but educating their students and communities about environmental issues.
PIP 3.A	San José Go Green Schools Conference		October 14, 2006. Half-day workshop at the Camden Community Center (a green-retrofitted former high school) with lectures and break-out sessions describing different free green resources for teachers, and success stories from other Go Green schools.	Over 100 teachers, parents, students and other schools and community representatives attended. 44 Evaluations submitted, with 84% of respondents rating the overall conference as good or excellent. 20 Indicated they wanted their schools to go green, and 12 availed themselves of the free vermicomposting bins and worms.
PIP 1.B PIP 1.C PIP 3.A.3 Att. A.16	Water Awareness Program		Presentations focusing on Pollution Prevention. <i>It's Wet It's Wild It's Water!</i> Curriculum distributed to teachers. See 14.D: <i>FY 06-07 San José School Outreach</i> for details.	419 People reached. 224 Students in targeted grades 5-7 reached. 6 Survey forms returned. All rated the program as excellent or good.
PIP 3.A.1	ZunZun Presentations		See Program Annual Report for details.	See Program Annual Report for details.
PIP 3	Cupertino School District Field Trip Bussing		Paid for bussing for four San José schools in the Cupertino Union School District and to bus 3 <sup>rd</sup> graders to local creeks as part of Cupertino's 3 <sup>rd</sup> Grade Creek Education Program.	See Cupertino Annual Report for details.
PIP 1.B PIP 1.C PIP 3.A.3 Att. A.17	Slow the Flow		Grant to Don Edwards Environmental Education Center at Alviso to host 9 different types of events: special events, interpretive programs, teacher orientation, field trips, in-class presentations, outreach presentations, workshops, special visits and interpretive displays.	This program reached an estimated 16,000 students and adults in the SJ/SC WPCP Tributary area in FY 06-07. This was accomplished through field trips, weekend programs, special events, outreach events, and classroom presentations. Additionally, visitors can view the interpretive displays at the Environmental Education Center.  From a presentation standpoint, the program continues to get very high evaluations from both teachers and students. Almost 40% of those attending are repeat customers. From a content standpoint between 91 and 100% of those questioned in exit exams recalled key messages of the presentations. Exit polling shows that 92% will use at least one water conservation activity at home. This year a new evaluation method was tested. Students were asked to show key message retention via picture form. Instead of writing the answer, they had to draw the concept. This approach is showing interesting promise.
PIP 1.B PIP 1.C PIP 3.A.	Water Wizard Festival		May 25, 2007. Water education festival for 3 <sup>rd</sup> graders. The purpose of the festival was to increase the awareness of the importance of water and promote stewardship of water as a resource. ESD taught 3 activities related to the City's mission concerning water and watershed	300 students from 4 San José public schools. Pre- and post-testing of each student showed knowledge increases in most areas: Down 1% in knowing that the water we use at home affects our rivers (64% to 63%) Up 2% in knowing Polluted water is not good to drink (89% to

ITEM No.	ACTIVITY	OUTREACH TYPE	FY 06-07 STATUS	EVALUATION
			issues. The messages taught were: Pollution Prevention Difference between Storm and Sanitary Sewer Systems Value of Recycled Water Value of the Treatment Plant Importance of Soil & the Value of Composting	91%) Up 2% in knowing all living things need water (88% to 90%) Up 21% in knowing that we live in a watershed (49% to 71%)
<b>Overall Evaluation of Education Outreach Activities</b>			<p>Education continues to be a vital component of San Jose's pollution prevention plan. The City actively contributes to education both as a City and through the Program. San José commits significant resources to youth education with the goal of instilling a sense of stewardship for the environment. San José employs both in-class education and train-the-trainer approaches to Outreach. In-class presentations are more expensive per student reached, but lend themselves better to evaluation. Train-the-trainer has the potential to reach many more students, but it is extremely difficult to measure the effectiveness of this potential. Youth Watershed Education Grants provide funding for groups and educators to implement their own programs that accomplish the City's education goals.</p> <p>FY 06-07 saw the start of the City's Go Green Schools Program. Go Green Schools fosters recycling and environmental stewardship in a parent and community driven process, and supplies grants to schools to help them achieve their green goals. The City connects schools with free recycling supplies and other green resources, and encourages them to take up Go Green at the level the school chooses, whether it be recycling or environmental curriculum or green purchasing or other green practices.</p>	

