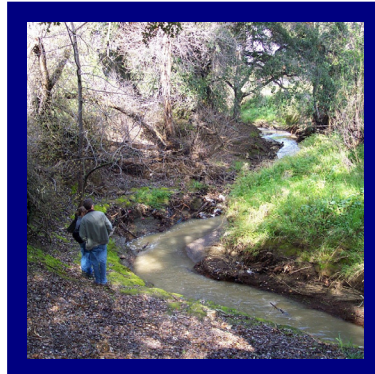


City of San José Urban Runoff Management Plan *Annual Report 2004-2005*



This document is DRAFT, pending approval by the City Council. The Council is scheduled to consider approval on September 13, 2005.

City of San José

Urban Runoff Management Plan

Annual Report 2004-2005

September 2005

Acknowledgements

This report was prepared by the City of San José

Environmental Services Department

Watershed Protection Division

Urban Runoff Program Section

In partnership with:

Environmental Services Department: Watershed Enforcement

Environmental Services Department: Municipal Water

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

*City of San José Urban Runoff Management Plan
Annual Report FY 2004-2005*

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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 to the City's storm sewer system.

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.

Most program elements contain requirements that affect 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); 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 more than 800 cases, an increase from last year but within the five-year average. Residential incidents continue to be most frequent with vehicle-related sources being most common. Dumping of various materials was also a prevailing source. Construction related incidents are still notable but have declined over previous years as coordination of inspections across departments improves. ESD responds to all complaints with education and enforcement in partnership to achieve compliance and prevent future incidents.

In 2004-05, ESD conducted several preventative outreach and clean-up activities to address illegal discharges. Inspectors began attending preparation meetings in advance of outdoor events sponsored by the City to educate organizers on best management practices (BMPs) to prevent pollution. Inspectors conducted on-site trainings at selected multi-tenant businesses to educate them on pollution prevention practices. The City also responded to several complaints regarding litter in or along local creeks. Clean up activities were coordinated across departments through this and the Trash program elements.

Industrial & Commercial Discharges (IND)

Under this program element, ESD inspects more than 3,000 businesses per year 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 limited inspection resources on high priority cases to best protect water quality. 70% 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.

Approximately one third of the businesses inspected are restaurants or other food service facilities. These inspections address how a restaurant conducts cleaning practices, particularly outdoors. Increasingly, this program also addresses how a facility manages its oil and grease wastes. Such wastes pose a risk of clogging the sanitary sewer system, which can then result in illegal stormwater discharges. This year, the City produced a comprehensive outreach packet to focus on restaurants. This and other outreach efforts appear to be working. Among restaurants, inspectors note that housekeeping issues are improving but that oil and grease issues remain persistent.

Inspectors have been able to manage an increasing workload through prioritization and the sound use of technology. A City effort to encourage business licensing has resulted in a large influx of additional businesses to incorporate into the program. These newly licensed businesses are being phased in over a three-year period to effectively manage the workload. Inspectors continue to use the new Environmental Enforcement Data Management System (EEDMS) database and personal digital assistants (PDAs) to efficiently conduct inspections and manage information.

Monitoring (MON)

Monitoring activities required in the stormwater permit are generally implemented in collaboration with other agencies. The City continues to participate in monitoring activities area-wide, including Regional and Program-focused investigation of pollutants and sources to the storm drain system. The City also provides input and support to the Program's multi-year monitoring program, and reviews work products as various Program-level projects are designed and completed.

New and Redevelopment (NDC)

This program element is driven by provision C.3 (New and Redevelopment) of the permit, as 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 implementation of the new requirements for Group 1 projects (those that create one acre or more of impervious surface) began on October 15, 2003 and was expanded in February 2005 to include all Group 1 projects. This requirement was again expanded on May 17, 2005, to include Group 2A projects (those that create or replace 10,000 square feet or more of impervious surface and have a significant potential to contribute pollutants).

During the past year, the City has made significant strides in implementing this program. The City has revised administrative processes and updated relevant documents needed for implementation. The primary tools for implementation are the Municipal Code and the Council Policy on Post Construction Urban Runoff Management. Policy revisions were approved by City Council on February 15, 2005 and May 17, 2005. The City also remains an active partner in the Program's development of various guidelines and tools for implementation of the C.3 provisions. At the local level, the City now requires developers to submit a Stormwater Control Plan for all applicable projects to delineate clearly how stormwater requirements are being met for new development. This Plan is intended to expedite review and ensure that stormwater measures are tracked throughout the development cycle. The City also implemented an expansive training program to give staff the information and resources needed to effectively guide and review development applications. Among the training highlights was a four-session series focused on stormwater controls from design to maintenance to proper selection. Staff from five departments attended.

Generally, implementation of stormwater controls is easier on undeveloped, "greenfield" sites, such as Coyote Valley (at the southern tip of San Jose) because the land requirements for runoff treatment BMPs can be factored into the master plan and accommodated early in the development process. Implementing stormwater controls on smaller, infill sites in a developed urban area is much more difficult given limited land area, the high cost of land, and the City's 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 continues to emphasize site design and source control as the primary tactics for addressing stormwater on a project-by-project basis. The City has also continued to participate in efforts to develop analytical tools and outreach on a regional basis. Planning and Public Works continue to provide information about stormwater issues and new requirements 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 stormwater 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.

In 2004-05, the City focused on staff training as a means of increasing inspector awareness of conditions that lead to stormwater pollution and improving coordination across departments. Public Works inspectors now regularly refer cases to ESD for follow-up and include detailed information on issues identified at a site to both ESD and Building. Inspectors also conducted on-site trainings at selected sites to educate project managers and subcontractors on BMPs.

While inspection efforts are improving, site conditions do still show stormwater issues need to be addressed. Overall, the need for enforcement decreased, but more than 300 verbal warnings were issued in addition to more than 70 written notices or citations.

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 best management practices (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 2004-05, this training was completed in May 2005. Session content centered on review of the Department of Transportation's BMPs and Standard Operating Procedures (SOPs) for O&M activities. Training content is directed by which work groups are present, and the training curriculum is revised when needed to reflect new practices. For example, a new training module specific to DOT electrical staff was developed and training conducted in June 2005. On average, 96% 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.

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 maintenance activities that are conducted to ensure the proper function of the storm sewer system to collect and convey clean rainwater. Maintenance staff training is conducted to coincide with that of the PSR program element and was completed in May 2005.

DOT successfully implemented its annual storm drain inlet inspection and cleaning program, cleaning approximately 28,000 inlets. To date, the City has been able to achieve the more comprehensive Tier 2 level of inlet cleaning performance. Due to budget constraints anticipated for 2005-06, a modified implementation of Tier 2 may be needed. In 2004-05, new criteria were developed for inlet cleaning data collection, and training on the criteria was conducted for the cleaning crews prior to the start of the inlet cleaning program. The new data collection criteria worked well. Evaluation of the inlet cleaning data collected indicates that approximately five 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 illicit 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 illicit pollution is identified. Using this information, the City can direct resources to known problem areas.

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 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 integrated pest management techniques for many years. Pesticide use on City of San José municipal property is based upon specific site needs. The decision to use a pesticide is determined by several factors, i.e., site evaluation, accurate identification of the pest, past 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.

In 2004-05, the City implemented a new data management tool to compile and evaluate information on pesticide use on City property. This database includes information reported by City staff and contractors. While some issues remain with incomplete data from contractors, comparative data was reviewed for City staff applications and for golf courses. In general, City use of the two most common herbicides (Roundup and Pendulum) decreased despite an increase in total acreage maintained. In some cases, Gallery was used to replace Pendulum to address escape weeds and resistance to Pendulum. The use of diuron products was increased to maintain effective weed control along undeveloped rights-of-way and alleviate the need for repeated treatment. Golf course applications fluctuated to address specific infestations such as pink snow mold and dollar spot fungus. Golf course managers also began using a crystalline form of copper, as a test to determine whether it provides longer lasting algae control than the liquid form used previously.

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 mercury discharges in municipal operations. The City purchases, almost exclusively, low mercury-containing fluorescent lamps. Expired lamps are required to be recycled. A flyer was distributed to staff in various departments to ensure that lamps are stored, handled, and disposed properly. In 2004-05, the City recycled nearly 38,000 feet of mercury-containing lamps. Residential recycling of lamps is accomplished through the City's support of the Santa Clara County's Household & Small Business Hazardous Waste program. The City also conducts various outreach efforts at both the City and Program levels.

In addition, the City has operated and maintained a National Mercury Deposition Network (MDN) site since January 2000, 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 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.

Water Utilities Operations & Maintenance (WUOM)

This program element addresses a municipal activity and is implemented in accordance with provision C.2.a. The program addresses operation and maintenance 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 development of a video demonstrating the implementation of BMPs for a specific work function. This year, the tank cleaning program was the focus of annual evaluation of SOPs and the review found that no changes in the current practice are needed.

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. Conducting outreach to the community and providing opportunities for 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 outreach and education activities, including many in collaboration with other agencies, such as through the Program or regional groups. Highlights for 2004-05 include continued stenciling of storm drain inlets throughout the City with the appropriate neighborhood creek name and 945-3000 hotline number; hosting creek clean-up sites; completion of a BMP packet aimed at restaurants; and participation in a Water Wizard Festival for 300 third grade children. Outreach continues to be a vital tool for enforcement inspectors, allowing for direct education of polluters and potential polluters. Educating the youth of San José continues to be a priority, with several different programs targeting both students and teachers with watershed education.

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 message more effectively and at reduced cost.

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 2004-05, the City held more than 70 sessions on various topics to ensure that City staff received training on

procedures and issues related to stormwater programs. Some are part of well-established training regimens. Strong emphasis was maintained on “keeping mud out of the streets and storm drains” during the erosion and sediment control training for both City staff and developers. Best management practices were reviewed in detail with various operations and maintenance personnel. New trainings held this year addressed implementation of the C.3 (New and Redevelopment) requirements including a series of workshops addressing control measure selection and design.

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 two quarters of 2005. Quarterly hazardous material inspections, which include stormwater issues, were also conducted in 2004-05. A Corporation Yards’ Pollution Prevention Team (P2 Team) was formed in December 2004. The responsibilities of the team are to review and update Corp Yard Stormwater Pollution Prevention Plans (SWPPPs), assess the Corp Yards for current stormwater best management practices (BMPs) in use, determine if new BMPs should be included in the SWPPPs, and assist in implementing the SWPPPs (i.e., training). As a first task, the Main Yard SWPPP was revised in June 2005. The combination of site inspections and the semi-annual meetings appears to be working well. The Corp Yards’ general appearances have improved over the last several years and the concerns identified in the inspection reports are usually minor and resolved swiftly.

Copper & Nickel Action Plans (CNAP)

This program element is implemented pursuant to provisions C.9.a and 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.

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 were previously distributed to industrial facilities. In 2004-05, ESD began a project to include additional rooftop inspections of select facilities in order to evaluate the degree of BMP implementation and the need for additional outreach or enforcement efforts. The project will continue through next year.

The City also completed its “NOI Filers” project. This activity was aimed at increasing awareness among industrial facilities of their obligations under the State’s General Industrial Activities Stormwater Permit. 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 State permit. This year, the City also completed a mass mailing to prospective facilities to alert them to the requirements. This mailing will be repeated and the project evaluated next year.

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 the 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 and identification of litter hotspots.

Trash assessments, hotspot prioritization, and enhancements to trash management practices were the focus of activities during 2004-05. The hotspot list is comprised of Antilitter Program sites, parks, and homeless encampments located throughout the City. This year assessments were performed at hotspots within the Coyote watershed using standard protocol selected by the Program. The assessments provided useful 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 assessed, but that enhancements are needed in others. Preliminary efforts to enhance trash management practices at high priority locations and in general to address potential impacts to creeks began in 2004-05.

This year the City of San Jose and the Santa Clara Valley Water District (District) executed a Memorandum of Agreement (MOA) for Trash Prevention and Removal (Trash MOA). Both the City and the District have individually established programs that entail trash removal from creek areas. The purpose of the Trash MOA is to formalize the commitment of the City and District to coordinate resources, when feasible, to remove trash in and near creeks. Among other provisions, the MOA calls for up to three partnered cleanup projects each calendar year. The trash cleanup projects are intended to take place at locations that fall outside the normal scope of operations of the City and District. During this reporting period, one such project occurred in an area along Coyote Creek with a large in-creek trash accumulation. Two additional cleanups are scheduled to take place in 2005.

Certification Statement

**City of San José
FY 2004-2005 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:

A handwritten signature in black ink, appearing to read 'R. Shipes', is written over a solid horizontal line.

RANDOLPH A. SHIPES
Deputy Director
Environmental Services Department
Watershed Protection

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1. ICID: Illicit Connection / Illegal Discharge Inspection

1.A ICID Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
ICID 1	Response to Complaints The City of San José will respond to complaints regarding IC/ID 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 IC/ID complaint information.	Done FY 02-03	Done FY 02-03.	ESD-WE
ICID 1.B.	Document to RWQCB annually the number of IC/ID complaints that City received, & that activity has ceased or is an allowable discharge.	Annually	Done. See 1.D ICID Summary Tables/Additional Information.	ESD-WE
ICID 1.C.	Document to the RWQCB annually follow-up activities from each IC/ID complaint response. (Table 1 in the Annual Report)	Annually	Done. See 1.D ICID Summary Tables/Additional Information.	ESD-WE
ICID 1.D.	Review effectiveness of standard operating procedures for responding to IC/ID complaints.	Annually	Done.	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. Anticipated new completion date: Spring 2006.	ESD-WE, Program
ICID 1.F.	Revise standard operating procedures to incorporate results of ICID 1E.	03/01/05	Pending completion of ICID 1E. Anticipated new completion date: Spring 2006.	ESD-WE, Program
ICID 2	Investigations 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 IC/ID pollution based on complaints, historical inspection records, inspector knowledge and monitoring information.	Annually	Done. 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. See 1.D ICID Summary Tables/Additional Information.	ESD-UR
ICID 2.B.	Conduct investigations of high priority areas based on ICID 2A.	Ongoing	Done. See 1.D ICID Summary Tables/Additional Information. Additionally staff conducted outreach efforts in business areas that had consistent ICID complaints.	ESD-WE
ICID 2.C.	Document to the RWQCB that high priority areas have been conducted, per Table 2 in revised reporting format.	Annually	Done. See 1.D ICID Summary Tables/Additional Information.	ESD-WE
ICID 3	Inspector Training The City of San José will ensure that IC/ID inspectors are adequately trained in inspection procedures, documentation, and enforcement related to stormwater pollution prevention.			

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
ICID 3.A.	Conduct annual training for IC/ID inspectors.	Annually	Done. See 12.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. See 12.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. 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
ICID 4	Outreach and Technology Transfer The City of San José will distribute outreach and technology transfer material containing applicable control measures and/or BMPs to target parties responsible for IC/ID activities.			
ICID 4.A.	Develop and/or modify existing outreach material, as needed, based on report developed under ICID 4B	Ongoing, as needed.	Done. Six restaurant grease information sheets entitled 1) <i>Chemicals, Enzymes and Bacteria</i> , 2) <i>Power Operated Grease Removal Devices</i> , 3) <i>Grease Interceptor Maintenance</i> , 4) <i>Grease Trap Maintenance</i> , 5) <i>Maintenance Documentation Requirements</i> and 6) <i>Vapor/Ventilation Hood Cleaning</i> were printed in English. A poster entitled <i>Commercial Fats, Oils and Grease</i> was produced in English, Spanish and Vietnamese.	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. Feedback from inspectors is collected during regular staff meetings. Needs are identified and responded to as priorities and budget allow. <i>Preventing Storm Drain Pollution</i> was translated into Spanish and Vietnamese. The <i>Draining Pools and Spas</i> brochure was reprinted in English.	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 11.D: <i>PIP Activities</i> 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 IC/ID services.	Development Done FY 02-03 Implementation Ongoing	Customer feedback cards are routinely distributed to ICID complainants. See Section 11 A, Item PIP 2.B 1 for details.	ESD-WE
ICID 5	SOPs Effectiveness Evaluation 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 and ongoing. Outreach was added as a standard element to areas that have consistent ICID reports.	ESD WE
ICID 5.B.	In Annual Report, document and evaluate what worked well and what needs improvement.	Annually	See 1.B: ICID Program Evaluation.	ESD WE

1.B ICID Program Evaluation

Figure 1 illustrates the distribution of ICID incident types for Residential, Commercial, Industrial, Automotive, Food, Construction, and Public facilities.

The number of vehicle and equipment leaking incidents is up slightly to 137 from a total of 123 last year. This type of incident continues to be the leading incident type investigated in residential areas and residential areas lead in the total number of complaints at 371. (See Section 1.D ICID Summary Tables/Additional Information). In FY 05-06 staff will analyze geographically the residential complaint data and examine whether there are clusters of complaints originating from specific residential areas in the City. The Strong Neighborhoods Initiative (SNI) is a partnership between the City of San José, the Redevelopment Agency (RDA) and San José's residents and business owners to strengthen the City's neighborhoods by building clean, safe and strong neighborhoods with independent, capable and sustainable neighborhood organizations. SNI may be a good venue to engage the community about the ICID Program.

The number of construction related incidents was down significantly from 117 last fiscal year to 73 this year. Staff in ESD, PW, and PBCE all coordinated their efforts to more effectively prevent construction related incidents. Please see the CON section for details.

Targeted Outreach Efforts in FY 04-05

Staff focused on outreach this fiscal year and conducted a number of targeted outreach activities in an effort to reduce the number of ICID calls which reached a high of 1,437 cases in FY 99-00. Through targeted outreach activities, the number of ICID calls has been significantly reduced and staff continues to work towards further reducing the number of calls.

Outdoor Events Coordination

Over the last year, Watershed Enforcement has responded to a number of complaints regarding outdoor events and the lack of BMPs or illegal discharges to storm drains. In cooperation with the City's Office of Cultural Affairs, inspection staff now attends all "pre-event meetings" for outdoor events, in an effort to improve customer service and help prevent pollution through education. WE staff identify potential sources of stormwater contamination at events and recommend measures to alleviate them and also distribute outreach material relating to storm drain pollution prevention.

On-site Training at Kings Row Properties

Kings Row is an acronym given to an area of San José that has several Commercial/Industrial businesses on a private property off Kings Row (street). Over the last few years, this area had on-going issues with illegal discharges to the storm drains, with poor housekeeping practices by the businesses. As part of on-going monitoring and enforcement, Watershed Enforcement staff conducted an information/training meeting on April 28, 2005, with all the tenants to educate them on stormwater regulations and possible enforcement actions. The training was offered in response to requests from property owners and managers who felt that this kind of training from City staff would be effective in raising awareness among the business owners and operators.

Stormwater Training for Grand Century Mall

Watershed Protection staff provided an on-site training in Vietnamese at Grand Century Mall in San José to train the food-related tenants about best housekeeping practices to prevent storm drain pollution. This site has an ongoing history of illegal dumping of wash water to the storm drain and some grease related problems in the sanitary sewers. Grease related educational material was distributed at this training as well.

Significant clean ups

ESD Enforcement staff also cleaned up a number illegal non-hazardous dumping cases on both the Los Gatos and Coyote Creek and coordinated with other City departments to clean up a storm line on Leo Avenue and a suspected methamphetamine laboratory.

Los Gatos Creek Illegal Dumping Cleanup

Watershed Enforcement staff responded to a complaint about illegal dumping of possible auto fluids along the bank of Los Gatos Creek, at Home Street. Six, 5-gallon containers of waste oil were dumped onto the creek banks. Staff coordinated with the Fire Department (HIT) to remove the raw material. ESD contracted services to provide environmental remediation of the effected soil. The effort was also coordinated with DOT, which provided the services for removal and replacement of the barricades and fence at the end of the street, to provide access for the remediation work.

Coyote Creek Illegal Dumping Cleanup

Staff responded to a call from the Santa Clara Valley Water District about "blue" colored water in the Coyote Creek. ESD coordinated with DOT to pump the contaminated water out of the creek and into the sanitary sewer system. Investigation led the source to be possible dumping from charter buses that operate out of a shopping mall parking lot in East San José. Staff is in the process of identifying the responsible parties to pursue enforcement.

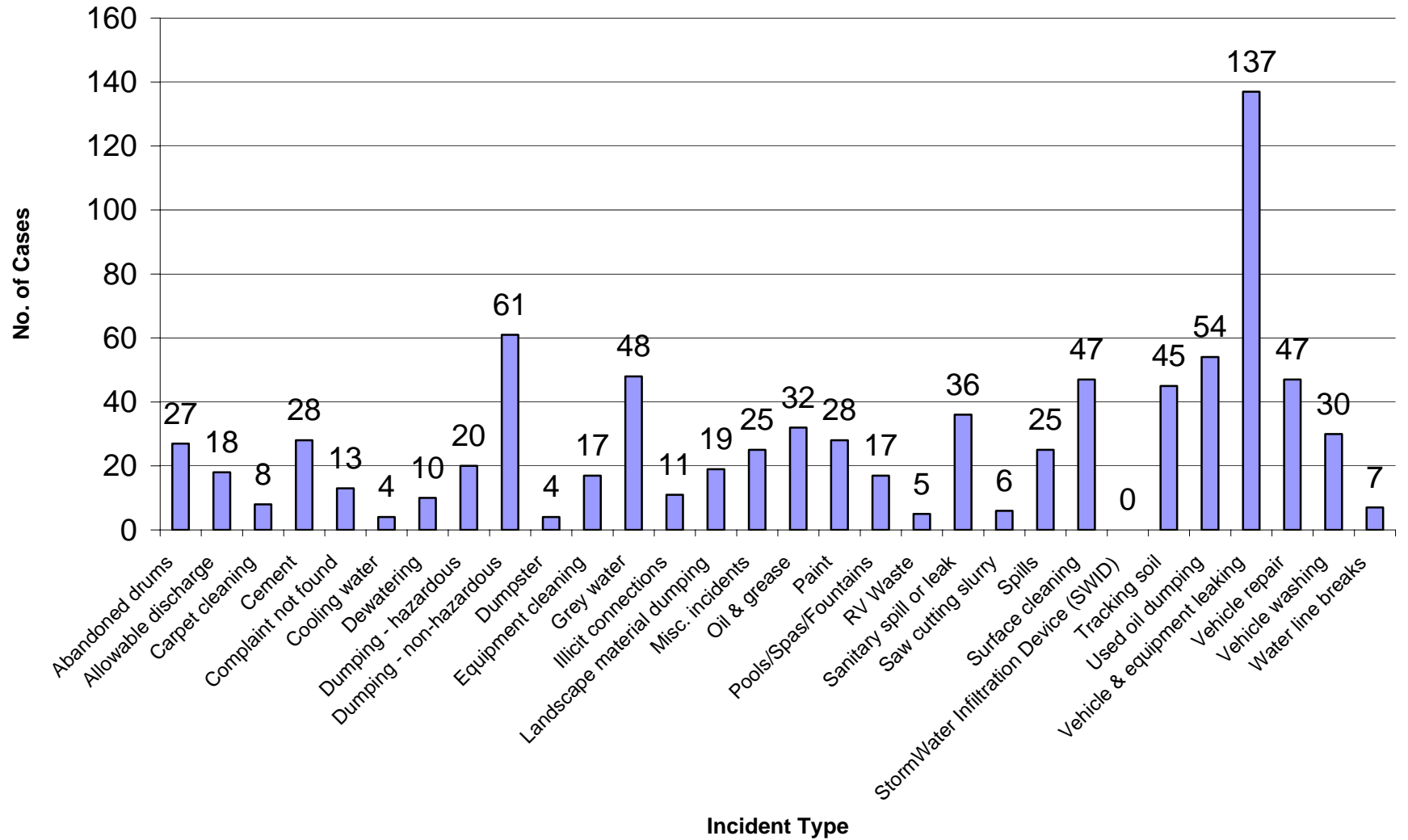
Coyote Creek Trail Cleanup

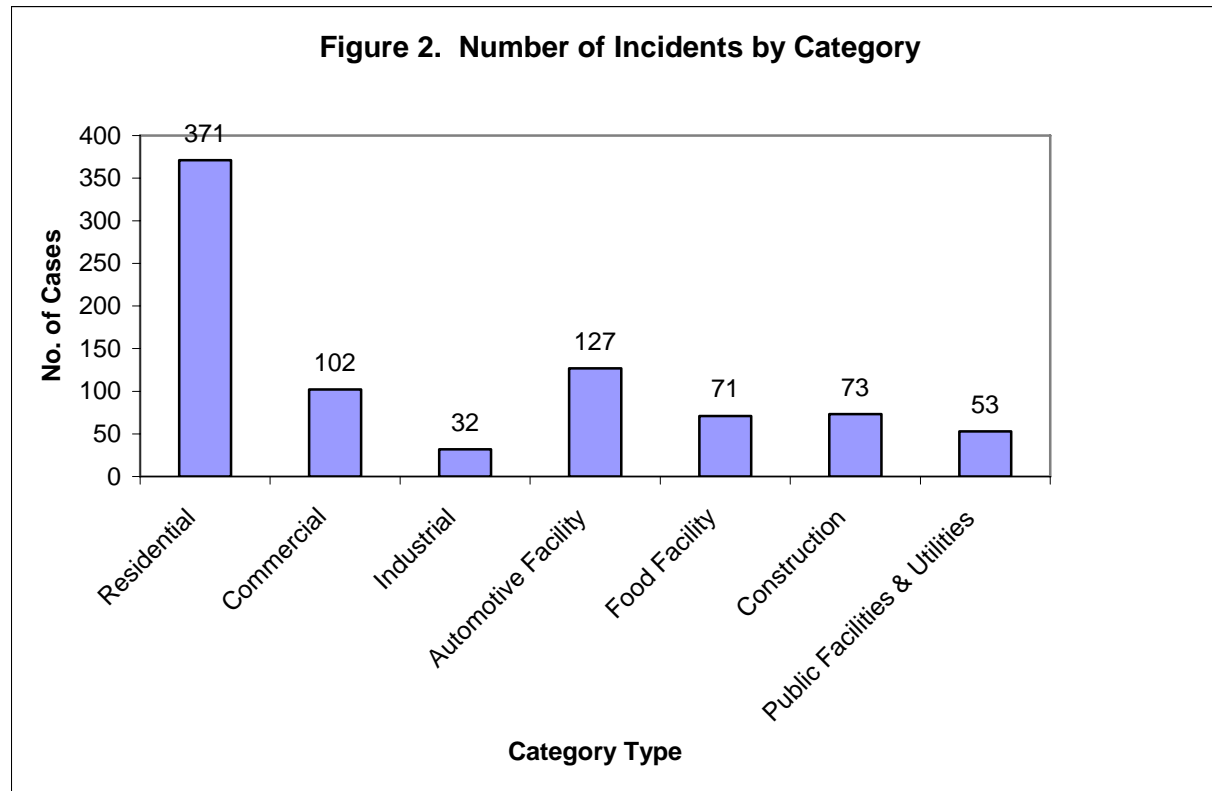
Watershed Enforcement received a concerned citizen complaint regarding trash accumulation and dumping along the Coyote Creek trail, south of Capitol Expressway. Upon investigation, it was found that the problem spanned the entire length of the trail and included several sources, including homeless encampments and large item dumping by vehicles driving onto the creek banks. ESD coordinated with PRNS, DOT and GSA to close breaches in the fences, pick-up trash and eliminate the homeless encampments. An onsite meeting on February 1, 2005, showed that majority of the trash has been eliminated. The complaining party had also been sent information about the City's Adopt-a-Creek program to encourage neighborhood participation in creek and trail maintenance.

Environmental Support for Illegal Drug Lab Cleanup

Watershed Enforcement staff provided support and environmental investigation services related to a suspected methamphetamine laboratory operation in South San José on May 20, 2005. The Santa Clara County Department of Environmental Health requested assistance at the site to investigate and sample for possible illegal dumping of chemicals into the sanitary or storm sewer related to the activities. Staff also answered questions from news reporters related to environmental activities involved with the investigation of the site.

Figure 1. Total 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	4	2	1	20	0	0	0	27
Allowable discharge	5	3	0	1	1	2	6	18
Carpet cleaning	3	3	0	2	0	0	0	8
Cement	16	2	0	2	0	7	1	28
Complaint not found	11	0	0	1	1	0	0	13
Cooling water	1	1	0	0	1	1	0	4
Dewatering	0	2	1	0	0	4	3	10
Dumping - hazardous	8	3	2	1	3	1	2	20
Dumping - non-hazardous	22	7	7	7	2	8	8	61
Dumpster	1	0	0	0	2	0	1	4
Equipment cleaning	3	3	1	6	3	0	1	17
Grey water	20	7	0	4	15	1	1	48
Illicit connections	5	3	2	0	0	0	1	11
Landscape material dumping	13	0	1	0	1	3	1	19
Misc. incidents	12	7	3	0	1	0	2	25
Oil & grease	4	3	0	5	17	0	3	32
Paint	19	3	1	1	0	3	1	28
Pools/Spas/Fountains	13	2	0	2	0	0	0	17
RV Waste	3	2	0	0	0	0	0	5
Sanitary spill or leak	19	4	0	0	5	1	7	36
Saw cutting slurry	1	2	0	0	1	2	0	6
Spills	10	4	1	3	3	1	3	25
Surface cleaning	10	11	1	8	9	7	1	47
StormWater Infiltration Device (SWID)	0	0	0	0	0	0	0	0
Tracking soil	3	4	0	5	0	31	2	45
Used oil dumping	36	4	5	6	2	0	1	54
Vehicle & equipment leaking	91	5	4	35	0	1	1	137
Vehicle repair	28	6	1	11	0	0	1	47
Vehicle washing	9	9	1	7	4	0	0	30
Water line breaks	1	0	0	0	0	0	6	7
Totals	371	102	32	127	71	73	53	829

Workload Summary

Workload	04-05	03-04	02-03	01-02	00-01	Definitions
Total Cases	829	716	925	885	953	Total number of ICID reports received by complainants. Effective FY04-05 this category excludes complaints redirected to other agencies.
Total Investigations	1,359	939	1,926	1,635	1,579	This number is the sum of inspections for complaints/cases filed in the reporting fiscal year. This includes initial and follow up inspections.
Carry over Cases	53	102	87	45	64	The number of cases still open at the end of fiscal year.

Complainant Source Summary

# Cases By Complainant Source	04-05	03-04	02-03	01-02	00-01	Definitions
ICID Inspectors	25	123	243	22	--	Environmental Services Department staff employed in Watershed Protection Division, Environmental Enforcement.
City Staff	281	114	176	163	--	Any employee of the City of San José.
Other Agency	33	19	29	24	--	Any government agency other than the City of San José.
Citizen Complaints	434	359	476	518	--	Any person residing or working in the City of San José.
Other	56	101	1	15	--	Any complainant that is not included in the above source types.
Total	829	716	925	742	--	
How Complainants Heard about Program (PIP)	04-05	03-04	02-03	01-02	00-01	
Storm Drain Stencil	43	43	--	--	--	
City Operator/411	25	21	--	--	--	
Complainant is a City Employee	311	202	--	--	--	
Outside Agency	25	20	--	--	--	
Have filed complaint before	41	50	--	--	--	
N/A	197	211	--	--	--	
Other	187	169	--	--	--	
Total	829	716	--	--	--	

Enforcement Summary

Total Enforcement Actions Taken	04-05	03-04	02-03	01-02	00-01	Definitions
Total BMPS	1,054	1,061	1,726	--	--	Total Number of BMPS Distributed
Verbal Notice	285	173	334	330	--	Verbal warning providing information for corrective actions
Warning Notice	357	234	375	293	368	Written letter providing information for corrective actions (In San José this is an Official Warning Notice.)
Administrative Action	N/A	0	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	12	6	12	9	10	Administrative actions, including fines (In San José this is an Administrative Citation.)
Criminal Action	0	0	0	0	--	Legal actions
Referral for Enforcement	0	0	0	0	--	Refer case to agency with enforcement powers
Referral for other reason	24	1	105	136	--	Refer case to internal or external agency for cleanup, information or jurisdictional reasons.
Cases by #Inspections	04-05	03-04				Definitions
One Inspection	485	530				Number of Cases requiring one total inspection to achieve compliance
Two Inspections	241	160				Number of Cases requiring two total inspections to achieve compliance
Three Inspections	62	17				Number of Cases requiring three total inspections to achieve compliance
Four Inspections	27	2				Number of Cases requiring four total inspections to achieve compliance
Five or More Inspections	14	6				Number of Cases requiring five or more total inspections to achieve compliance
Total	829	716				
Cases by Highest Level of Enforcement Action	04-05	03-04				Definitions
No Enforcement Action	279	83				Cases with no Enforcement Action taken
BMP Distribution	93	129				Cases with BMPs Distributed as the highest Enforcement Action to achieve compliance
Verbal Notice	155	310				Cases with Verbal Notice as the highest Enforcement Action to achieve compliance
Warning Notice	290	190				Cases with Warning Notice as the highest Enforcement Action to achieve compliance
Administrative Citation	12	4				Cases with Administrative Citation as the highest Enforcement Action to achieve compliance
Criminal Action	0	0				Cases with Criminal Action as the highest Enforcement Action to achieve compliance
Total	829	716				

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2. IND: Industrial & Commercial Discharges

2.A IND Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
IND 1	Notice of Intent (NOI) Filers 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. List obtained and incorporated in 7/04.	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. See 2.D IND Summary Tables/Additional Information.	ESD-WE
IND 1.C.	Conduct & document annual inspections of facilities determined to have exposure in accordance with inspection frequency schedule.	Ongoing	Done. See 2.D IND Summary Tables/Additional Information.	ESD-WE
IND 1.D.	Collect information during inspections on the potential for stormwater pollution at industrial and commercial facilities in order to determine the appropriate inspection frequency for the various facilities.	Deleted FY 04-05	Work Plan item deleted FY 04-05; activity is ongoing under IND 1.B.	ESD-WE
IND 1.E.	Conduct & document inspections of facilities that need to file an NOI at least once every five years for facilities determined have exposure in accordance with inspection frequency schedule. Enter inspection information from the inspector facility audit form onto the database.	Ongoing	Done. See 2.D IND Summary Tables/Additional Information.	ESD-WE
IND 1.F.	Collect information during inspections on the potential for stormwater pollution at industrial and commercial facilities in order to determine the appropriate inspection frequency for the various facilities	Deleted FY 04-05	Work Plan item deleted FY 04-05; activity is ongoing under IND 1.E.	ESD-WE
IND 1.G.	Update the database to track the inspection information from the inspector checklist and to include all NOI filer SIC codes required by the Industrial Activities Storm Water General Permit	Ongoing	Done. Originally, the system had the capability to track and report multiple SIC categories for each facility which resulted in a difference between the total number of facilities inspected and the number of IND facilities categorized. In order to remedy this issue, staff defined primary SIC Codes for each facility. Facilities are categorized according to their assigned primary SIC Code and inspected accordingly. This refinement to inspection procedures and the database has successfully eliminated	ESD-WE

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
			duplication.	
IND 2	Non-File Investigations 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 2004: 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 2004: 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.	Ongoing	Done. See 2.D IND Summary Tables/Additional Information.	ESD-WE
IND 2.D.	Conduct & document annual inspections of facilities 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 RWQCB.	Ongoing	Done. See 2.D IND Summary Tables/Additional Information.	ESD-WE
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. Anticipated new completion date: Spring 2006.	ESD-WE
IND 3	City Regulated Facilities 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.			
IND 3.A.	Determine industrial/commercial facilities identified in the IND SOPs	Annually Q1	Done, July 2004: Determined the Inspection schedule for the year based on the IND SOP.	ESD-WE

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
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. See 2.D IND Summary Tables/Additional Information.	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. See 2.D IND Summary Tables/Additional Information.	ESD-WE
IND 3.D.	Conduct and document inspections for which a referral or complaint was received within one year. After the inspections, enter the information from the inspector facility inspection report onto the database.	Ongoing	Done. See 2.D IND Summary Tables/Additional Information.	ESD-WE
IND 3.E.	Develop a database to track the inspection information from the inspector facility inspection report.	Done FY 02-03	Done FY 02-03.	ESD-WE
IND 3.E.1.	Implement new Environmental Enforcement Data Management System.	Done FY 03-04	Done FY 03-04.	
IND 3.F.	Revise 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. 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. Areas of Concern (AOC) determine inspection frequency. AOCs are identified during inspection.	ESD-WE
IND 4	Compliance 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	Ongoing	Done. See 2.D IND Summary Tables/Additional Information.	ESD-WE

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
	are illegal under local ordinances.			
IND 5	Training 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.	Develop training procedures.	Done	Done FY 04-05. A comprehensive training manual was developed for use along with the new database. Inspection procedures will be updated to reflect the use of the new database.	ESD-WE
IND 5.B.	Conduct initial training based on the training procedures for industrial/commercial inspectors.	As Needed	Done. See 12.D: <i>Municipal Employee Training Summary</i> for details.	ESD-WE
IND 5.C.	Provide on-the-job training and other training opportunities such as industrial/commercial inspection workshops.	Ongoing	Done. See 12.D: <i>Municipal Employee Training Summary</i> for details.	ESD-WE
IND 6	Outreach 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 transfer material. Distribute applicable outreach and technology transfer material to industrial/commercial facility operators. Document to the RWQCB that outreach and technology transfer material and/or BMPs have been distributed, as needed, to industrial/commercial facility operators.	Annually Distribution Ongoing	Done. Outreach materials are listed in Appendix A of the City's URMP. See 11.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. Feedback from inspectors is collected during regular staff meetings. Needs are identified and responded to as priorities and budget allow.	ESD-UR
IND 7	NOI Filers Effectiveness Evaluation 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 inspections procedures.	Annually	Done. 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	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

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
IND 7.C.	In the Annual Report document and evaluate what worked well and what needs improvement.	Annually	Done. See 2.D IND Summary Tables/Additional Information.	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 over 3,000 businesses in San José each year.