### ***FY 06-07 San José School Outreach***

Program & Description	Contractor	Type of Program	Target Grade	Location	School Name	School Location	# events held	# students reached	Evaluation Included?
<b>Bussing for Creek Program</b> Bussing for San José students participating in Cupertino's 3 <sup>rd</sup> grade creek program.	City of Cupertino	Teacher Training, Field Trip	3	See Cupertino data for details	De Vargas Elementary, Dilworth Elementary, Meyerholz Elementary, and Murdock-Portal Elementary.	San José	See Cupertino data	See Cupertino data	See Cupertino data
<b>Youth Watershed Education Grant</b> Grant program for the SJ/SC WPCP Tributary Area that focuses on: supporting watershed projects for youth education; curriculum development; field trips; adoption and implementation of watershed-based curricula; teacher or youth leader-training.	None	Other	K-12	Various	Directly: Del Mar High School, Toyon Elementary, and two to Hacienda Elementary. Indirectly: seven grantees worked with youth from various schools in the WPCP tributary area.	Multiple locations	11	2,140 (est.)	Yes
<b>Wacky Watersheds Workshops</b> Focus: hands-on training to explore the concepts of water use, wastewater treatment, pollution prevention and watershed protection.	(Partnered with RAFT and SJSU)	Teacher Training	K-12	RAFT Lawson MS	Multiple schools	Multiple locations	2	40 Teachers	Yes

Program & Description	Contractor	Type of Program	Target Grade	Location	School Name	School Location	# events held	# students reached	Evaluation Included?
<b>Water Awareness Program</b> Also known as Rangers in Schools: classroom presentation + distribution of "It's Wet It's Wild It's Water!" curriculum. Presentations also done at selected community events.	San José Park Rangers	Presentation	5-7 <sup>th</sup> , but reached as young as 3 <sup>rd</sup> and as old as 6 <sup>th</sup> .	San José	K.R. Smith Elem., Galarza Elem., West Valley Elem., Dahl Elem., Taylor Elem., Escuela Popular, Orchard Elem., Girl Scouts, and Almaden Lake Park.	San José	16	419	Surveys given to teachers
<b>San José Go Green Schools Program</b> Fosters school recycling and environmental stewardship in a parent and community driven process	None	Other	K-12	Various	Multiple schools	San José	54 schools helped, 9 officially signed up	Unknown	Yes
<b>San José Go Green Schools Mini-grants</b> Grants up to \$2,000 for schools to start a campus program to Go Green.	None	Grant		Various	Multiple schools (38 total)	San José	39	Unknown	Yes
<b>Save Green with Go Green: San José Go Green Schools Summit</b> Half-day workshop at the Camden Community Center with lectures and break-out sessions describing different free Green resources for teachers and success stories from other Go Green schools	None	Workshop	K-12	Camden Community Center.	Multiple schools	San José	1	Unknown	Yes
<b>Water Wizard Festival</b> May 25, 2007. Water education festival for three hundred 3 <sup>rd</sup> grade classes. Purpose: to increase the awareness of the importance of water and promote stewardship of water as a resource. ESD taught 1 lesson at three booths (each booth taught 100 students) related to our mission concerning water and watershed issues. The messages taught were: Pollution Prevention (P2), Difference between Storm and Sanitary Sewer Systems (DSS), Value of Recycled Water (RW), Value of Treatment Plant (TP), and Importance of Soil and the Value of Composting.	Guadalupe River Park and Gardens, SCVWD, and Audubon Society.	Presentation	3	Guadalupe River Park and Gardens.	Willow Glen Elementary, Seven Trees Elementary, DeVargas Elementary, and Meyer Elementary.	San José	1	300	Yes
<b>Slow the Flow</b> In-class presentations, field trips, teacher training, and more. Students explore the concepts of water use, wastewater treatment, habitat protection using Zoology, Life Science, Integrated Science, Chemistry, Physical Science, Environmental Science, Biology, Engineering, and Marine Science.	Don Edwards SF Bay National Wildlife Refuge	Presentation, Field Trip, Teacher Training, and Other.	5-12	Alviso Environmental Education Center	See below	n/a	120 (not counting display visits)	Est. 16, 000 students and adults.	Yes
Special Events		Field Trip, Presentation, Other		EEC	Not tracked by individual school		7	936	
Interpretive Programs (aka weekend programs)		Field Trip and/or		Various Venues	Not tracked by individual school		34	661	Yes