Business License Outreach

Due to the City's outreach program regarding business licenses, 3,500 new applicable businesses were identified. This constitutes an increase of new businesses by over 300%. In light of this large increase and the desire to keep facility inspections equitable annually and to avoid creating a peak year, inspections for these facilities were distributed over three years. This fiscal year, staff inspected approximately 800 of these new businesses. In FY 05-06, approximately 1,700 are scheduled for inspection and the remainder will be complete in FY 06-07. Although the business outreach effort resulted in very large increase in number of inspections and a growing caseload for inspectors, staff has successfully integrated these additional inspections with the existing workload.

SIC Codes and Database

In 2003, the new Environmental Enforcement Data Management System (EEDMS) was implemented. This system utilizes handheld personal digital assistant (PDAs) for field inspections and data collection. Originally, the system had the capability to track and report multiple SIC categories for each facility which resulted in a difference between the total number of facilities inspected and the number of IND facilities categorized. In order to remedy this issue, staff defined primary SIC Codes for each facility. Facilities are categorized according to their assigned primary SIC Code and inspected accordingly. This refinement to inspection procedures and the database has successfully eliminated duplication.

Food services

FY 04-05 marks the end of 3-year period of food service inspections. All of the food service facilities in San José have been inspected on schedule. This represents over 3,000 additional businesses that were inspected on time and on schedule. The first year of the program represented a large learning curve for food service operators in the City; however, by the end of the third year, most food service facilities inspected had a general awareness of stormwater issues related to their business type. Staff credits this awareness to successful outreach efforts to the industry.

Over the course of the past three years, staff found that housekeeping measures were generally well done. This could be largely in part due to frequent Health Department inspections and regulations. The major issue related to food service inspections was, not surprisingly, fats, oils and grease (FOG). As a result, staff has developed a toolkit for inspectors for food facilities which includes outreach materials on fats, oils and grease and grease management. Additionally, senior staff is refining the restaurant inspection to incorporate requirements of a sanitary sewer management plan (SSMP) and a FOG Program. A number of inspectors attended training specifically related to FOG.

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	04-05	03-04	02-03	01-02	00-01	DESCRIPTION OF ITEM
Facilities Subject to Inspection in database	6,164	4,991	3,943	3,924	3,031	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	3,020	3,022	2,500	1,743	2,501	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	3,029	2,872	2,210	1,720	2,172	All facilities subject to inspection that were inspected. Also described as number of cases.
Other City Regulated Facilities	51	26	30	43	63	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	3,237	3,144	3,132	2,500	884	All facilities subject to inspection for the following fiscal year.

STATUS OF GIASP IMPLEMENTATION	04-05	03-04	02-03	01-02	00-01	DESCRIPTION OF ITEM
Board Referrals						
New NOI Filers	4	20	9	260	665	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	4	17	9	N/A	N/A	Of the Facilities referred to the City by the Water Board, the number inspected during the fiscal year.
Inspections						
Potential NOI Facilities	746	521	544	N/A	N/A	Of the Facilities scheduled for inspection during the fiscal year, the number that may be subject to GIASP provisions
Have Filed	96	126	110	N/A	N/A	Of the Facilities inspected, the number that have filed.
SWPPP or SWMP on-site	87	149	108	N/A	N/A	Per IND 1B and IND 2C, the number of facilities having a SWPPP or SWMP on-site
Need to File	90	26	122	98	144	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 Permit Required)	560	279	164	465	665	All facilities that were determined to need an inspection per the GIASP with findings of no permit required.
Closed/Moved Facilities	248	521	447	N/A	N/A	NOI facilities no longer in operation.

Enforcement Actions Summary

TOTAL ENFORCEMENT ACTIONS TAKEN	04-05	03-04	02-03	01-02	00-01	DESCRIPTION OF ITEM
AOCs	2,591	2,624	1,790	1,069	701	Area of concern with a compliance date and any enforcement action activity.
BMPs Distributed	6,890	5,796	4,267	1,878	2,154	Number of BMPs issued as part of Enforcement.
Verbal Warning	1,280	1,927	753	N/A	N/A	Verbal warning providing information for corrective actions. An inspection report accompanies each verbal warning.
Official Warning Notice	384	162	77	N/A	N/A	Written letter providing information for corrective actions.
Administrative Action with Penalty &/or Fine	15	3	3	N/A	N/A	Administrative actions, including fines (In San José this is an Administrative Citation.)
Criminal Action	0	0	0	N/A	N/A	Legal actions
Referral for Enforcement	0	0	0	N/A	N/A	Refer case to agency with enforcement powers.
Referral for other reason	0	0	4	N/A	N/A	Refer case to internal or external agency for cleanup, information or jurisdictional reasons.

HIGHEST ENFORCEMENT ACTION TAKEN	04-05	03-04	DESCRIPTION OF ITEM
No Enforcement Action	780	835	Cases with no Enforcement Action taken
BMPs Distributed	939	850	Cases with BMPs Distributed as the highest Enforcement Action to achieve compliance
Verbal Warning	1,045	1,064	Cases with Verbal Notice as the highest Enforcement Action to achieve compliance
Warning Notice	255	120	Cases with Warning Notice as the highest Enforcement Action to achieve compliance
Administrative Citation	10	3	Cases with Administrative Citation as the highest Enforcement Action to achieve compliance
Criminal Action	0	0	Cases with Criminal Action as the highest Enforcement Action to achieve compliance
Total	3,029	2,872	All facilities subject to inspection that were inspected. Also described as number of cases.

INSPECTIONS REQ'D FOR COMPLIANCE	04-05	03-04	DESCRIPTION OF ITEM
One Inspection	2,132	2,057	Number of Cases requiring one inspection to achieve compliance
Two Inspections	675	535	Number of Cases requiring two inspections to achieve compliance
Three Inspections	162	158	Number of Cases requiring three inspections to achieve compliance
Four Inspections	45	59	Number of Cases requiring four inspections to achieve compliance
Five Inspections or More	15	63	Number of Cases requiring five inspections or more to achieve compliance
No Inspections	0	0	Number of Cases requiring zero inspections (These are duplicates and facilities determined to be non-existent by Business List and phone calls)
Total	3,029	2,872	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	488	497
2	Food Service	Eating and drinking establishments, including cafeterias, delis, bakeries, mobile food	1,590	1,573
3	Paint Facilities	Manufacturing and retailing	1	1
4	Dry Cleaners	Dry cleaners	52	56
5	Cleaning Services	Mobile washers, building cleaning, carpet cleaning	4	5
6	Pesticide Facilities	Manufacturing and retailing; pesticide applicators	3	3
7	Machine Shops	Industrial machinery and equipment	99	100
8	Metal Manufacturing	Metal fabricating, finishing, plating, metal work (40 CFR 413, 433)	59	59
9	Electric/Electrical Components	Manufacturing (40 CFR 469)	96	95
10	Construction/ Building	Retail, trade contractors, construction, landscape and garden businesses	9	9
11	Local Transit; Highway Transport	Electric, Gas and Sanitary Services, Trucking Industries	194	193
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.	21	21
13	Auto Dismantlers	Dismantling motor vehicles for the purpose of selling parts.	4	3
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.	118	120
15	Corporation Yards	PG&E, Caltrans, School bus, VTA, Municipal	0	0
16	Landfills	Dumps; Garbage collecting, destroying and processing; Landfill; Rubbish collection and disposal.	10	10
17	Wood Furniture & Other Products	Manufacturing finished articles made entirely or mainly of wood or related materials.	18	17
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)	6	6
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	127	128
20	Other	Other includes: Air Conditioning Services, 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, and Underground Storage Tanks and unspecified SIC Code.	122	133
TOTAL			3,020	3,029

Companies Requiring NOI Based on SIC But Have Not Filed

Facility Number	SIC	Business Name	St Num	Dir	Street Name	Type	Bldg
1218	4959	Acme & Sons Sanitation, Inc.	1880	S	7TH	St	
9076	3281	MARBLE CREATIONS	1781		JUNCTION	Ave	
11825	3281	HV GRANITE & MARBLE COMPANY	146		GOBLE	Ln	
11977	3315	SECURITY CONTRACTORS SERVICES	170	N	28TH	St	
11996	2499	VIKING DOOR CO	1060	S	5TH	St	
12063	2441	TRANS-PAK INC	520		MARBURG	Way	
12281	4953	SILVER SPURS HAULING SVCS	719		HIGH GLEN	Dr	
12305	3281	The BARRAGANS	1761		JUNCTION	Ave	
12536	2400	BAY AREA LUMBER INC	50		UMBARGER	Rd	
12665	3269	SOUTH BAY MATERIALS	1781		ANGELA	St	
12671	5093	METALS WEST	1436		STATE	St	
12733	2952	METACRYLICS	142	N	27TH	St	
12794	5093	CITY METALS RECYCLING	11665		BERRYESSA	Rd	
13652	4950	DANEL HAULING & CLEANING	792		DELAWARE	Ave	
14561	2400	AMBERWOOD PRODUCTS	1555	S	7TH	St	
14561	2400	AMBERWOOD PRODUCTS	1555	S	7TH	St	
14655	3211	J T RENCHARD STUDIO POTTER	14271		WYRICK	Ave	
14944	4950	TWENTY/TWENTY RECYCLE CENTER	1771	E	CAPITOL	Expy	
15167	5093	BAY VALLEY ENVIRONMENTAL	1475		CHAVEZ	Way	
15436	5093	TOYOTA TRUCK & 4X4 DISMANTLE	991		BERRYESSA	Rd	
15608	5093	DELEON, FELIX TOWING	1749	S	10TH	St	
15869	3200	FIRE CLAY TILE	495	W	JULIAN	St	
16422	3272	DIAMOND STONE PRODUCTS	1625	S	SEVENTH	St	
17156	4955	J S HAULING	479		WASKOW	Dr	

Companies Requiring NOI Based on Exposure But Have Not Filed

Facility Number	SIC	Business Name	St Num	Dir	Street Name	Type	Bldg
307	3672	Dynamic Details, Inc	1831		TAROB	Ct	
840	4111	Santa Clara County Trans. Agency 7th	2240	S	7TH	St	
907	3471	Superior Metal Finishers	414		UMBARGER	Rd	A
967	2653	Golden Bear Packaging, Inc.	740	N	10TH	St	

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Facility Number	SIC	Business Name	St Num	Dir	Street Name	Type	Bldg
1039	3672	United Plating	810		PARK	Ave	
1159	3471	Triad Tool And Engineering, Inc.	1750		ROGERS	Ave	
1178	3600	General Electric Company	175		CURTNER	Ave	
1281	4500	Federal Express Corporation RHVA	710		DADO	Ave	
1298	3674	OSRAM Opto Semiconductors, Inc.	3870	N	FIRST	St	
1346	3499	Johnson Matthey, Inc	1070		COMMERCIAL	St	
9017	3400	VULCAN FORGE & MACHINE	1789		SMITH	Ave	
9039	4213	RICHEY HALL US ARMY RESERVE CENTER	155	W	HEDDING	St	
9712	4214	SAN JOSE FRUIT BAR INC	1148	E	SAN ANTONIO	St	
10550	4214	S C CO OFFICE OF EDUCATION-HEA	1279		ALMA	Ct	
11785	4226	EQUILON	2165		OTOOLE	Ave	
12133	3499	APPLIED ENGINEERING	970		LONUS	St	
12135	3589	ROSS COOK INC	1551		LAS PLUMAS	Ave	
12444	2851	SHERWIN-WILLIAMS CO	1815		JUNCTION	Ave	
12458	3400	SUPERIOR METALS INC	838		JURY	Ct	
12524	3443	ITT	595	W	TAYLOR	St	
12616	4212	NEVIL STORAGE	1895	S	10TH	St	
12707	3599	Metron Technology	4425		FORTRAN	Ct	
12738	4225	SAN JOSE DISTRIB SVCS/ZONE #18	2055	S	7TH	St	
12757	4119	INTER-CAL TRANSPORT	752	N	10TH	St	
12758	4119	SAND TRANSPORTATION SERVICE	1095		ROCK	Ave	
12871	4119	AFFAIRS AND ELEGENCE	920		PARK	Ave	
12957	3400	METRO STEEL FAB	701		KINGS ROW		
13061	4225	COYOTE STORAGE	611		BLANCHARD	Rd	
13328	4212	U-HAUL	2395		OAKLAND	Rd	
13681	4212	DIVERSIFIED RECLAMATION	1615	S	7TH	St	
13713	3540	THANN'S AUTO REPAIR	1571		MONTEREY	Hwy	
12738	4225	SAN JOSE DISTRIB SVCS/ZONE #18	2055	S	7TH	St	
12757	4119	INTER-CAL TRANSPORT	752	N	10TH	St	
12758	4119	SAND TRANSPORTATION SERVICE	1095		ROCK	Ave	
12871	4119	AFFAIRS AND ELEGENCE	920		PARK	Ave	
12957	3400	METRO STEEL FAB	701		KINGS ROW		
13061	4225	COYOTE STORAGE	611		BLANCHARD	Rd	
13328	4212	U-HAUL	2395		OAKLAND	Rd	
13681	4212	DIVERSIFIED RECLAMATION	1615	S	7TH	St	
13713	3540	THANN'S AUTO REPAIR	1571		MONTEREY	Hwy	

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Facility Number	SIC	Business Name	St Num	Dir	Street Name	Type	Bldg
13945	2099	KELLOGGS	475		EGGO	Way	
13989	4212	ACE RELOCATION SYSTEMS	675		QUINN	Ave	
14282	4212	EL GATO TRUCKING	298		AZUCAR	Ave	
14442	4212	FORBES TRANSPORT	715		GLENBURY	Way	
14619	4214	South Bay Beverage	630		QUINN	Ave	
14621	4212	FOX, M E & CO INC.	128		COMPONENT	Dr	
14673	4212	U-HAUL COMPANY	1027		THE ALAMEDA		
15189	3400	ALLEN JAC CORP	1190	N	13TH	St	
15350	4212	BAY AREA TRUCK SERVICES	757		COMMERCIAL	St	
15499	4142	FRONTIER TOURS	372		PHELAN	Ave	
15670	3540	LORD & SONS	1085	N	7TH	St	
15993	3400	BORCH'S IRON WORKS	20	S	AUTUMN	St	
16047	3449	ABS MANUFACTURERS	519		HORNING	St	
16171	3469	DUUS PERFORATING	242		PHELAN	Ave	
16181	3999	ROBECK'S WELDING & FABRICAT	1150		MABURY	Rd	
16183	3400	F & F STEEL & STAIRWAY	1775		MONTEREY	Rd	
16712	3540	DUKES PRECISION MACHINING	691		QUINN	Ave	
16879	3999	REACTION TECHNOLOGY, INC	2236		CONCOURSE	Dr	
17080	4212	HB TRUCKING INC	185	E	HUMBOLT	St	
17119	3540	OMNITECH PRECISION	630		UNIVERSITY	Ave	
29103	4212	AY TRANSPORT INC	125		COMPONENT	Dr	
29180	4212	ALL MACHINERY MOVING/RIGGING	135		LEWIS	Rd	A
29537	4212	SILVA TRUCKING	10120		CLAYTON	Rd	
29632	4212	MONT/ROSE MOVING SYSTEMS INC	1585		MABURY	Rd	A

3. MON: Monitoring

3.A MON Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
PCB	PCB Control Program			
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. As a follow-up to information gained during the Joint Stormwater Agencies Study on Mercury and PCBs, cleanup activities were conducted at the Leo Avenue location in San José in June 2005.	ESD-WE, Program
Dioxin	Dioxin-like Compound Control Program			
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
MON 1	Industrial Storm Water Monitoring Pilot Program			
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

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ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
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 per task C.	Done 8/97	Done, prior to FY 01-02.	ESD
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.H1	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.H2	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.H3	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.H4	Identify industrial facilities for focused BMP Development.	7/02 Done	Done FY 01-02.	ESD
MON 1.H5	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
MON 3	First Flush Monitoring Program			
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

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
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
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

3.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.

3.C MON Response to Water Board Comments

No comments received from Water Board on this Program Element.

3.D MON Summary Tables / Additional Information

No tables or additional information.

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4. NDC: New and Redevelopment

4.A NDC Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
NDC 1	Legal Authority The City of San José has and will continue to evaluate the adequacy of its legal authority to implement new development control measures as it considers modifications to its development plan review and approval procedures.		Done. The City currently has adequate legal authority to implement new development control measures. City Council approved revisions to the Council Policy on Post Construction Urban Runoff Management on February 15, 2005 and May 17, 2005. See 4.B NDC Program Evaluation for details.	PBCE, ESD, PW, RDA
NDC 2	Guidance to Developers The development community is provided with guidance on post construction measures as early in the application process as possible.			
NDC 2.A.	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. In FY 04-05 the Guidance Manual on Selection of Stormwater Quality Control Measures was updated to include the revised Council Policy on Post Construction Urban Runoff Management. City staff intends to revise the Manual further to include Hydromodification Management Plan requirements.	PBCE, ESD, PW, RDA
NDC 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. Revised information is provided by 1) printed status bulletin information sheets distributed by e-mail to the development community and as handouts at public information counter and at developer roundtables; 2) webpage updates; 3) and inviting the development community to attend Program workshops and City sponsored Developers' Roundtables; 4) biweekly meetings with the engineering consulting	PBCE, ESD, PW, RDA

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
			community. See 11.D PIP Activities.	
NDC 2.B.1	Coordinate with development community on proposed hydraulic sizing criteria for structural stormwater treatment measures and any proposed revisions to Guidance Manual and policy through workshops and regular meetings.	Done FY 02-03	Done FY 02-03. See NDC 2.A. and 2.B. above.	PBCE, ESD, PW, RDA
NDC 2.B.2	Develop guidance material regarding maintenance responsibilities for any adopted structural stormwater treatment measures requirements.	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA, Program
NDC 3	CEQA Requirements Environmental documents required for those projects that fall under CEQA or NEPA review, such as EIRs, negative declarations, and initial study checklists, will address: 1) Stormwater quality impacts for land development during construction and after construction has been completed (both significant and cumulative); 2) Required permits, and 3) Specific mitigation measures related to stormwater quality.			
NDC 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. The City uses the existing Office of Public Research initial study checklist questions. Separate guidance text developed in coordination with the Program for addressing water quality impacts and identification of mitigation measures is posted on the website.	PBCE, ESD, PW, RDA
NDC 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 NDC 3.A.	PBCE, ESD, PW, RDA
NDC 3.A.2	Implement any necessary revisions to water quality questions and procedures, if needed.	Done FY 02-03	Done FY 02-03. See NDC 3.A.	PBCE, ESD, PW, RDA
NDC 3.B.	Report on revisions made to environmental review process.	Done FY 02-03	Done FY 02-03. See NDC 3.A.	PBCE, ESD, PW, RDA
NDC 4	Project Mitigation Measures and Provision. C.3. design requirements implementation Developers of projects with significant stormwater pollution potential will be required by the City of San José to mitigate stormwater quality impacts to the maximum extent practicable, through proper site planning and design techniques and/or addition of permanent stormwater quality control measures.			
NDC 4.A.	Propose revisions to current Policy on Post-Construction Urban Runoff Management as necessary to incorporate hydraulic sizing design criteria.	Done FY 03-04	Done FY 03-04. In FY 04-05, the policy was further revised on 02/15/05 and 05/17/05. See 4.B NDC Program Evaluation for details.	PBCE, ESD, PW, RDA, CAO
NDC 4.A.1	Revise policy as needed for Group 2 & HMP implementation.	Done FY 04-05	Done FY 04-05. The Policy was revised on February 15, 2005 to expand Group One implementation of hydraulic sizing requirements. The Policy was further revised on May 17, 2005 to incorporate hydraulic sizing criteria for Group Two projects. See 4.B NDC Program Evaluation for details.	PBCE, ESD, PW, RDA, CAO
NDC 4.B.	Review and modify development permit approval procedures as necessary for adopted revisions.	Done FY 03-04	Done FY 03-04. In FY 04-05 development procedures were further modified to require a Stormwater Control Plan	PBCE, ESD, PW, RDA

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			with each permit application. The Plan consolidates grading, drainage and landscape elements to provide a comprehensive picture of how stormwater is treated on site. Also, Public Works development review memos specify hydraulic sizing requirements in addition to a stormwater memo by Planning. See 4.B NDC Program Evaluation for details.	
NDC 4.B.1	Develop criteria & checklist to aid Department of Planning, Building & Code Enforcement & Department of Public Works planners & engineers in determining whether a development project should be required to incorporate post-construction treatment control measures & their related operation and maintenance requirements.	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA
NDC 4.B.2	Draft 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.	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA
NDC 4.B.3	Draft standard conditions of approval as necessary to ensure proper maintenance of structural stormwater treatment measures. (Provision C.3.e.)	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA
NDC 4.B.4	Refine and modify development approval procedures as needed to accommodate HMP and Group 2 implementation.	Done FY 04-05	Done FY04-05. Policy 6-29 was updated on February 15, 2005 to expand Group One implementation and on May 17, 2005 to address phased Group Two implementation of hydraulic sizing requirements. Stormwater control plans are required for Group One and Group Two projects and Public Works memos comment on hydraulic sizing. Development procedures will be modified to reflect HMP requirements in FY 05-06. See 4.B NDC Program Evaluation for details.	PBCE, ESD, PW, RDA
NDC 4.C.	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. Approval procedures are implemented in accordance with Policy 6-29. See NDC 4.B.	PBCE, ESD, PW, RDA
NDC 4.D.	Collect data on the projects for enhanced annual reporting. Produce a list of projects and data tracked for the last two years and provide to SCVURPPP for analysis. (Provision C.3.c.)	Annually	Done. Data is compiled for San José's Annual Report. See Section 4.D: <i>Significant Development Projects Reviewed and/or Approved During July 1, 2004 – June 30, 2005.</i>	PBCE, ESD, PW, RDA
NDC 4.E.	Draft post-construction treatment BMP certification procedures. (Provision C.3.h)	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA
NDC 4.E.1	Evaluate implementing an alternative certification	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW,

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	program and develop one if deemed necessary. (Provision C.3.h.)			RDA
NDC 4.G.	First report to City Council on Alternatives Program. (Provision C.3.g.)	Done FY 03-04	The City incorporated an Alternatives Program in its Post Construction Urban Runoff Pollution Prevention Policy, which City Council approved on 10/7/03.	PBCE, ESD, PW, RDA
NDC 4.H.	Develop 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
NDC 4.H.1	Compile a list of new development and redevelopment projects by name, type of project, site acreage, 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 and ongoing. See Section 4.D: <i>Significant Development Projects Reviewed and/or Approved During July 1, 2004 – June 30, 2005.</i>	PBCE, ESD, PW, RDA
NDC 4.H.2	Track name and location of projects in the Alternatives 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.	Annually	Done. Implementation continues in accordance with Council Policy. In FY 04-05, no projects were approved under the Alternatives Program.	PBCE, ESD, PW, RDA
NDC 4.I.	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.)	Ongoing as Needed	Done FY 04-05 and ongoing as needed. City staff continued to participate on the Program's Hydromodification Management Plan work group and the Final Report was submitted to the Water Board in April 2005.	PBCE, ESD, PW, RDA
NDC 4.J.	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. Such revisions are listed in Provision C.3.j.	Done FY 03-04	Done FY 03-04. In FY04-05, planning staff continues to update and expand the design guidance information provided on its stormwater management web page. Project status letters that Planning staff provides to applicants refer to the guidance presented on the web page as a basis for project specific design comments and requests for design revisions. Staff is continuing to research and explore alternative design standards and methods that improve water quality and reduce erosion. See 4.B NDC Program Evaluation for details.	PBCE, ESD, PW, RDA
NDC 4.J.1	Identify and document existing site design standards	Done FY 03-04	Done FY 03-04.	PBCE, ESD, PW, RDA

NDC: New and Redevelopment

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
	and guidance documents and policies.			
NDC 4.J.2	Compile a Report on Site Design Measures and Revised Standards: Identify areas where new or additional site design measures are needed and propose timeline for revision.	Done FY 03-04	Done FY 03-04.	PBCE, ESD, PW, RDA
NDC 4.J.3	Revise Site Design Measures and Standards, if necessary.	Done FY 03-04	Done FY 03-04. In FY 04-05, the Post-Construction Urban Runoff Management Policy (approved on October 7, 2003) was <u>further</u> revised on February 15, 2005 and May 17, 2005. The policy includes minimum BMPs to be incorporated in projects. City staff continues to work with the engineering community and consultants to explore street right-of-way widths and alternatives to curb and gutter requirements. Treatment BMPs and long-term maintenance solutions are also being discussed. See 4.B NDC Program Evaluation for details. Staff participated in the Water Resources Protection Collaborative workgroup and developed siting and site design standards for projects in proximity to streams and creeks. Stormwater and erosion protection requirements were also considered. Some of these standards can also be applicable to sites elsewhere in the City.	PBCE, ESD, PW, RDA
NDC 4.K.	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
NDC 4.K.1	Identify and document existing source control measures, guidance documents, and conditions of approval.	Done FY 02-03	Done FY 02-03 in coordination with the Program and the WMI-LUS.	PBCE, ESD, PW, RDA
NDC 4.K.2	Compile a Report on Existing Source Control Measures: Identify areas where new or additional source control measures are needed and propose timeline for revision of conditions of approval and guidance.	Done FY 02-03	Done FY 02-03 in coordination with the Program.	PBCE, ESD, PW, RDA
NDC 4.K.3	Revise conditions of approval and guidance, if needed.	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA
NDC 4.L.	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.)	FY 02-03	Done FY 03-04. In FY 04-05, the Floor Area Ratio for development in North San José adjacent to the Guadalupe River and Guadalupe Transit corridor was increased to allow higher densities and Smart Growth development. Residential uses and pedestrian oriented design are	PBCE

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ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
			strongly encouraged in this area.	
NDC 4.L.1	Identify and document existing General Plan principles and policies. Compile a Report on Existing General Plan principles and policies.	FY 02-03	Done FY 02-03.	PBCE
NDC 4.L.2	Identify areas where new or additional General Plan principles or policies are needed and propose timeline for revision, if needed.	FY 02-03	Done FY 02-03.	PBCE
NDC 4.L.3	Make revisions to General Plan principles and policies, if needed, per work plan.	FY 02-03	Done FY 02-03. See NDC 4.L.	PBCE
NDC 4.M.	Develop & 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
NDC 4.M.1	Based on City's Pesticide Management Plan, establish criteria for tracking percentage of new development projects for which pesticide reduction measures were required & begin tracking. (Provision C.3.n. & C.9.d.ii)	Done FY 03-04 Implementation Ongoing	Done FY 03-04.	PBCE, ESD, PW, RDA
NDC 5	Developer Conformance with State Requirements Developers of projects that disturb a land area of one acre or more are required by the City to demonstrate conformance with the State General Construction Activity Storm Water Permit including filing of NOI, development of a SWPPP, et al.			
NDC 5.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 Storm Water Permit.	Done FY 02-03	Done FY 02-03.	PBCE, PW, RDA
NDC 5.B.	Track the projects that contained above condition of approval.	Annual Report	Done FY 02-03 and ongoing.	PBCE, PW, RDA
NDC 5.C.	Review, evaluate, and modify, as necessary, existing Planning procedures & conditions of approval to incorporate change in applicable land area to one acre or more starting 01/03.	Done FY 02-03	Done FY 02-03.	PBCE
NDC 6	Developer Erosion Control Plans 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.			
NDC 6.A.	Include as a condition of approval for applicable projects a requirement to prepare and implement an erosion and sediment control plan.	FY 02-03	Done FY 02-03 and ongoing.	PBCE, PW, RDA

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
NDC 6.B.	Track the projects that contained above condition of approval.	FY 02-03	Done FY 02-03 and ongoing.	PBCE, PW, RDA
NDC 7	Operation and Maintenance for Structural Storm Water Controls 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.			
NDC 7.A.	Work with SCVURPPP to develop guidance for implementing O&M Program.	Done FY 02-03	Done FY 02-03.	PBCE, ESD, PW, RDA
NDC 7.B.	Draft policy and procedures for an operation and maintenance verification program.	Done FY 02-03	Done FY 02-03. See 4.C NDC Response to Water Board Comments for details and 4.D: <i>SOP for BMP O&M Verification Program.</i>	PBCE, ESD, PW, RDA
NDC 7.C.	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. See 4.C NDC Response to Water Board Comments for details and 4.D: <i>SOP for BMP O&M Verification Program.</i>	PBCE, ESD, PW, RDA
NDC 7.D.	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
NDC 7.D.1	Develop model permit conditions with 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
NDC 7.D.2	In-ground BMPs	Done FY 02-03	Done FY 02-03 in coordination with the Program.	PBCE, ESD, PW, RDA
NDC 7.D.3	Landscape and all others	Done FY 03-04	Done FY 03-04 in coordination with the Program.	PBCE, ESD, PW, RDA
NDC 7.D.4	Compile a list of projects & responsible operators subject to C.3.e. provision.	FY 03-04 Annually thereafter	Done FY 03-04.	PBCE, ESD, PW, RDA
NDC 7.E.	Track and compile a list of priority properties inspected and inspection results. (Provision C.3.e.iii.)	Ongoing	Implemented with Group 1 Projects after October 15, 2003 and with Group 2 Projects after May 17, 2005 in accordance with Council Policy 6-29.	PBCE, ESD, PW, RDA
NDC 7.E.1	Revise criteria for setting priorities for inspection of structural stormwater treatment measures & inspection frequency.	Done FY 03-04	Done FY 03-04. Participated with Program criteria development. San José places its emphasis on maintenance verification as part of City's routine enforcement efforts. See 4.C NDC Response to Water Board Comments for details.	PBCE, ESD, PW, RDA
NDC 7.E.2	Revise local inspection program for verification of proper O & M.	Done FY 03-04	Done FY 03-04. Existing enforcement programs were revised and augmented to include verification of proper O&M. Until approved funding can be identified, maintenance verification will be done as part of the City's routine enforcement efforts. See 4.C NDC Response to Water Board Comments for details.	PBCE, ESD, PW, RDA

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
NDC 8	Applicability to Public Projects The City of San José will include stormwater quality control measures during and after construction, appropriate for each municipal capital improvement project, and that contractors comply with stormwater quality control requirements during construction activities.			
NDC 8.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	In FY 04-05, the City dedicated one half of a full-time position to provide in-house consultation on BMPs for public projects and to conduct small group training on the design of stormwater controls (See NDC 9.A.).	PBCE, ESD, PW, RDA
NDC 8.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, & 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. San José staff has participated and continues to participate in all Program work groups.	PBCE, ESD, PW, RDA
NDC 8.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
NDC 8.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. Procedures will be revised further as necessary to incorporate hydromodification controls.	PBCE, ESD, PW, RDA
NDC 8.B.	Review, evaluate, and modify the procedures, as necessary.	Done FY 03-04	Done FY 03-04 and ongoing. In coordination with the Program, planning procedures have been further modified to ensure selection, installation, and maintenance of appropriate BMPs. Procedures will be further revised as necessary to incorporate hydromodification controls.	PBCE, ESD, PW, RDA
NDC 8.C.	Begin tracking required data on the public projects subject to Provision C.3. hydraulic sizing criteria requirements for Annual Report.	Done FY 03-04	Done FY 03-04. Began tracking required data after 10/15/03 with implementation of Group 1 Projects and after 05/17/05 for Group 2 Projects in conformance with Council policy.	PBCE, PW, RDA
NDC 8.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.	Ongoing	Ongoing. The City approved a policy in 2001 which requires new City buildings over 10,000 square feet in size to be designed to the LEED certified rating. ESD has a dedicated LEED certified staff person who reviews public projects and advises City staff on Green Building materials and techniques, including discouraging architectural use of copper.	PBCE, ESD, PW, RDA
NDC 9	City Staff Training Key City staff is trained on planning procedures, policies, design guidelines, and BMPs for stormwater pollution prevention annually.			

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
NDC 9.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	Done. The City added a senior engineering position to provide in-house consultation on BMPs and to conduct small group training in the design of stormwater controls. See 12.D: <i>Municipal Employee Training Summary</i> and 4.B NDC Program Evaluation for details.	PBCE, ESD, PW, RDA
NDC 9.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	Done. See 12.D: <i>Municipal Employee Training Summary</i> and 4.B NDC Program Evaluation for details.	PBCE, ESD, PW, RDA, DOT
NDC 9.C.	Revise the training protocol to incorporate any newly adopted Provision C.3. permit requirements and related revised procedures.	As needed	Done FY 03-04 and ongoing in coordination with the Program.	PBCE, ESD, PW, RDA
NDC 9.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	Done and ongoing in coordination with the Program. See 12.D: <i>Municipal Employee Training Summary</i> for details.	PBCE, ESD, PW, RDA
NDC 10	Development Plan Review and Approval Procedures Effectiveness Evaluation The City of San José will review and evaluate the effectiveness of its development plan review and approval procedures.			
NDC 10.A.	Evaluate and incorporate any needed improvements in review and approval process.	Annually	Done. See 4.B NDC Program Evaluation.	PBCE, ESD, PW, RDA
NDC 10.B.	Document and evaluate what worked well and what needs improvement.	Annually	Done. See 4.B NDC Program Evaluation.	PBCE, ESD, PW, RDA

4.B NDC Program Evaluation

The City has made significant strides in implementing the New and Redevelopment program element. Accomplishments in 2004-2005 include revisions to expand implementation through Policy 6-29, the addition of a Stormwater Control Plan in the development permit plan set, robust training of City staff, and frequent interaction with the development community in order to successfully implement stormwater treatment control measure hydraulic sizing requirements. Site design and source control techniques also continue to be important tools for reducing stormwater impacts. Key program components are described in more detail below.