Program & Description	Contractor	Type of Program	Target Grade	Location	School Name	School Location	# events held	# students reached	Evaluation Included?
		classroom presentation at the EEC							
Outreach Presentations		Presentation and program promotion at events		Various venues	Not tracked by individual school		4	664	
Interactive Display, Visitor Center		Other		EEC	General audience and weekend visitors.		N/A	N/A	
In Class Presentations (not necessarily delivered in schools)		Presentation		Multiple locations	Multiple elementary schools, middle schools, high schools, and community colleges	Multiple locations	101	3008	
Field Trips		Field Trip		EEC	Multiple schools		48	1566	

### **Outreach Materials Distributed**

BMP Distributed	Inspector <sup>4</sup>	Web <sup>5</sup>	Other <sup>6</sup>	Total
A Clear Look at Our Water	168	0	60	228
Auto Dismantlers Best Management Practices (English)	32	0	0	32
Auto Dismantlers Best Management Practices (Spanish)	29	0	0	29
Auto Dismantlers Best Management Practices (Vietnamese)	12	0	0	12
Auto Facts: How to Dispose of Automotive Fluids Correctly	8	0	0	8
Bay Area Pollution Prevention Group, An Introduction to	0	268	0	268
Bay Begins at Your Front Door, The (English)	548	0	200	748
Bay Begins at Your Front Door, The (Spanish)	271	0	200	471
Bay Begins at Your Front Door, The (Vietnamese)	112	0	150	262
Best Management Practices for Educational Institutions	0	0	10	10
Best Management Practices for Industrial Stormwater Pollution Control	2	0	0	2
Best Management Practices for Machine Shops	33	0	0	33
Best Management Practices for Printing and Photo-processing Operations	5	927	0	932
Best Management Practices for the Construction Industry. Earth-Moving and Dewatering Activities (English)	11	276	0	287
Best Management Practices for the Construction Industry. Earth-Moving and Dewatering Activities (Spanish)	7	186	0	193
Best Management Practices for the Construction Industry. Earth-Moving and Dewatering Activities (Vietnamese)	1	0	0	1
Best Management Practices for the Construction Industry. Fresh Concrete and Mortar Application (English)	19	275	0	294

<sup>4</sup> Outreach Materials Distributed by Inspectors (in accordance with IND 6.a.)

<sup>5</sup> Outreach Materials Distributed via website visit or download

<sup>6</sup> Outreach Materials distributed at events, permanent displays, trainings, and other City activities

<b>BMP Distributed</b>	<b>Inspector<sup>4</sup></b>	<b>Web<sup>5</sup></b>	<b>Other<sup>6</sup></b>	<b>Total</b>
Best Management Practices for the Construction Industry. Fresh Concrete and Mortar Application (Spanish)	12	129	0	141
Best Management Practices for the Construction Industry. Fresh Concrete and Mortar Application (Vietnamese)	1	0	0	1
Best Management Practices for the Construction Industry. General Construction and Site Supervision (English)	27	170	0	197
Best Management Practices for the Construction Industry. General Construction and Site Supervision (Spanish)	10	0	0	10
Best Management Practices for the Construction Industry. General Construction and Site Supervision (Vietnamese)	3	0	0	3
Best Management Practices for the Construction Industry. Heavy Equipment Operation (English)	17	315	0	332
Best Management Practices for the Construction Industry. Heavy Equipment Operation (Spanish)	15	201	0	216
Best Management Practices for the Construction Industry. Heavy Equipment Operation (Vietnamese)	1	0	0	1
Best Management Practices for the Construction Industry. Home Repair and Remodeling (English)	32	718	0	750
Best Management Practices for the Construction Industry. Home Repair and Remodeling (Spanish)	13	170	0	183
Best Management Practices for the Construction Industry. Home Repair and Remodeling (Vietnamese)	3	0	0	3
Best Management Practices for the Construction Industry. Landscaping, Gardening, and Pool Maintenance (English)	54	451	0	505
Best Management Practices for the Construction Industry. Landscaping, Gardening, and Pool Maintenance (Spanish)	40	156	0	196
Best Management Practices for the Construction Industry. Landscaping, Gardening, and Pool Maintenance (Vietnamese)	19	0	0	19
Best Management Practices for the Construction Industry. Painting and Application of Solvents and Adhesives (English)	17	207	0	224
Best Management Practices for the Construction Industry. Painting and Application of Solvents and Adhesives (Spanish)	7	142	0	149
Best Management Practices for the Construction Industry. Painting and Application of Solvents and Adhesives (Vietnamese)	1	0	0	1
Best Management Practices for the Construction Industry. Roadwork and Paving (English)	1	352	0	353
Best Management Practices for the Construction Industry. Roadwork and Paving (Spanish)	0	304	0	304
Blueprint for a Clean Bay	37	301	0	338
Chemical Additives and Water Conservation Practices For Cooling Towers	0	1690	0	1690
Clean Bay Blueprint	19	426	335	780
Construction and Demolition Diversion Depot (CDDD)	7	0	139	146
Cooling Towers Regulations, Pollution Prevention & Flow Reduction	1	0	0	1
Copper Plumbing and the Health of the Bay	0	623	0	623
Curbside Courier (English)	0	1675	n/a	1675
Curbside Courier (Spanish)	0	1689	n/a	1689
Curbside Courier (Vietnamese)	0	1141	n/a	1141
Developments Protecting Water Quality: A Guidebook of Site Design Examples	1	0	0	1
Dewatering from Construction Sites and In-Ground Utilities Maintenance Projects	5	0	0	5
Do It Right (Spanish/English)	107	0	1	108
Do It Right (Vietnamese/English)	40	0	1	41
Does Your Facility Need To Be Covered By The General Permit?	3	759	101	863
Draining Pools and Spas	33	0	1350	1388
Endocrine Disrupting Compounds - WMI Information Sheet	449	449	0	898
Fat Free Sewer	16	0	0	16
Get Rid of your Household Hazardous Waste for Free!	59	0	501	560