Policy 6-29 Revisions and Group 2 Implementation

Policy 6-29 (entitled “Post Construction Urban Runoff Management”), the City’s primary implementation tool of stormwater requirements, was updated twice this fiscal year. Collectively, the policy revisions expand and intensify implementation of control measures in an effort to further enhance and protect water quality. On February 15, 2005, Policy 6-29 was significantly revised. The policy was completely reorganized to emphasize the applicability of stormwater BMPs to all projects regardless of size. The requirements for hydraulically sized treatment control measures was expanded to all Group 1 projects. Additionally, the revisions refined the criteria and reduced the scope of projects eligible for alternative compliance methods.

On May 17, 2005, the policy was again revised to address Group 2 requirements consistent with the Program’s proposal for an alternative Group 2 proposal. After discussions with Water Board staff, the final policy included the expansion of the requirement for hydraulically sized treatment control measures to also include projects that create or replace 10,000 square feet or more of impervious surface if they are defined as Land Uses of Concern. Land Uses of Concern are identified as those uses that have significant potential to contribute pollutants; they include gas stations, auto wrecking yards, loading docks and surface parking lots. This implementation approach

was later codified by the Water Board in a July 20, 2005 amendment to the permit. Implementation of what is now termed Group 2A began on May 17, 2005, five months earlier than the required October 20, 2005 implementation date.

Stormwater Control Plan

In February 2005, a Stormwater Control Plan (SCP) was added to the list of required plans in development permit applications. This represents a significant change to the development review process. The SCP consolidates relevant stormwater information and includes numeric sizing calculations on one plan set sheet. The SCP is submitted in addition to the Stormwater Data Sheet which accompanies each permit application.

The SCP is expected to lead to improved data collection. Previously data was collected from approved permits, the Stormwater Data Sheet, the Site Plan, the Grading and Drainage Plan, and the Landscape Plan. It was very time-consuming for staff to look at all these sources. The SCP improves documentation of stormwater treatment controls in an effort to expedite compliance review and better ensure that stormwater requirements are readily tracked throughout the development process.

The SCP supplements the Grading and Drainage Plan and is required to show the following:

Sheet No. 4a - Stormwater Control Plan

- a. All existing natural hydrologic features (depressions, names of watercourses, etc.) and significant natural resources.
- b. Specify soil type(s).
- c. Specify depth to groundwater.
- d. 100-year flood elevation.
- e. All existing and proposed topographic contours with drainage areas and sub areas delineated and arrows showing flow direction.
- f. Separate drainage areas depending on complexity of drainage network. For each drainage area, specify types of impervious area (roof, plaza, sidewalk, streets, parking, etc) and area of each.
- g. Location, size, and identification (including description), of types of water quality treatment control measures such as swales, detention basins, infiltration trenches, etc.
- h. Details of all proposed water quality treatment control measures.
- i. Location, size and identification of proposed landscaping/plant material.
- j. Ensure consistency with Grading and Drainage Plan and Landscape Plan.
- k. Supplemental Report :
 1. Calculations illustrating water quality treatment control measures meet numerical standards set forth in Post-Construction Urban Runoff Management Policy No. 6-29.
 2. Name and location of receiving water body.
 3. Identify pollutants and pollutant source areas, including loading docks, food service areas, refuse areas, outdoor processes and storage, vehicle cleaning, repair or maintenance, fuel dispensing.
 4. Water quality Treatment Control Measure maintenance requirements.
 5. Licensed certification that the specified Treatment Control Measures meet the requirements in Post-Construction Urban Runoff Management Policy No. 6-29.

Training

Training City staff about the hydraulic sizing requirements was a primary focus this fiscal year. Staff received training about the addition of the SCP in the plan set and its relevance. Public Works staff had weekly training sessions for the second half of the fiscal year and were educated about sizing criteria, methods to hydraulically size, policy changes, resources, changes to the development review process, and changes to standard memorandum language regarding stormwater requirements.

Public Works staff is responsible for the review of hydraulic sizing calculations. In response to staff demands for additional training on sizing methods, the City contracted with RBF Consultants, Inc for an informative training series on treatment control measures and sizing. The training was entitled "Post-Construction Stormwater Treatment Control Workshops" and was conducted over a period of five weeks. Staff from the departments of Public Works; Planning, Building and Code Enforcement; Transportation; General Services; and Environmental Services attended the series. Overall evaluations of the workshops were very positive.

The City also accepted presentations from six stormwater product vendors to provide information on their products to staff. The products varied from methods to reduce impervious surfaces to treatment and detention of stormwater. Porous concrete vendors as well as vendors of mechanical devices demonstrated how their products would work with an opportunity for City staff to ask questions on design, construction, cost, operation, and maintenance.

Outreach and training of the development and engineering community is also an essential and ongoing component of successful implementation of hydraulic sizing requirements. Staff was present at both Planning and Public Works engineering and development roundtables and kept the engineering and development community apprised of SCP requirements and training opportunities with SCVURPPP. Staff met biweekly with the engineering community to discuss stormwater designs in the context of the Evergreen Visioning Strategy Area. Solutions discussed in that setting are likely to have citywide implications.

Successes with Site Design

San José has very strong policies in the General Plan to encourage smart growth, infill development, and the reuse of existing infrastructure. As a result, San José has been successful in reducing the number of projects proposed outside the City boundaries on undeveloped land. By doing so, watersheds outside the urban service boundary remain in an undeveloped state. The General Plan already includes many of the suggestions in the EPA document *Protecting Water Resources with Smart Growth*.

The City has also strong site design policies for infill sites. As a result, most developments approved are at much higher densities than elsewhere in Santa Clara County and result in a smaller impervious surface per person ratio than traditional single-family development. The City also encourages the reuse of buildings for residential units and/or covered parking areas. By doing so, very little additional impervious surface area is added to the project site. For example, a recently approved project on a four-acre site in downtown San José reused two historic buildings and provided 262 living units with covered parking. The project did not create any additional impervious surface area.

Staff also strongly encourages the reduction of impervious surface area through better site design. For example, the following projects reported in Section 4.D: *Significant Development Projects* resulted in decreased impervious surface area compared to existing conditions:

- Chinese Baptist Church of San José
- Alberstons Store Remodel
- Stevens Creek Volkswagon
- Westgate Community Bible Church
- Donati Bascom Building
- CIM Group
- Hacienda Gardens
- Summerhill Homes
- Tamien Place
- Bernal Park Townhomes
- San Carlos Affordable Senior Apartments and Townhomes.

Additionally, City staff stress source control techniques including underground or covered parking and locating trash areas inside buildings.

Small Site Constraints

Over the course of project review, staff has found that the most difficult sites to incorporate treatment controls are small, infill sites with limited landscape areas. These types of sites result in less impervious surface per person because of high densities but prove difficult to incorporate landscape-based treatment measures. The local development community representatives and engineering consultants have expressed strong concern about introducing water near building footings and proximity of water to underground utilities. The City is also characterized by clay soils conditions that are not conducive to infiltration techniques. Staff is continuing to do research on treatment control techniques that lend themselves to high-density urban development.

4.C NDC Response to Water Board Comments

ITEM REFERENCE	WATER BOARD COMMENTS	SAN JOSÉ RESPONSE	CHANGES FOR FY 05-06 (IF APPLICABLE)
	<p>From Water Board comments on FY 03-04 Annual Report:</p> <p>On page 31, San José states that a summary of details of operation and maintenance verification program: organizational structure, evaluation, proposed improvements, inspections and follow-up, including criteria for setting priorities, was completed during the reporting period. However, no details on these elements have been included in the Annual Report as required by Provision C.3.e. Please ensure that the required information listed in Provision C.3 is included in next year's Annual Report.</p>	<p>The Operation and Maintenance Program for Group 1 and Group 2 projects is summarized in 4D: SOP for BMP O&M Verification Program. To date, no Group 1 or 2 projects have been constructed.</p>	<p>To date, no Group 1 hydraulically sized treatment BMPs have been constructed. To build experience with BMP inspection, the City will implement a pilot inspection program during FY 05-06 to inspect treatment BMPs that were constructed prior to numeric sizing requirements. The intention of the pilot program is to 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.</p> <p>An ICID Inspector will be assigned to inspect treatment control measures that have been recently constructed during the rainy season. The inspector will use the inspection forms developed by SCVURPPP to record information and the data will be analyzed by City staff with a view to refining the existing O&M Program.</p>

4.D NDC Summary Tables / Additional Information

Significant Development Projects¹ Reviewed and/or Approved During July 1, 2004 – June 30, 2005

PROJECT FILE NUMBER	PROJECT DESCRIPTION	PROJECT LOCATION	PROJECT TYPE	SITE SIZE (Ac)	NEW IMPERVIOUS SURFACE (Ac)	PROJECT STATUS (APPROVAL DATE)
Private Development Projects						
CP03-065	Chinese Baptist Church of San Jose Conditional Use Permit to allow demolition of two single-family detached residences, allow site improvements, and construction of 17,136 square foot addition for church uses to an existing 12,850 square foot church on a 1.96 gross acre site.	North side of Curtner Avenue opposite of the terminus of Joseph Avenue.	Institutional	1.96	1.0	12/17/04
SITE DESIGN: Site design for church expansion project reconfigured existing church parking lot and replaced some of the existing paving with landscaping. Project resulted in a 880 sq. ft. net reduction in impervious surface. New parking areas were designed to drain into landscaping.	SOURCE CONTROL: Stenciled inlets, street sweeping, covered trash enclosures.	TREATMENT BMPs: Landscaping, swales.	NUMERIC CRITERIA: N/A, deemed complete 10/28/03.	O&M RESPONSIBILITY: Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
CP03-074	Albertsons Store Remodel Conditional Use Permit to (1) demolish an existing 23,237 square foot building; (2) construct a new 32,196 square foot building for grocery store use (Albertsons) with associated site improvements; (3) allow the off-site sale of alcoholic beverages; and (4) allow 24 hour operation of a grocery store.	Southwest corner of Minnesota Avenue and Bird Avenue.	Commercial	3.89	1.6	08/25/04
SITE DESIGN: Grocery store renovation project reconfigured existing store parking lot to increase amount of landscaped area. Existing paving is replaced with wider perimeter landscaped areas and the number and size of tree planters between parking stalls has been increased. Site design for the store expansion project ultimately results in a 3,034 sq. ft. net	SOURCE CONTROL: Stenciled inlets, door skirts at loading docks, covered trash enclosures, street sweeping.	TREATMENT BMPs: Inlet filters, landscaping.	NUMERIC CRITERIA: N/A, deemed complete 11/26/03.	O&M RESPONSIBILITY: Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	

¹ Projects that 1) create or replace one acre or more of impervious surface area or 2) effective 5/17/05, create or replace 10,000 square feet or more of impervious surface area and are a Land Use of Concern.

PROJECT FILE NUMBER	PROJECT DESCRIPTION	PROJECT LOCATION	PROJECT TYPE	SITE SIZE (Ac)	NEW IMPERVIOUS SURFACE (Ac)	PROJECT STATUS (APPROVAL DATE)
	decrease in impervious surface.					
CP04-014	Stevens Creek Volkswagen Conditional Use Permit to demolish two modular buildings and to construct a two-story 40,900 sq ft building to accommodate an automobile showroom/ sales offices, 30 repair and service bays, and car wash on a 2.95 gross acre site.	South side of Stevens Creek Boulevard on the east side of Palace Drive (4490 Stevens Creek Blvd.)	Commercial	2.96	2.6	04/27/05
SITE DESIGN: Project reconfigured a portion of a site that is entirely paved and added substantial landscaping. Site plan resulted in an approximately 13,700 sq. ft. net decrease in impervious surface. Project includes provisions for bicycle and motorcycle parking.	SOURCE CONTROL: Covered trash enclosures, stenciled inlets, industrial waste required to be discharged into sanitary sewer system, all service work to occur within enclosed bays, floor drains inside shops plumbed to sanitary sewer system.	TREATMENT BMPs: Landscaping, swales, inlet filters.	NUMERIC CRITERIA: N/A, deemed complete 2/25/04.	O&M RESPONSIBILITY: Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
CP04-098	Westgate Community Bible Church Conditional Use Permit to construct 15,038 square feet for religious assembly uses to an existing church on a 3.38 gross acre site.	West side of Saratoga Avenue 500 feet southerly of Campbell Avenue.	Institutional	3.38	2.0	04/11/05
SITE DESIGN: Site design for church expansion project reconfigured an existing church parking lot, increased landscaped areas resulting in a substantial decrease in existing impervious surface.	SOURCE CONTROL: Covered trash enclosures, stenciled inlets, street sweeping.	TREATMENT BMPs: Landscaping, swales, retrofit existing inlets with inlet filters.	NUMERIC CRITERIA: N/A, deemed complete 10/5/04.	O&M RESPONSIBILITY: Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
SP04-064	Hellyer Commons Special Use Permit to allow for the construction of 16 industrial park buildings (total of approximately 97,200 sq.ft.) and off-site, alternating parking to serve an adjacent religious assembly use on a 7.4 gross acre site.	Southeasterly corner of Piercy Road and Hellyer Avenue.	Industrial	7.44	5.4	11/29/04
SITE DESIGN: Project minimizes required surface parking area by providing alternating parking for an adjacent church when industrial buildings are not in use. Substantial landscaping covers approximately 2.8 acres of the site. Bicycle and motorcycle parking areas provided.	SOURCE CONTROL: Stenciled inlets, street sweeping.	TREATMENT BMPs: Swales, inlet filters.	NUMERIC CRITERIA: N/A, deemed complete 9/8/02.	O&M RESPONSIBILITY: Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
H02-024	Trans- Pac	East side of Marburg Avenue approximately 500 feet southerly of	Industrial	9.9	1.5	02/18/05

PROJECT FILE NUMBER	PROJECT DESCRIPTION	PROJECT LOCATION	PROJECT TYPE	SITE SIZE (Ac)	NEW IMPERVIOUS SURFACE (Ac)	PROJECT STATUS (APPROVAL DATE)
	Site Development Permit to construct 37,430 square foot of warehouse/storage building on a 9.90 gross acre site.	Las Plumas Avenue.				
SITE DESIGN: Project site design includes approximately 9,500 sq.ft. of landscaped area and a 100-foot riparian setback covering approximately 3.0 acres adjacent to Lower Silver Creek.	SOURCE CONTROL: Covered trash enclosures, stenciled inlets, street sweeping.	TREATMENT BMPs: Landscaping, inlet filters.	NUMERIC CRITERIA: N/A, deemed complete 5/9/02.	O&M RESPONSIBILITY: Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
H04-015	Tully Office Building Site Development Permit to construct two office buildings for a total of 32,352 square feet on a 1.88 gross acre site.	South side of Tully Road approximately 500 feet easterly of Monterey Road.	Office	1.9	1.1	11/19/04
SITE DESIGN: Disconnected impervious surface-substantial landscaped and turf areas (totaling approximately 0.8 acre) are distributed throughout the entire site. Provisions for bicycle and motorcycle parking.	SOURCE CONTROL: Covered trash enclosures, stenciled inlets, street sweeping.	TREATMENT BMPs: Swales, landscaping, In-line hydrodynamic devices. Disconnected Downspouts drain into landscaped areas.	NUMERIC CRITERIA: N/A, deemed complete 3/26/04.	O&M RESPONSIBILITY: Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
H04-019	Venture Corporation Site Development Permit to allow demolition of existing residential structures and the construction of approximately 67,660 square feet of industrial park uses on a 4.8 gross acre site.	North side of Piercy Road approximately 500 feet westerly of English Place.	Industrial	4.8	3.9	08/13/04
SITE DESIGN: Motorcycle and bicycle parking required.	SOURCE CONTROL: Covered trash enclosures, stenciled inlets.	TREATMENT BMPs: Swales, inlet filters.	NUMERIC CRITERIA: N/A, deemed complete 4/22/04.	O&M RESPONSIBILITY: Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
H04-034	Donati Bascom Building Site Development Permit to construct 24,300 square feet of retail/commercial (for a strip mall) on a 1.44 gross acre site.	East side of South Bascom Avenue approximately 250 feet north of Leon Drive.	Commercial	1.4	1.1	11/12/04
SITE DESIGN: Project design included 13,756 sq. ft. of landscaped area and ultimately resulted in a substantial reduction in impervious surface from the existing pre-project condition. Pedestrian pathway	SOURCE CONTROL: Covered trash enclosures, stenciled inlets, street sweeping.	TREATMENT BMPs: Swales, landscaping, inlet filters.	NUMERIC CRITERIA: N/A, deemed complete 7/15/04.	O&M RESPONSIBILITY: Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: Pesticide reduction is done through education and outreach. The SCVURPPP C3 Handbook and the Landscape Maintenance Techniques for Pest Reduction Fact Sheet are	