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<b>BMP Distributed</b>	<b>Inspector<sup>4</sup></b>	<b>Web<sup>5</sup></b>	<b>Other<sup>6</sup></b>	<b>Total</b>
Get to the Root of the Problem!	2	0	0	2
Good Cleaning Practices Folder	755	0	2	757
Good Cleaning Practices To Protect Our Creeks And Bay (Chinese)	31	0	0	31
Good Cleaning Practices To Protect Our Creeks And Bay (English)	74	0	0	74
Good Cleaning Practices To Protect Our Creeks And Bay (Korean)	12	0	0	12
Good Cleaning Practices To Protect Our Creeks And Bay (Spanish)	187	0	0	187
Good Cleaning Practices To Protect Our Creeks And Bay (Vietnamese)	82	0	0	82
Good Plumbing Practices Protect San Francisco Bay: A fact Sheet for installers/ plumbers	12	596	0	608
Grease Management - Grease Interceptor Maintenance (English)	362	0	2	364
Grease Management - Grease Interceptor Maintenance (Spanish)	97	0	0	97
Grease Management - Grease Interceptor Maintenance (Vietnamese)	48	0	0	48
Grease Management - Grease Trap Maintenance (English)	558	0	2	560
Grease Management - Grease Trap Maintenance (Spanish)	165	0	0	165
Grease Management - Grease Trap Maintenance (Vietnamese)	81	0	0	81
Grease Management - Limitations on the use of Chemicals, Enzymes and Bacteria for grease removal	417	0	2	419
Grease Management - Limitations on the use of Chemicals, Enzymes and Bacteria for grease removal (Spanish)	126	0	0	126
Grease Management - Limitations on the use of Chemicals, Enzymes and Bacteria for grease removal (Vietnamese)	56	0	0	56
Grease Management - Maintenance Documentation (English)	610	0	2	612
Grease Management - Maintenance Documentation (Spanish)	206	0	0	206
Grease Management - Maintenance Documentation (Vietnamese)	105	0	0	105
Grease Management - Power-Operated Grease Removal Devices (English)	97	0	0	97
Grease Management - Power-Operated Grease Removal Devices (Spanish)	6	0	0	6
Grease Management - Power-Operated Grease Removal Devices (Vietnamese)	4	0	0	4
Grease Management - Vapor/Ventilation Hood Cleaning	516	0	2	518
Grease Management - Vapor/Ventilation Hood Cleaning (Spanish)	190	0	0	190
Grease Management - Vapor/Ventilation Hood Cleaning (Vietnamese)	93	0	0	93
Grease Management: Grease Log	463	0	0	463
Grease Management: Managing Fats, Oils and Grease Poster	642	0	2	644
Guidelines for Managing Water in Cooling Towers	0	2114	0	2114
Guidelines for Vehicle Service Facilities, Body Work (English)	44	0	0	44
Guidelines for Vehicle Service Facilities, Body Work (Spanish)	24	0	0	24
Guidelines for Vehicle Service Facilities, Body Work (Vietnamese)	11	0	0	11
Guidelines for Vehicle Service Facilities, Changing Oil and Other Fluids	58	0	51	109
Guidelines for Vehicle Service Facilities, Engine & Parts Cleaning & Radiator Flushing	50	0	51	101
Guidelines for Vehicle Service Facilities, Keeping a Clean Shop	105	0	50	155
Guidelines for Vehicle Service Facilities, Tips for Managers of Vehicle Service Facilities	59	0	10	69
Guidelines for Vehicle Service Facilities, Washing Cars and Other Vehicles (English)	49	0	51	100



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<b>BMP Distributed</b>	<b>Inspector<sup>4</sup></b>	<b>Web<sup>5</sup></b>	<b>Other<sup>6</sup></b>	<b>Total</b>
Guidelines for Vehicle Service Facilities, Washing Cars and Other Vehicles (Spanish)	29	0	0	29
Guidelines for Vehicle Service Facilities, Washing Cars and Other Vehicles (Vietnamese)	11	0	0	11
Hazardous Waste Disposal Program for Small Businesses in Santa Clara County	21	0	1	22
Help Prevent Illegal Dumping	10	0	0	10
Home Maintenance Tips for a Cleaner Bay	120	0	2	122
IC/ID Card for Concrete Work	20	0	0	20
IC/ID Card for Engine Degreasing	19	0	50	69
IC/ID Card for General Dumping Into Storm Drain	355	0	0	355
IC/ID Card for Grey Water	573	0	1	574
IC/ID Card for Landscape Maintenance	111	0	0	111
IC/ID Card for Overwatering	15	0	0	15
IC/ID Card for Painting	20	0	0	20
IC/ID Card for Residential Car Washing	27	0	0	27
IC/ID Card for Saw Cut Slurry	3	0	0	3
IC/ID Card for Sediments	7	0	0	7
IC/ID Card for Storing Landscape Materials	66	0	0	66
IC/ID Card for Vehicle Fluids	329	0	1	330
Is Your Roof Runoff Polluted?	0	0	101	101
Keeping It All In Tune	78	0	350	428
Keeping It All In Tune (Span)	39	0	0	39
Landscaping while protecting our creeks and Bay	22	409	0	431
Make a Difference: Be a Green Business	41	0	0	41
Mobile Cleaner Best Management Practices CETA	112	0	45	157
New Rules for the Disposal of Universal Waste	1	0	0	1
No Dumping Flows to Bay Stencil (English)	112	0	76	188
No Dumping Flows to Bay Stencil (Spanish)	54	0	50	104
No Dumping Flows to Bay Stencil (Vietnamese)	20	0	32	52
OWOW Controlling Ants In Your House (Spanish)	1	0	78	79
OWOW Controlling Aphids In Your Garden (Spanish)	0	0	22	22
OWOW Controlling Snails and Slugs In Your Garden (Spanish)	0	0	23	23
OWOW Controlling Yellow Jackets in your Yard	1	0	0	1
OWOW Controlling Yellow Jackets in your Yard (Spanish)	0	0	31	31
OWOW Keeping Fleas Off Your Pets and Out of Your Yard	0	0	400	400
OWOW Keeping Fleas Off Your Pets and Out of Your Yard (Spanish)	0	0	118	118
OWOW Safe Use and Disposal of Pesticides	2	0	1	3
OWOW Safe Use and Disposal of Pesticides (Spanish)	0	0	1	1
Pens: 6-message (for Construction Inspection Trainings)	0	0	340	340

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<b>BMP Distributed</b>	<b>Inspector<sup>4</sup></b>	<b>Web<sup>5</sup></b>	<b>Other<sup>6</sup></b>	<b>Total</b>
Pest or Pal? Coloring Book	0	0	60	60
pH Poster	2	0	0	2
Pollution From Surface Cleaning	51	0	45	96
Pollution Prevention Tips for Carpet Cleaners	19	0	0	19
Post-It Note Pad	0	0	1200	1200
Preventing Corrosion Protects San Francisco Bay: A Fact Sheet for Designers (copper pipes)	1	1556	0	1556
Preventing Storm Drain Pollution (English)	882	3494	55	4431
Preventing Storm Drain Pollution (Spanish)	228	0	0	228
Preventing Storm Drain Pollution (Vietnamese)	139	0	0	139
Resource Sheet for Storm Drain Protection	14	0	0	14
Sawcut Slurry	3	0	0	3
Spill Response Sheet	6	0	0	6
Surveillance Monitoring Fact sheet	0	250	0	250
Switching to Water-Based Solutions for Parts Cleaning	0	0	5	5
Think Build Save Green: Green Building	0	549	0	549
Upper Penitencia Creek: Flowing Through Time	0	503	0	503
Wastewater Paths handout	0	0	360	360
Website: Minimize Household Hazardous Waste	n/a	361	0	361
Website: Cars and Water Pollution	n/a	2878	0	2878
Website: Certified Surface Cleaners	n/a	968	0	968
Website: Clean Creeks and Bays: How you can help	n/a	507	0	507
Website: Creekside Residents and Water Pollution	n/a	426	0	426
Website: Disposal of Automotive Fluids	n/a	1357	0	1357
Website: Garbage and Water Pollution	n/a	807	0	807
Website: Never Put These Down the Drain	n/a	782	0	782
Website: Hazardous Waste Disposal	n/a	604	0	604
Website: How to Minimize Water Pollution from Your Yard Due to PESTICIDES	n/a	561	0	561
Website: Pollution Prevention for Renters	n/a	813	0	813
Website: Pollution: It's not just industry	n/a	453	0	453
Website: Report an Environmental Crime	n/a	633	0	633
Website: Resources for Educators: South Bay Water Connections	n/a	843	0	843
Website: Resources for Educators: Teacher Training	n/a	1461	0	1461
Website: Roof Runoff Pollution	n/a	544	0	481
Website: Stormwater Discharge	n/a	2285	0	2285
Website: Stormwater FAQs	n/a	1983	0	1983
Website: Unwanted Chemicals? Here's what to do	n/a	398	0	398
Website: Water Awareness	n/a	2088	0	2088