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	constructed of interlocking pavers provides pedestrian linkage through the site from Del Mar Avenue. to Bascom Avenue.					posted on the City website.
H04-038	CIM Group Site Development Permit to construct 1,073,361 square feet of floor area for residential and commercial uses including (1) 335 single-family attached residences, (2) 68,267 square feet of ground-floor retail, and (3) above-and-below grade parking garages.	Southeast corner of South Second Street and San Fernando Street.	Residential & Commercial Mixed-Use	2.9	2.4	01/14/05
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:	
Very high density mixed-use project in a multi-story high rise building located in the Downtown Core provides pedestrian linkages in close proximity to public transit as well as many other Downtown services and amenities. Project includes landscaped areas on a site that is fully paved resulting in a net reduction in impervious surface from the existing condition.	Stenciled inlets, street sweeping, covered trash enclosures. Parking structure.	Landscaping, groundwater remediation program.	N/A, deemed complete 8/11/04.	Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	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.	
H04-041	Newcastle Partners Site Development Permit to construct 113,200 square feet of research and development facility uses on a 8.56 gross acre site.	South side of Piercy Road approximately 600 feet southwest of English Place.	Industrial R&D	8.56	6.4	11/24/04
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:	
100-foot riparian setback provided from Lower Silver Creek, downspouts drain into landscaped areas, designated bicycle and motorcycle parking areas.	Stenciled inlets, covered trash enclosures, street sweeping.	Landscaping, swales, inlet filters.	N/A, deemed complete 8/31/04.	Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	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.	
HA01-002-01	WTA Piercy LLC Site Development Permit Amendment to allow an additional 90 parking spaces on a 7.22 gross acre site.	East side of Piercy Road approximately 450 westerly of English Place.	Industrial	7.22	4.8	02/05/05
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:	
Disconnected impervious surfaces - substantial landscaped areas, totaling 2.4 acres, distributed throughout entire project site, motorcycle/bicycle parking facilities provided.	Stenciled inlets, covered trash enclosures, street sweeping.	Landscaping, swales, inlet filters.	N/A, deemed complete 12/6/01.	Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	Pesticide reduction is done through education and outreach. The SCVURPPP C3 Handbook and the Landscape Maintenance Techniques for Pest Reduction Fact Sheet are	

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						posted on the City website.
PD03-006	Fairgrounds Family Housing Planned Development Permit to construct 561 multi-family and single-family attached residences on a 11.63 gross acre site.	South side of Tully Road approximately 400 feet easterly of South Tenth Street.	100% Affordable Residential	11.4	8.5	03/09/05
SITE DESIGN: 100% affordable residential project. Minimized impervious surfaces. Project redeveloped an existing paved site used for a County fairgrounds parking lot with high-density affordable residential project. Site design includes up to four-story residential structure over a podium parking garage and includes substantial landscaped and open space areas and features narrow private streets.	SOURCE CONTROL: Stenciled inlets, street sweeping, covered trash enclosures Parking structure, bicycle/motorcycle parking accommodations.	TREATMENT BMPs: Landscaping, swales, off-site stormwater detention basins.	NUMERIC CRITERIA: N/A, deemed complete 1/16/03. 100% affordable residential project.	O&M RESPONSIBILITY: Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
PD03-038	Hacienda Gardens Planned Development Permit to allow 299 multi-family attached residences, approximately 168,184 square feet of commercial uses, and to allow an existing nightclub (Cardinal) and 24-hour uses (Cardinal, Rite-Aid and Albertson's) on a 20.86 gross acre site.	West side of Meridian Avenue on both sides of Foxworthy Avenue.	Residential & Commercial Mixed-Use	20.9	18.2	11/05/04
SITE DESIGN: Mixed use high-density residential project on infill site on podium over parking garage/ with adjacent commercial. Project design reduced the amount of paving from existing site condition by a minimum of 13% or 2.7-acres. Landscaped areas between parking, driveways and streets provides for substantial landscaped areas distributed throughout the site. Project preserves numerous existing trees and adds 600 new trees on site. Bicycle and motorcycle parking.	SOURCE CONTROL: Stenciled inlets, street sweeping, covered trash enclosures, parking structures, recycled construction materials.	TREATMENT BMPs: Swales, in-line hydrodynamic units, inlet filters.	NUMERIC CRITERIA: N/A, deemed complete 6/27/03.	O&M RESPONSIBILITY: Property owner and Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
PD03-061	Summerhill Homes Planned Development Permit to construct 56 single-family detached residences on a 5.39 gross acre site.	Southeast corner of Woodglen Avenue and Campbell Avenue.	Residential	5.4	3.4	09/28/04

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SITE DESIGN: Minimize impervious surfaces. Project replaced existing hardscape areas at a former school site resulting in a 1.4 acre reduction in impervious surface from existing condition. Substantial open space provided. Project provides over 2 acres in private yards areas and provides additional space in common landscaped areas. Roofs drain into landscaped areas.	SOURCE CONTROL: Stenciled inlets, street sweeping.	TREATMENT BMPs: Landscaping, inlet filters.	NUMERIC CRITERIA: N/A, deemed complete 10/4/03.	O&M RESPONSIBILITY: Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
PD03-062	North Park Planned Development Permit to construct 445 attached multi-family residences on a 7.6 gross acre site.	West side of Zanker Road between Tasman Road and River Oaks.	Residential	7.6	7.0	10/29/04
SITE DESIGN: Very high-density residential project on infill site. A seven-acre phase in a 44-acre planned high density mixed use project in proximity to Guadalupe Corridor Light Rail Transit and includes large expanses of open space areas, including a five acre park. This phase provides five story buildings on podium with parking below. Provides substantial landscaped areas in planter boxes on top of podium deck and additional perimeter landscaping at grade. Directly adjacent to Bonaventura Light rail station, design provides pedestrian pathways to Light Rail Transit.	SOURCE CONTROL: Stenciled inlets, street sweeping, covered trash enclosures, parking structures, decorative fountain lined and pool, parking garage and fountains all plumbed to sanitary sewer system.	TREATMENT BMPs: Landscaping.	NUMERIC CRITERIA: N/A, deemed complete 10/14/03.	O&M RESPONSIBILITY: Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
PD03-064	Almaden Subdivision Planned Development Permit to construct 26 single-family detached residences on a 7.02 gross acre site.	Southeast corner of Almaden Road and Barnes Lane.	Residential	7.0	2.9	07/02/04
SITE DESIGN: Landscaping. Project design provides substantial area (4.10 acres) for private yards, open space and landscaping. Roof runoff drains into landscaped	SOURCE CONTROL: Stenciled inlets, street sweeping.	TREATMENT BMPs: Landscaping, swales in sideyards.	NUMERIC CRITERIA: N/A, deemed complete 10/15/03.	O&M RESPONSIBILITY: Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: Pesticide reduction is done through education and outreach. The SCVURPPP C3 Handbook and the Landscape Maintenance Techniques for	

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	areas. Reduced street widths (44 - 48-foot wide rights-of-way) for internal public streets. Substantial tree plantings.					Pest Reduction Fact Sheet are posted on the City website.
PD04-008	Falk Development Planned Development Permit to construct 159 single-family attached residences on a 2.3 gross acre site.	Southeast corner of Madden Avenue and Jackson Avenue.	Residential	2.3	1.1	08/13/04
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:	
High density residential project in four-story building over podium parking on infill site along future BART alignment (within Jackson-Taylor pedestrian oriented Planned Community). Project includes ample common open space areas and dedicates a 0.31 acre for a public park. Wide sidewalks along public street frontages to encourage walking.	Stenciled inlets, covered trash enclosures, motorcycle/bicycle parking provided. Drains in parking structure and decorative fountains are plumbed to sanitary sewer system.	Landscaping.	N/A, deemed complete 2/09/04.	Property owner and Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	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.	
PD04-019	Bay Area Self-Storage Planned Development Permit to construct 129,410 square feet of ministorage use, with outdoor storage for RVs and boats on a 9.91 gross acre site.	West side of South King Road approximately 800 feet south of Aborn Road.	Industrial	9.91	8.9	03/03/05
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:	
The proposed indoor and outdoor storage facility involves large expanses of impervious surfaces. Porous concrete is used to help separate (disconnect) the impervious surface areas and substantial landscaping is placed around the perimeter of the site to collect additional stormwater runoff.	Stenciled inlets, covered trash enclosures.	Swales, porous concrete, in-line hydrodynamic device, inlet filters.	N/A, deemed complete 3/19/04.	Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	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.	
PD04-021	Tamien Place Planned Development Permit to demolish existing bowling alley and office buildings and construct 240 single-family attached residences on a 3.18 gross acre site.	Northwest corner of Lick Avenue and Alma Avenue.	Residential	3.18	3.1	08/13/04
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:	
High-density residential project in eleven-story structures and 12 townhouses on infill site adjacent to Tamien multi-modal transit	Stenciled inlets and covered trash enclosures, street sweeping. Pool, decorative fountain and parking structure are plumbed to	Inlet filters, landscaping.	N/A, deemed complete 4/01/04.	Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning	Pesticide reduction is done through education and outreach. The SCVURPPP C3 Handbook and the Landscape	

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	facilities (Tamién Station provides Cal Train, VTA light rail/bus, bicycle pathways, park and ride and pedestrian connections @ planned Guadalupe Hwy/Transit Corridor). Provides parking structure and bicycle/ motorcycle parking and pedestrian linkages, daycare and other amenities designed to support and encourage transit ridership. Project replaces an existing bowling alley and parking lot on a site almost entirely covered with impervious surface resulting in a 1,000 sq. ft. net reduction in impervious surface.					Maintenance Techniques for Pest Reduction Fact Sheet are posted on the City website.
PD04-024	Venetian Terrace Planned Development Permit to construct 170 single-family attached residences on a 4.76 gross acre site.	West side of Masonic Drive approximately 520 feet southerly of Canoas Avenue.	Residential	4.73	2.7	02/25/05
SITE DESIGN: High density residential project in six-story podium building over two-level underground parking garage on vacant infill site in proximity to Guadalupe Corridor Light Rail transit facilities. Project provides landscaping/open space including approximately 34,800 sq. ft. of perimeter landscaping and dedication of a 1.3 acre park site. Bicycle & motorcycle parking areas provided.	SOURCE CONTROL: Stenciled inlets, covered trash enclosures, street sweeping, parking structure drains and decorative fountain plumbed to sanitary sewer system.	TREATMENT BMPs: Inlet filters, landscaping.	NUMERIC CRITERIA: N/A, deemed complete 4/14/04.	O&M RESPONSIBILITY: Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
PD04-027	Bernal Park Townhomes Planned Development Permit to construct 100 single-family attached residences on a 4.3 gross acre site.	Southwest corner of North Eighth Street and Hedding Street.	Residential	4.3	2.6	09/10/04
SITE DESIGN: Project replaces a site almost completely covered by impervious surface resulting in an approximately 1.7 acre net reduction in impervious surface. High Density Residential project on infill site within Jackson-Taylor	SOURCE CONTROL: Stenciled inlets, covered trash enclosures, street sweeping.	TREATMENT BMPs: Disconnected downspouts drain into landscaping, permeable paving.	NUMERIC CRITERIA: N/A, deemed complete 4/20/04.	O&M RESPONSIBILITY: Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	

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	Planned Community, along future BART extension, provides compact pedestrian oriented site design with no front setbacks and pedestrian connections to transit and the surrounding community.					
PD04-029	Tuscany Hills Block 3 Planned Development Permit to construct 126 single-family detached residences on a 7.3-acre site.	North side of Hillsdale Avenue, opposite the terminus of Vista Park Drive.	Residential	7.3	5.8	10/22/04
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:	
Compact site design for detached residences on infill site minimizes amounts of impervious surface. Phase of Communications Hill Master Planned Development Community which provides for a mixture of housing types in proximity to the Guadalupe Multi-Modal Transit Corridor. Communications Hill Specific Plan also clusters all development to provide substantial permanent open space areas.	Stenciled inlets, street sweeping.	Inlet filters, landscaping, detention basin for flood control provides some flow control.	N/A, deemed complete 4/28/04.	Homeowners Association, County and City shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	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.	
PD04-048	Tuscany Hills Phase 5 Planned Development Permit to construct 68 single-family attached residences on a 3.0 gross acre site.	Blocks Two and Six within the Tuscany Hills Development portion of Communications Hill.	Residential	3.0	2.4	01/14/05
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:	
Compact site design for attached residences on infill site minimizes amounts of impervious surface. Phase of Communications Hill Master Planned Development Community which provides for a mixture of housing types in proximity to the Guadalupe Multi-Modal Transit Corridor. Communications Hill Specific Plan also clusters residential development to provide substantial permanent open space areas along hillsides.	Stenciled inlets, street sweeping.	Inlet filters, landscaping, detention basin constructed for flood control provides some flow control.	N/A, deemed complete 6/18/04.	Homeowners Association, County and City shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	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.	
PD04-053	San Jose Bible College	Southeast corner of South Twelfth Street and Orvis Avenue on west side	Residential	8.6	3.2	12/10/04

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	Planned Development Permit to demolish existing structures and hardscape and construct 46 single-family detached residences on a 8.6 acre site.	of Coyote Creek.				
SITE DESIGN: Project site design provides 5.6 acres for public and private open space, including a setback from Coyote Creek that has an 0.83 acre common space at the creek frontage and dedication of a 2.38 strip of land adjacent to the creek to the Santa Clara Valley Water District. Project includes a riparian planting and restoration program within portions of the riparian setback.	SOURCE CONTROL: Stenciled inlets, street sweeping.	TREATMENT BMPs: Landscaping, disconnected downspouts drain into landscaping.	NUMERIC CRITERIA: N/A, deemed complete 7/15/04.	O&M RESPONSIBILITY: Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
PD04-057	Paloma Center Planned Development Permit to construct 69,525 square feet of retail on a 5 gross acre site.	Southwesterly corner of Lower Silver Creek Road and Aborn Road.	Commercial	5.0	4.3	10/01/04
SITE DESIGN: Project provides landscaping.	SOURCE CONTROL: Stenciled inlets, street sweeping, covered trash enclosures.	TREATMENT BMPs: Swales.	NUMERIC CRITERIA: N/A, deemed complete 7/3/04.	O&M RESPONSIBILITY: Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
PD04-059	BEA Systems Planned Development Permit to allow master grading for future research and development/office development on a 40.92 gross acre site.	West side of North First Street on both sides of Component Drive.	Industrial	40.92	33.2	10/22/04
SITE DESIGN: Compact industrial campus site at 1.57 :1 FAR provides 8 multi-story industrial research and development buildings and includes three multi-story parking garage structures, bicycle and motorcycle parking provided, and on-site employee support facilities including dining and training facilities. Adjacent to Guadalupe Corridor Light Rail transit facilities.	SOURCE CONTROL: Stenciled inlets, street sweeping covered trash enclosures, parking structure drainage inlets plumbed to sanitary sewer system.	TREATMENT BMPs: Landscaping, swales, turf block.	NUMERIC CRITERIA: N/A, deemed complete 8/14/04.	O&M RESPONSIBILITY: Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	

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PD04-065	12th and Keyes Streets Affordable Apartments Planned Development Permit to construct 88 affordable multi-family attached residences and 2,500 square feet of retail space on a 1.61 gross acre site.	Southeast corner of Keyes Street and South 12th Street.	Mixed use 100% affordable residential and commercial	1.61	1.4	11/19/04
SITE DESIGN: Compact high density site design for a project that provides 55.6 units per acre in four-story buildings on a podium over a two-level below ground parking garage on an infill site. Substantial landscaping provided in at-grade planter beds around project perimeters and additional landscaped areas are provided in raised planters on top of the podium deck.	SOURCE CONTROL: Stenciled inlets, covered trash enclosures, street sweeping, parking structure drains and decorative fountain plumbed to sanitary sewer system. Bicycle & motorcycle parking areas provided.	TREATMENT BMPs: Swales, inlet filters.	NUMERIC CRITERIA: N/A, deemed complete 8/27/04.	O&M RESPONSIBILITY: Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
PD04-067	Paloma Medical Center Planned Development Permit to allow for the construction of 37,050 square feet of medical offices on a 1.5 gross acre site.	Southeast corner Towers Lane and Aborn Road.	Institutional	1.5	1.4	02/23/05
SITE DESIGN: Landscaping. Dedication of (Parcel 3) for 1.0 acre for public park use as a part of the Master PD Zoning approval.	SOURCE CONTROL: Stenciled inlets, street sweeping, covered trash enclosures.	TREATMENT BMPs: Swales.	NUMERIC CRITERIA: N/A, deemed complete 9/13/04.	O&M RESPONSIBILITY: Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
PD04-072	Autumn Terrace at William Planned Development Permit to allow grading, soil remediation, a new public street, and 105 lots for single-family detached residential uses on a 13.06 gross acre site.	South side of East William Street approximately 400 feet west of McLaughlin Avenue.	Residential	13.1	2.6	12/22/04
SITE DESIGN: Project redevelops blighted brownfields infill site with first time buyer single-family detached housing and includes; contaminated soil cleanup program because of previous railroad use, landscaping and pedestrian/bicycle trail connections.	SOURCE CONTROL: Stenciled inlets, street sweeping.	TREATMENT BMPs: Landscaping.	NUMERIC CRITERIA: N/A, deemed complete 9/24/04.	O&M RESPONSIBILITY: Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	

PROJECT FILE NUMBER	PROJECT DESCRIPTION	PROJECT LOCATION	PROJECT TYPE	SITE SIZE (Ac)	NEW IMPERVIOUS SURFACE (Ac)	PROJECT STATUS (APPROVAL DATE)
PD04-074	Lands of Sobrato Interests & Philips Semiconductor Planned Development Permit to demolish existing office buildings and construct 304 single-family attached residences on a 17.38 gross acre site.	Southwest corner of Lundy Avenue and McKay Avenue.	Residential	17.38	10.9	12/26/04
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:	
High density residential project on infill site provides compact site design and includes attached units on podium with sub-grade parking garage, narrow private street sections, 0.67 acre private open space, 3.63 acres of landscaping and a 1.25 acre public park totaling over 5 acres of the project site dedicated to landscaping and open space.	Stenciled inlets, street sweeping.	In-line underground proprietary devices and stormwater planter boxes on podium.	N/A, deemed complete 9/29/04.	Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	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.	
PD04-076	Ajisai Gardens Planned Development Permit to construct 143 single-family attached residences and 12,000 square feet of commercial space on a 2.0 gross acres site.	Southeast corner of North 7th Street and East Taylor Street.	Mixed-use, residential and commercial	2.0	1.4	05/04/05
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:	
High density mixed-use project designed for infill this site along future BART alignment, includes residential units and neighborhood-serving commercial in a pedestrian oriented five-story building on podium over parking within Jackson-Taylor Planned Community. Pedestrian oriented buildings at front setback consistent with Jackson-Taylor strategy. Bicycle and motorcycle parking provided.	Stenciled inlets, street sweeping.	Landscaping.	N/A, deemed complete 10/8/04.	Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	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.	
PD04-077	San Jose Market Center Planned Development Permit to construct 356,341 square feet for commercial uses, allow operation after midnight, drive-through uses, and off-sale of alcoholic beverages at several proposed stores on a 38.28 gross acres site.	Southerly corner of Coleman Avenue and West Taylor Street.	Commercial	38.28	28.1	12/10/04
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:	
Landscaping. Substantial landscaping covers over ten acres distributed throughout the	Stenciled inlets, covered trash enclosures, street sweeping. Door skirts at loading docks.	Swales, inlet filters.	N/A, deemed complete 10/13/04.	Property owner shall maintain treatment measures in conformance with Section	Pesticide reduction is done through education and outreach. The SCVURPPP C3	