<b>BMP Distributed</b>	<b>Inspector<sup>4</sup></b>	<b>Web<sup>5</sup></b>	<b>Other<sup>6</sup></b>	<b>Total</b>
Website: Water Pollution and Residents	n/a	2551	0	2551
Website: Water Pollution Prevention: Pool, Spa and Fountain Water	n/a	1916	0	1916
Website: Watershed Protection	n/a	6109	0	6109
Website: What is Green Building?	n/a	13728	0	13728
Website: Where Water Goes Outside Your Home	n/a	2213	0	2213
Website: Youth Watershed Education Grants	n/a	2667	0	2667
We're Stenciling Curbs! (English)	0	0	61	61
We're Stenciling Curbs! (Spanish)	0	0	100	100
West Nile Virus	0	704	0	704
What Responsible Businesses Need to Know about Mercury and Universal Waste	5	0	50	55
What you don't know about Mercury and Universal Waste could be harmful to you	1	0	150	151
Where Does the Water Go?	11	0	0	11
Your Shop Can Make a Difference	2	0	0	2
<b>Totals</b>	<b>12288</b>	<b>74111</b>	<b>7084</b>	<b>93424</b>

## 15. Permit Reapplication

### 15.A Permit Reapplication Preparation Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 06-07 STATUS	RESPONSIBLE PARTY
PRP A.	Compile all changes to URMP as part of reapplication for next permit (C.2.b)	Done FY 04-05	Done FY 04-05.	ESD
PRP B.	Participate in permit development and negotiation processes.	Ongoing	Done FY 06-07 and ongoing. San Jose staff have participated and will continue to participate in the MRP process through the Program, BASMAA, and individually as a City.	ESD

### 15.B Permit Reapplication Preparation Evaluation

The City's current NPDES permit was adopted in February 2001 for a five-year period. The permit was amended in October 2001 and July 2005, with both amendments relating to the New and Redevelopment stormwater treatment and hydromodification provision, also known as Provision C.3. The permit has been administratively extended since February 2006, pending the adoption of the Bay Area-wide Municipal Regional Permit.

In late 2005, the Water Board embarked on a multi-stakeholder process to craft an NPDES permit, called the Municipal Regional Permit (MRP), that would apply to all municipal stormwater dischargers in the Bay Area. In the past, NPDES permits were issued separately to Bay Area stormwater programs with staggered adoption dates, which often resulted in uneven and inequitable requirements.

City staff has dedicated numerous hours analyzing MRP drafts, briefing stakeholders, and preparing responses to the drafts. Staff has also participated in the steering and stakeholder meetings convened by Water Board staff. City staff will continue to participate in the MRP process through the Program, BASMAA, and individually as a City. The Water Board is expected to adopt the MRP in 2008.

### 15.C Permit Reapplication Preparation Response to Water Board Comments

No comments received from Water Board on this Program Element.

### 15.D Permit Reapplication Preparation Summary Tables / Additional Information

No additional information on this Program Element.

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## Glossary

ABBREVIATION	DESCRIPTION
AHTG	Ad Hoc Task Group
ALP	Anti-Litter Program
AOC	Area of Concern
BACWA	Bay Area Clean Water Agencies
BAHM	Bay Area Hydrology Model
BAPPG	Bay Area Pollution Prevention Group
BASMAA	Bay Area Stormwater Management Agency Association
BMP	Best Management Practice
BOMA	Building Operators and Managers Association (Silicon Valley Chapter)
CAE	Department of Conventions, Arts & Entertainment
CAO	City Attorney Office
CEP	Clean Estuary Partnership
CEQA	California Environmental Quality Act
CETA	Cleaning Equipment Trade Association
CIP	Capital Improvement Program
CNAP	Copper & Nickel Action Plans
CON	Construction Inspection
Corp Yard	Corporation Yard
CSDC	Computer Systems Development Corporation
DEH	Santa Clara County Department of Environmental Health
DOT	Department of Transportation
DPR	Department of Pesticide Regulation
DTSC	Department of Toxic Substances Control
EE	Environmental Enforcement
EEC	Environmental Education Center at Don Edwards SF Bay Wildlife Refuge in Alviso
EEDMS	Environmental Enforcement Data Management System
EIR	Environmental Impact Report
EPA	Environmental Protection Agency
ESD	Environmental Services Department
EVA	Emergency Vehicle Access
FOG	Fats, Oils, and Grease
GCASP	General Construction Activity Stormwater Permit
GIS	Geographic Information System
GS	General Services Department
HHW	Household Hazardous Waste
HMP	Hydromodification Management Plan
ICID	Illicit Connection/Illegal Discharge
IMSPAR	Infrastructure Maintenance Division Storm Drain System Problem Area Report

<b>ABBREVIATION</b>	<b>DESCRIPTION</b>
IND	Industrial/Commercial Discharger Inspection Program
IPM	Integrated Pest Management
IWM	Integrated Waste Management
KAB	Keep America Beautiful
LEED	Leadership in Energy and Environmental Design
LID	Low Impact Development
M	Mercury
Marcom	Marketing and Communications
MC	Municipal Compliance
MDN	Mercury Deposition Network
MEP	Maximum Extent Practicable
MOA	Memorandum of Agreement
MON	Monitoring
MRP	Municipal Regional Permit
MS4	Municipal Separate storm Sewer System
Muni Water	City of San José Municipal Water System
NRD	New and Redevelopment
NEPA	National Environmental Protection Act
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination System
O&M	Operation and Maintenance
OP pesticide	Organophosphate pesticide
OWOW	Our Water Our World
PCB	Polychlorinated Biphenyl
PBCE	Department of Planning, Building & Code Enforcement
PBCE-Bldg	Building Division of PBCE
PBCE-Planning	Planning Division of PBCE
PCO	Pest Control Operator
PDO/PIO	Parkland Dedication and Park Impact Ordinances
PIP	Public Information and Participation
PM	Pesticide Management
PRNS	Department of Parks, Recreation, and Neighborhood Services
Program	Santa Clara Valley Urban Runoff Pollution Prevention Program
PSR	Public Streets, Roads, and Highways
PW	Department of Public Works
PW-CFAS	City Facilities Architectural Services Division of PW
PW-ECS	Engineering and Construction Services Division of PW
PW-TDS	Transportation & Development Services of PW
RDA	Redevelopment Agency
RFQ	Requests for Quotation
RMP	San Francisco Bay Regional Monitoring Program
RPW	Rural Public Works

<b>ABBREVIATION</b>	<b>DESCRIPTION</b>
RTA	Rapid Trash Assessment
RWQCB	Regional Water Quality Control Board (Water Board)
SCBWMI	Santa Clara Basin Watershed Management Initiative
SCVURPPP	Santa Clara Valley Urban Runoff Pollution Prevention Program
SDO	Storm Drains Operation and Maintenance
SFEI	San Francisco Estuary Institute
SIC	Standard Industrial Classification
SJPD	San José Police Department
SNI	Strong Neighborhood Initiative
SOP	Standard Operating Procedure
SWMP	Stormwater Management Plan
SWPPP	Stormwater Pollution Prevention Plan
TBD	To Be Determined
TCM	Treatment Control Measure
The City	The City of San José
TMDL	Total Maximum Daily Load
TRA	Trash
UR	Urban Runoff section of ESD
URMP	Urban Runoff Management Plan
URTA	Urban Rapid Trash Assessment
WE	Watershed Enforcement section of ESD
WEO	Watershed Education & Outreach
WMI	Watershed Management Initiative (see SCBWMI)
WMI-COS	Watershed Management Initiative – Communications and Outreach Subgroup
WMI-LUS	Watershed Management Initiative – Land Use Subgroup
WPCP	Water Pollution Control Plant
WUOM	Water Utilities Operations and Maintenance
WUPPP	Water Utility Pollution Prevention Program
YWET	Youth Watershed Education Team