PROJECT FILE NUMBER	PROJECT DESCRIPTION	PROJECT LOCATION	PROJECT TYPE	SITE SIZE (AC)	NEW IMPERVIOUS SURFACE (AC)	PROJECT STATUS (APPROVAL DATE)	
	project site including planting strips between parking stalls and extensive tree plantings. A frontage road and 100-foot riparian corridor setback buffer is provided from the Guadalupe River and includes additional plantings of native vegetation.	Bicycle/motorcycle parking.				20.95.120 of the Zoning Ordinance.	Handbook and the Landscape Maintenance Techniques for Pest Reduction Fact Sheet are posted on the City website.
PD04-082	Lands of Hoang, Pham, Rausch and Ross. DKB Homes LLC Planned Development Permit to allow for the construction of 19 single-family detached residential units on a 1.75 gross acre site.	Southeast terminus of East San Antonio Street and South 34th Street.	Residential	1.75	1.1	03/25/05	
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:		
Landscaping, narrow private streets, substantial number of shade trees added.	Stenciled inlets, street sweeping.	Landscaping.	N/A, deemed complete 11/17/04.	Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	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.		
PD04-083	Petroni Family Partnership Planned Development Permit to construct 57 single-family attached residences on a 3.23 gross acre site.	South side of Marburg Way at its westerly terminus, approximately 550 feet west of 33rd Street.	Residential	3.2	2.2	06/09/05	
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:		
Project replaces a blighted industrial use and includes contaminated soil clean up resulting from leaking above ground and underground storage tanks with attached residential project on infill site in a neighborhood revitalization area. Project site plan includes compact site design with narrow private streets, and includes almost one-acre of landscaped area and an additional 0.18 acre of private open space.	Stenciled inlets, street sweeping.	Swales, interlocking unit pavers on pedestrian pathways.	N/A, deemed complete 11/22/04.	Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	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.		
PD04-084	Paseo Center at Coyote Creek Planned Development Permit to demolish existing structures (hay storage, horse boarding, residential use, community services) and construct 218 multi-family residences on a 7.2 gross acre site.	East side of Senter Road approximately 600 feet southerly of Needles Drive.	Residential	7.2	3.7	03/18/05	
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:		
High density residential project	Stenciled inlets, street sweeping.	Landscaping, swales, inlet filters.	N/A, deemed	Property owner shall maintain	Pesticide reduction is done		

PROJECT FILE NUMBER	PROJECT DESCRIPTION	PROJECT LOCATION	PROJECT TYPE	SITE SIZE (Ac)	NEW IMPERVIOUS SURFACE (Ac)	PROJECT STATUS (APPROVAL DATE)
	redevelops infill site to provide 100% affordable units in four-story building and provides parking in a five-level parking structure. Wool Creek Road is used to provide a frontage road buffer from Coyote Creek. Graded to allow prevent drainage to Wool Creek Road. Riparian setback up to 100-feet (approx. 75-foot average) covers 1.9 acres adjacent to Coyote Creek. Streambank improvements at Coyote Creek frontage. Project includes invasive plant removal and riparian restoration program within riparian buffer area.	covered trash enclosures.		complete 11/24/04.	treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	through education and outreach. The SCVURPPP C3 Handbook and the Landscape Maintenance Techniques for Pest Reduction Fact Sheet are posted on the City website.
PD04-090	Regional Medical Center Planned Development Permit - Phase 1 Planned Development Permit to allow expansion of 256,000 square feet and allow 24 hour operation for hospital uses on a 34.22 gross acre site.	Southwest corner of McKee Road and Jackson Avenue.	Institutional	34.22	22.8	04/15/05
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:	
Landscaping distributed throughout the site. Parking structures. Project preserved and incorporated any existing mature trees into site design.	Stenciled inlets, street sweeping, covered trash enclosures.	Swales, inlet filters.	N/A, deemed complete 12/6/04.	Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	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.	
PD04-092	Lands of TLB properties Planned Development Permit to construct 30 single-family detached residences on a 3.49 gross acres site.	North side of Umbarger Road approximately 1,200 feet west of Senter Road.	Residential	3.5	1.3	06/30/05
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:	
Efficient site design provides one standard width through public street connected to existing street network to serve 34 single-family detached units on small lots, averaging 3,000 sq. ft. and reserves 1.35 acre or 54 percent of the project site as landscaped open space in the form of private yards. Projects includes a tree protection and tree replacement program.	Stenciled inlets, street sweeping.	Landscaping.	N/A, deemed complete 12/10/04.	Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	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.	

PROJECT FILE NUMBER	PROJECT DESCRIPTION	PROJECT LOCATION	PROJECT TYPE	SITE SIZE (Ac)	NEW IMPERVIOUS SURFACE (Ac)	PROJECT STATUS (APPROVAL DATE)
PD04-095	Lands of Braddock and Logan Services Inc. Planned Development Permit to construct 15 single-family detached residences on a 2.18 gross acres site.	Southwest corner of Story Road and Clayton Road.	Residential	2.18	1.2	03/18/05
SITE DESIGN: Project site layout designed to maximize use of existing roads for access, provides on new narrow private street.	SOURCE CONTROL: Stenciled inlets, street sweeping.	TREATMENT BMPs: Landscaping.	NUMERIC CRITERIA: N/A, deemed complete 12/22/04.	O&M RESPONSIBILITY: Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
PD04-103	San Carlos Affordable Senior Apartment and Townhome Development Planned Development Permit to allow mixed use development including 95 senior apartments, 32 single-family attached residences and 4500 square feet of commercial uses on a 3.19 gross acre site.	North side of west San Carlos Street between north Buena Vista Avenue and North Willard Avenue.	Residential	3.19	1.1	08/25/04
SITE DESIGN: 2.1 acre reduction in impervious surface. Project replaced fully paved site with mixed-use high density affordable housing and commercial uses in proximity to Major Transit Corridor. Most parking provided in underground structure. Pedestrian oriented amenities, including plazas.	SOURCE CONTROL: Stenciled inlets, street sweeping, covered trash enclosures, recycled water for all landscape irrigation. Decorative fountain uses recycled water and plumbed to sanitary sewer system.	TREATMENT BMPs: Swales, inlet filters.	NUMERIC CRITERIA: N/A, deemed complete 5/10/04.	O&M RESPONSIBILITY: Property owner shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	
PD05-006	Autumn Terrace at Bonita Planned Development Permit to construct 80 single-family detached residences on a 7.69 gross acre site.	Northeast corner of Bonita Avenue and Sunny Court.	Residential	8.0	5.7	06/15/05
SITE DESIGN: Project will apply soil remediation on a site formerly used for industrial purposes and will replace substantial expanses of impervious surfaces including industrial buildings, parking lots and outdoor storage tanks with new residential development and open space. Impervious surfaces currently occupies approximately 80% or eight acres of the site. New project provides compact site plan for single-family	SOURCE CONTROL: Stenciled inlets, street sweeping.	TREATMENT BMPs: Landscaping, interlocking unit pavers on pedestrian paths, roof downspouts drain into landscaped areas and extensive tree plantings.	NUMERIC CRITERIA: N/A, deemed complete 1/27/05.	O&M RESPONSIBILITY: Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	PESTICIDE REDUCTION MEAS: 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.	

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PROJECT FILE NUMBER	PROJECT DESCRIPTION	PROJECT LOCATION	PROJECT TYPE	SITE SIZE (Ac)	NEW IMPERVIOUS SURFACE (Ac)	PROJECT STATUS (APPROVAL DATE)
	detached product on infill site, and includes narrow private streets with private yards, substantial landscaping and a 0.9-acre public park.					
PD05-008	Lago De Como Villas Planned Development Permit to demolish two single-family detached residences and related accessory structures to construct 26 single-family attached residences on a 1.7 gross acres site in the A (PD) Planned Development Zoning District.	South side of Hillsdale Avenue approximately 450 feet east of Highway 87.	Residential	1.7	1.1	04/08/05
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:	
High density residential project on a small infill site provides a 30-foot riparian setback from Canoas Creek and includes riparian revegetation using species that originate from Los Gatos Creek Watershed. Site design includes narrow private streets and substantial landscaping.	Stenciled inlets, street sweeping.	Landscaping, roof downspouts drain into landscaped areas, unit pavers in pedestrian pathways.	N/A, deemed complete 2/1/05.	Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	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.	
PD05-011	Altura at Campbell Avenue Planned Development Permit to construct 220 single-family attached residences and associated improvements on a 10.1 gross acres site.	Northeast corner of Newhall Street and Campbell Avenue.	Residential	10.1	6.5	06/09/05
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:	
High Density development on infill site in proximity to future BART alignment and planned BART station. Project replaces site mostly covered by impervious surfaces, including an old industrial building and parking lot. New residential project provides 2.26 acres in landscaped areas and dedicates a 1.4 acre park. Provides narrow private internal streets and includes permeable pedestrian pathways.	Stenciled inlets, street sweeping.	Landscaping, in-line underground (CDS) units.	N/A, deemed complete 2/4/05.	Homeowners Association shall maintain treatment measures in conformance with Section 20.95.120 of the Zoning Ordinance.	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.	
Public Projects						
CIP 1309	Evergreen Branch Library Demolition of existing library facility and construction of new 21,500 square foot library on same site.	Aborn Rd. between Kettman and Renfield.	Institutional	2.5	1.5	07/30/04
SITE DESIGN:	SOURCE CONTROL:	TREATMENT BMPs:	NUMERIC CRITERIA:	O&M RESPONSIBILITY:	PESTICIDE REDUCTION MEAS:	

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PROJECT FILE NUMBER	PROJECT DESCRIPTION		PROJECT LOCATION	PROJECT TYPE	SITE SIZE (Ac)	NEW IMPERVIOUS SURFACE (Ac)	PROJECT STATUS (APPROVAL DATE)
	Swale, disconnected downspouts.	Landscaping, covered trash, stenciled inlets, street sweeping.	Vegetated Swale.	N/A. Funded prior to 10/15/03, but includes swales sized to 0.2 in/hr flow intensity.	Swales are maintained by City during routine site maintenance.	Pesticide reduction is done via the City's Integrated Pest Management Policy.	
CIP 1310	Hillview Branch Library Construction of new 21,035 square foot branch library.		Hopkins Drive between Evelyn and Simon.	Institutional	2.5	1.6	01/25/05
SITE DESIGN:	Swale, disconnected downspouts.	SOURCE CONTROL: Landscaping, covered trash, stenciled inlets, street sweeping.	TREATMENT BMPs: Vegetated Swale.	NUMERIC CRITERIA: N/A. Funded prior to 10/15/03, but includes swales sized to 0.2 in/hr flow intensity.	O&M RESPONSIBILITY: Swales are maintained by City during routine site maintenance.	PESTICIDE REDUCTION MEAS: Pesticide reduction is done via the City's Integrated Pest Management Policy.	
CIP 1311	Cambrian Branch Library Replacement of existing branch library with new 27,800 square foot facility.		Hillsdale Ave. between Ross and Manda.	Institutional	1.5	1.6	12/15/04
SITE DESIGN:	Swale, disconnected downspouts, porous concrete.	SOURCE CONTROL: Landscaping, covered trash, stenciled inlets, street sweeping.	TREATMENT BMPs: Vegetated Swale.	NUMERIC CRITERIA: N/A. Funded prior to 10/15/03, but includes swales sized to 0.2 in/hr flow intensity.	O&M RESPONSIBILITY: Swales are maintained by City during routine site maintenance.	PESTICIDE REDUCTION MEAS: Pesticide reduction is done via the City's Integrated Pest Management Policy.	
PD03-077	Zone 3 Reservoir and Pipeline Project Planned Development Permit to construct 2 reinforced concrete recycled water tanks, pipelines, and an access road on a 17.16 gross acre site.		Northeast corner of Yerba Buena Road and Old Yerba Buena Road.	Institutional	17.16	5.7	03/09/05
SITE DESIGN:	Landscaping/minimize land disturbance. Project will construct two water tanks, an underground pipeline and an approximately 3,000 linear foot access road. Approximately 11.5 acres to remain as undisturbed open space.	SOURCE CONTROL: Street sweeping.	TREATMENT BMPs: Landscaping.	NUMERIC CRITERIA: N/A. Funded prior to 10/15/03.	O&M RESPONSIBILITY: Routine maintenance by City.	PESTICIDE REDUCTION MEAS: Pesticide reduction is done via the City's Integrated Pest Management Policy.	

Development Activity Map



Procedures for BMP O&M Verification Program

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) 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 when construction is complete.

Table 1 : Procedure for BMP Data Compilation

STEP	RESPONSIBILITY	ACTION
1	PBCE – Planning Division Planners	1. Collect and document information on BMPs required for NRD Program. Information must include description of BMP, location, BMP owner, responsible party for maintenance and any available contact info, O&M requirement mechanism, and any additional conditions imposed related to BMP O&M.
2	PBCE – Planning Division Urban Runoff Coordinator	2. Compile annually (each July) and provide to ESD a data file of all BMPs and projects which have completed construction during the previous fiscal year.

Inspection

ESD selects sites for inspection based on complaints received. All complaints are investigated; and inspection and follow up procedures are consistent with the City's ICID Program. All post-construction BMP complaints are investigated within five days of the initial complaint in keeping with ICID procedures.

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 responding to treatment BMP complaints.

Table 2: Procedure for BMP Inspection

STEP	RESPONSIBILITY	ACTION
1	ESD - Clerical	1. Answer call and address as an ICID complaint. See ESD Environmental Enforcement Division policies and procedures "ICID Complaint Intake" dated 02/03/99 Section Number 2410.00.
2	ESD -	1. Address complaints on post-construction BMPs as an ICID incident. See ESD

STEP	RESPONSIBILITY	ACTION
	Environmental Inspector	<p>Watershed Enforcement Section policies and procedures "ICID Complaint Investigation" dated 01/01/04 revised 02/05/04, section number 5420 with the following additional requirements:</p> <ol style="list-style-type: none"> 2. Visually inspect treatment BMP using SCVURPPP Standard Stormwater BMP Inspection Data Collection Form and refer to SCVURPPP Table 2 Potential Inspection Results with Definitions to record inspection results. <ol style="list-style-type: none"> a. If immediate threat to storm sewer system or creek, follow Watershed Enforcement Response Plan (WERP). b. If BMP is functional and maintained, record inspection results. Distribute BMP Maintenance Fact Sheet from C3 Handbook and schedule follow-up inspection if necessary. c. If BMP is non-functional, record inspection results. Follow Watershed Enforcement Response Plan (WERP) and proceed to Step 2.3. 3. Conduct Permit research and determine whether an approved land use permit with enforceable BMP O&M conditions is recorded against the property. <ol style="list-style-type: none"> a. If the property has an approved land use permit proceed to Table 3 below. b. If there is no enforceable land use permit, distribute BMP Maintenance Fact Sheet from C3 Handbook and continue to follow WERP. 4. Log inspection information as Post-Construction Treatment BMP Incident Type.

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

STEP	RESPONSIBILITY	ACTION
1	ESD - Environmental Inspector (EI)	<ol style="list-style-type: none"> 1. Develop Notice of Violation to Responsible Person including description of violation, corrective actions required and compliance date. 2. Re-inspect after compliance date. <ol style="list-style-type: none"> a. If violations corrected, deadfile case and following Reporting Procedures b. If violation continues, proceed to Step 3
2	ESD - Environmental Inspector	<ol style="list-style-type: none"> 1. Within 48 hours, refer violation via e-mail to Code Enforcement Administrator including the following: <ol style="list-style-type: none"> a. Field Inspection Notes b. Notice of Violation c. Planning Permit Condition Violation Number d. Digital picture of initial violation and re-inspection e. Signed Photo Evidence Affidavit f. Recommended Compliance Timeline
3	PBCE - Code Enforcement Administrator	<ol style="list-style-type: none"> 1. Within 24 hours, review referral for completeness. Contact EI if indicated. 2. If complete, open case in Code Enforcement System (CES) within 24 hours.

BMP O&M Verification Program

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STEP	RESPONSIBILITY	ACTION
	(CEA)	3. Within 48 hours, Issue Compliance Order to Responsible Person(s) including compliance date. Send electronic copy to EI.
4	ESD - Environmental Inspector	1. After compliance date, re-inspect for compliance. a. If compliance achieved, advise CEA to deadfile case in CES. Follow reporting requirements. b. If Compliance is not achieved, document violation (See Step 2.1.a.d. and e) and notify CEA.
5	PBCE - Code Enforcement Administrator (CEA)	1. Within 5 working days, develop Notice of Hearing and notify Responsible Person(s). 2. Schedule issue before the Appeals Hearing Board. 3. Notify EI to attend AHB to provide testimony.

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 the incident type in the EEDMS database.

Table 4

STEP	RESPONSIBILITY	ACTION
1	ESD - Environmental Inspector	1. Log inspection information using SCVURPPP Standard Stormwater Treatment BMP Inspection Data Collection Form. 2. Log inspection information as "Post-Construction Treatment BMP" Incident type in EEDMS database.
2	ESD - UR	1. Collect completed SCVURPPP Standard Stormwater Treatment BMP Inspection Data Collection Form. 2. Compile all "Post-Construction Treatment BMP" incidents annually through EEDMS reporting and report in ICID Summary Tables and cross reference in NRD section of Annual Report.

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5. CON: Construction Inspection

5.A CON Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
CON 1	Site Housekeeping 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.	PB&CE Building Division Inspectors develop SOPs to address housekeeping measures at construction sites.	Done FY 03-04	Done FY 03-04.	ESD, PBCE
CON 1.B.	Develop hand-off procedure for transferring project information and status to ensure Building Inspectors are informed of project site data collected by Public Works Inspectors.	Done FY 03-04	Done FY 03-04.	ESD, PW, PBCE
CON 1.C.	Track & document incidents of housekeeping issues at construction sites	Ongoing	Done. Inspectors from ESD, PW, and PBCE Building tracked and documented incidents of housekeeping issues at construction sites during FY 04-05 and these records are on file for review. At the private development projects, PW inspectors found housekeeping issues at 53 of 126 sites inspected. Issues included no cover on dirt stockpile/dumpsters, inadequate inlet protection, maintenance of gravel construction entrances, maintenance of perimeter protection, improper installation of perimeter protection, tracking of dust and mud on public streets.	ESD, PW, PBCE
CON 2	Local Ordinance 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.	Review existing legal authority to conduct and enforce construction site inspections, if necessary revise.	Done FY 02-03	Done FY 02-03.	
CON 2.B.	Identify needed ordinance changes 1. Identify timeline for revised grading ordinance	Done FY 02-03	Done FY 02-03.	
CON 2.C.	Develop SOPs & conduct training for inspection of construction sites requiring erosion control plans before wet season. Include enforcement (see Environmental Engineering Enforcement Procedures)	Annually	Done. SOPs were developed during FY 03-04. Training on existing SOPs was held by PBCE Building Inspection on 9/14/04, 10/20/04 and 11/09/04. ESD Watershed Enforcement Inspection held training on existing SOPs 7/12/04 – 7/16/04. See Section 12D: <i>Municipal Employee Training Summary</i>	ESD, PW

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY				
CON 3	Construction Inspection Frequency 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.	Review construction inspection procedures to incorporate performance standards requirements for monthly inspections into SOPs.	Done FY 02-03	Done FY 02-03.					
CON 3.B.	Document inspections of active construction sites.	Annually	<p>Done. ESD and PW documented inspections of active construction sites during FY 04-05 at active construction sites. These records are on file for review. Inspections included:</p> <table style="margin-left: 20px;"> <tr> <td>ESD</td> <td style="text-align: right;">272</td> </tr> <tr> <td>PW (TDS)</td> <td style="text-align: right;">562</td> </tr> </table> <p>ESD inspections are lower for FY 04-05 (272) than for FY 03-04 (570) because in 04-05, ESD only inspected sites that were referred to them from PW and PBCE or sites that had a previous enforcement history. In contrast, ESD inspected all sites during FY 03-04.</p> <p>Last year's report incorrectly listed the number of PW inspections as 981; this number should have been 658. In FY 04-05, this number reduced to 562.</p> <p>In addition to the inspections listed above, PBCE Building inspectors also include stormwater issues in their inspections. Currently, stormwater inspections are done during the course of routine building inspections. The outcomes are tracked only if an inspection results in a stormwater issue identified that warrants follow-up. Based on a workload review of building inspections conducted during FY 04-05, an estimated 2,600 inspections were conducted by Building inspectors to include a review of stormwater issues.</p>	ESD	272	PW (TDS)	562	ESD, PW, PBCE
ESD	272							
PW (TDS)	562							
CON 3.B.1	Evaluate use of Amanda system for tracking inspection information.	6/30/04	Done FY 03-04.	ESD, PW, PBCE				
CON 3.C.	Evaluate the effectiveness of the construction inspection program and make improvements, as necessary.	Ongoing	Done. The coordination meetings among Building, ESD, and Public Works inspectors that began in FY 03-04 continued during FY 04-05. These meetings plus the citywide training conducted 10/13/2004-10/15/2004 improved the communications and coordination amongst inspectors in all three departments.	ESD, PW, PBCE				
CON 4	Wet Season Preparation 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.							

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
CON 4.A.	Review and revise, as needed, procedures for Public Works staff regarding wet season construction requirements.	As Needed	Done. Procedures for wet season preparation were reviewed and found to be adequate with no changes identified. Public Works project managers continued to implement language in Section 10-2, Storm Water Pollution Prevention for public projects.	PW
CON 4.B.	Document pre-season inspection of construction sites to ensure adequate implementation of winterizing BMPs, prior to the wet season.	Annually	Done. The City documented pre-season inspection of construction sites to ensure adequate implementation of winterizing BMPs, prior to the wet season during FY 04-05. Pre-season inspections were performed by Public Works for 46 private development projects. PBCE Building inspectors delivered notices to all active construction sites identified by Public Works. ESD Watershed Enforcement inspectors conducted 57 pre-season inspections before 10/01/04.	PW
CON 5	Inspection and Site Evaluation Follow-up 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.			
CON 5.A.	Draft and implement procedures for follow-up actions and graduated levels of enforcement, to be used on construction sites.	Done FY 02-03	Done FY 02-03.	ESD, PW
CON 5.B.	Track and summarize notices and follow-up actions for annual reports.	Annually	Each of the implementing departments follows a procedure for escalated action depending on the outcomes of an inspection. Public Works issued 197 Verbal Warnings. 36 sites received more than one Verbal Warning. 17 Written Notices were issued. 2 sites received more than one Written Notice. 12 referrals were made to ESD. Building Inspectors issued a total of 79 notices to construction sites either requiring adjustments to the superintendent's performance or noting compliance with guidelines after a previous notice was delivered. Currently, stormwater inspections are done during the course of routine building inspections. The outcomes are tracked only if an inspection results in a stormwater issue identified that warrants follow-up. ESD Watershed Enforcement inspectors investigated 68 active construction sites for a total of 272 inspections. Throughout the season, ESD issued 124 Verbal Warnings, 47 Written Notices, and 14 Administrative Citations (fines).	ESD, PW, PBCE

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
CON 5.C.	Evaluate the feasibility of increasing the # of staff with the authority to issue enforcement actions.	FY 03-04	Done FY 03-04.	ESD, PW
CON 6	Municipal Training 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.	Revise training curriculum to incorporate revised notice and follow-up requirements and graduated levels of enforcement Develop training materials to address wet season construction and housekeeping Develop training materials to address dry season construction and housekeeping	Done FY 02-03	Done FY 02-03.	ESD, PW
CON 6.B.	Develop training schedule and staff feedback plan regarding inspection procedures.	Done FY 02-03	Done FY 02-03.	ESD, PW
CON 6.C.	Conduct training for Public Works, ESD, and Building Inspection staffs on new standard operating procedures for erosion control plan review inspection process (at least once every 2 years) Conduct training of Planning, Building & Code Enforcement-Building Division inspectors regarding housekeeping BMPs Train DPW & PBCE inspectors on new SOPs for inspection during wet season Train DPW & PBCE inspectors on new SOPs for inspection during dry season	Ongoing	Done. See Section 12.D: <i>Municipal Training Summary</i>	Program, Regional Water Quality Control Board, ESD, PW, PBCE
CON 6.D.	Track and document that inspectors have received training.	Annually	Done. See Section 12.D: <i>Municipal Training Summary</i>	ESD
CON 6.E.	Evaluate the training curriculum and frequency and improvements, as necessary.	Annually	The training curriculum and frequency were satisfactory. More than 14 sessions were held on construction inspection. Strong emphasis on "keeping mud out of the streets" was again stressed during the training of city construction inspectors.	ESD, PW, PBCE
CON 7	Outreach The City provides outreach materials to contractors, developers, and municipal staff on construction BMPs and compliance with the State General Construction Activity Storm Water Permit.			
CON 7.A.	Review outreach/technology transfer materials and make improvements, as necessary	Annually	Done. Construction BMP information tri-folds in Spanish and Vietnamese were printed and distributed as needed in trainings and in permanent displays in City Hall.	ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
			Distribution quantities are captured in 11.D: <i>Outreach Materials Distributed</i> . References to the General Construction Activities Stormwater Permit were updated to reflect the new requirement that project sites that disturb a total of 1 acre or more need to apply (reduced down from 5 acres).	
CON 7.A.1	Develop outreach materials to address wet season construction.	Done FY 02-03	Done FY 02-03.	
CON 7.B.	Review SOPs for distributing outreach/technology transfer material by inspectors.	Done FY 02-03	Done FY 02-03.	ESD
CON 7.C.	Conduct outreach sessions to development community.	Ongoing, Q2	Done and continuing Annually. See 11.D: <i>PIP Activities</i> for details.	ESD, PW
CON 7.D.	Document outreach to development community.	Annually	Done. 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 on 8/31/2004 and 9/14/2004, and at permit service counters. See 11.D: <i>PIP Activities</i> for details.	ESD
CON 7.E.	Evaluate outreach program and make improvements, as necessary.	Annually	The City's outreach program is sufficient. 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. During FY 04-05 "Clean Bay Blueprint" was formatted and updated. It will be printed and distributed to developers and city inspectors in FY 05-06. The City also plans on producing signs to be displayed at construction site with the "No Dumping and 945-3000 Telephone Hotline" message for site employees and the public to see. Signs will be procured and distributed to developers during FY 05-06. The City will review key BMP materials and make changes as needed in FY 05-06.	ESD, PW, PBCE
CON 8	Public Works Projects 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.	Develop & conduct training for Public Works capital improvement project staff (Architectural Engineering Design & Construction and Streets, Bridges & Sewers Design and Construction) on contract language & enforcement.	Done FY 02-03 Annually	Done. Training was developed and conducted on 12/09/04. See Section 12.D: <i>Municipal Employee Training Summary</i>	ESD, PW
CON 8.B.	Track the number of Public Works projects with these requirements.	Annually	Done. Tracked number of Public Works capital improvement projects to ensure erosion and sediment	ESD, PW

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
			control language was included. Records are on file.	
CON 9	Construction Inspection Effectiveness Evaluation 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.	ESD, PW
CON 9.B.	Document and evaluate what worked well and what needs improvement.	Annually	<p>The communications and cooperation amongst Public Works, PBCE Building, and ESD Watershed Enforcement inspectors worked well. The citywide construction inspector's trainings held October 13-15, 2004, and the monthly citywide construction supervisors meetings played a big part in this improvement. The City will continue to conduct the inspector's training and hold supervisors meetings during FY 05-06.</p> <p>PW (TDS) inspectors continue to observe housekeeping problems at private development sites. Some of the problems include:</p> <ul style="list-style-type: none"> • No cover on dirt stockpile/dumpsters • Inadequate inlet protection • Inadequate maintenance of gravel construction entrances • Inadequate maintenance of perimeter protection • Tracking of dust and mud on public streets <p>City inspectors will continue to work with developers to ensure effective BMPs are implemented to prevent these housekeeping issues.</p>	ESD, PW, PBCE

5.B CON Program Evaluation

Several things worked well during the construction inspection process for FY 04-05. Included below is a list of activities the City implemented to improve the construction inspection program.

First, the City retained a consultant to design and deliver erosion and sediment control training for city construction inspectors. Approximately 113 inspectors attended the October 13-15, 2004 training from PBCE Building, Public Works (for both private development and public projects) and ESD Watershed Enforcement. The training emphasized effective BMPs contractors/developers should implement to prevent stormwater runoff pollution at construction sites. The trainer showed pictures contrasting effective and ineffective BMPs. Also, the City's Standard Operating Procedure on Construction Inspections was discussed in detail by ESD staff. The training was very successful based on feedback from City staff that attended.

Second, ESD assigned inspectors to a specific region of the City to handle the larger grading projects. Communications between inspectors from ESD, PW, and Building was much better, resulting in improved transfer of information as construction projects moved from one phase to the next.

Third, Public Works Roads and Bridges instituted a practice of including a separate pay item in bids for erosion and sediment control. Contractors are now paid for implementing erosion and sediment control BMPs. This has proven to be highly effective for motivating contractors to implement BMPs at construction sites.

Fourth, prior to the early start of the rainy season ESD inspectors conducted pre-season inspections on 15 public and 24 private construction sites. The sites were selected based upon the size of the project, past history of compliance, potential for impact on nearby streams, and project location limitations that could compromise erosion and sediment control.

Implementation of BMPs by contractors, and education and enforcement by City inspectors are considered adequate. Inspectors continue to be vigilant in observing site conditions for erosion and sediment control problems. In spite of these efforts some problems continue to exist. For example, PW (TDS) inspectors found the following housekeeping issues during FY 04-05: no cover on dirt stockpile and dumpsters; inadequate inlet protection; improper maintenance of gravel construction entrances; improper maintenance of perimeter protection; improper installation of perimeter protection; and tracking of dust and mud on public streets. City inspectors will continue to work closely with contractors to reduce these types of problems during FY 05-06.

5.C CON Response to Water Board Comments

No comments received from Water Board on this Program Element.

5.D CON Summary Tables

**Permits for Significant Development Projects
Reviewed and/or Approved July 1, 2004 – June 30, 2005**

PROJECT NAME	PROJECT TYPE	SITE SIZE (Ac OR S.F.)	AREA OF LAND DISTURBED (Ac)	PROJECT STATUS	STORM WATER CONTROL MEASURES INCLUDED IN PROJECT	REQUIREMENT MECHANISM
Department of Public Works, Airport Division						
Public Projects						
Runway 30L Extension	Runway	16 Ac	16 Ac	Completed	Standard Construction Best Management Practices (BMPS) including sediment and erosion control	Silt fencing, sandbags, filter fabric, etc.
North Concourse – Package One	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.
Department of Public Works, Transportation & Development Services Division						
Private Projects						
COURT YARD GRADING	Non-Residential	6.25 Ac	0.43 Ac	Construction not Started	Standard BMPs	Planning/grading permits, Follow BMPs
CONSTRUCT 3,870 S.F. ENCLOSED TEST TOWER	Non-Residential	5.20 Ac	0.28 Ac	Construction not Started	Standard BMPs	Planning/grading permits, Follow BMPs
RUSSO COURT TOWNHOMES	Residential	0.96 Ac	0.96 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow BMPs
GRADING FOR A TENANT IMPROVEMENT	Commercial	2.00 Ac	0.25 Ac	Construction Completed	Standard BMPs	Planning/grading permits, Follow BMPs
100 CONDO UNITS	Residential	4.30 Ac	4.30 Ac	Grading On-going	Stabilized construction entrance, fiber rolls, inlet protection,	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
VENETIAN TERRACE - INTERIM GRADING FOR C-LOMR	Residential	4.76 Ac	0.72 Ac	Construction not Started	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training

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TO DEMOLISH A 22,000 SF BUILDING AND REPLACE WITH SURFACE PARKING AND NEW LANDSCAPING	Non-Residential	17.70 Ac	0.80 Ac	Construction not Started	Standard BMPs	Planning/grading permits, Follow BMPs
CONSTRUCTION OF 107 SINGLE FAMILY DETACHED RESIDENCES.	Residential	13.70 Ac	13.70 Ac	Grading On-going	Stabilized construction entrance, fiber rolls, inlet protection,	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
ON SITE GRADING FOR 53 SINGLE FAMILY UNITS	Residential	8.60 Ac	8.60 Ac	Grading On-going	Stabilized construction entrance, fiber rolls, inlet protection,	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
ALMADEN RD APTS.	Residential	4.96 Ac	4.96 Ac	Grading On-going	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan
GRADING FOR (N) RETAINING WALL LEVELING	Non-Residential	0.63 Ac	0.63 Ac	Construction not Started	Standard BMPs	Planning/grading permits, Follow BMPs
FOR TEMPORARY HELIPAD AREA ONLY.	Temporary Helipad	0.50 Ac	0.50 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow BMPs
NEW 12,624 SF WAREHOUSE WITH OFFICE	Non-Residential	0.54 Ac	0.54 Ac	Construction not Started	Standard BMPs	Planning/grading permits, Follow BMPs
ON-SITE GRADING ADJACENT TO ALEXANDER AVENUE	Cemetery	1.65 Ac	0.25 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow BMPs
NEW HOUSE ON VACANT LOT	Residential	0.25 Ac	0.10 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow BMPs
INDUSTRIAL BUILDINGS	Non-Residential	11.55 Ac	11.55 Ac	Grading On-going	Stabilized construction entrance, concrete blocks wrapped in fabric at drain gate, fiber rolls, drop inlet sediment traps	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training

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PROJECT NAME	PROJECT TYPE	SITE SIZE (Ac OR S.F.)	AREA OF LAND DISTURBED (Ac)	PROJECT STATUS	STORM WATER CONTROL MEASURES INCLUDED IN PROJECT	REQUIREMENT MECHANISM
GRADING FOR PROPOSED TARGET STORE & COMMERCIAL /RETAIL BLDGS.	Commercial	14.20 Ac	14.00 Ac	Under Construction (Grading Completed)	Stabilized construction entrance, fiber rolls, inlet protection,	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
GRADING FOR A COMMERCIAL BUILDING	Commercial	0.53 Ac	0.50 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow BMPs
PHASE II B GRADING	Non-Residential	8.80 Ac	1.32 Ac	Construction Completed	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan
ON SITE GRADING FOR A 148 UNIT APARTMENT COMPLEX	Residential	1.99 Ac	1.99 Ac	Under Construction (Grading Completed)	Stabilized construction entrance, fiber rolls, inlet protection,	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
PARTIAL SITE GRADING FOR SOIL REMEDIATION	Residential	0.60 Ac	0.60 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow BMPs
GRADING FOR 3 SINGLE FAMILY DETACHED RESIDENCES ON 0.827 GROSS ACRE SITE.	Residential	0.82 Ac	0.41 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow BMPs
CONSTRUCT ENGINEERED FILL FOR FUTURE SWIMMING POOL AT FRONT OF SINGLE FAMILY RESIDENCE. EXIST. RET WALL TO BE DEMOLISHED AND REPLACED WITH A FILL SLOPE.	Residential	1.76 Ac	0.11 Ac	Grading On-going	Standard BMPs	Planning/grading permits, Follow BMPs
GRADING ON PARCEL 1 FOR COMMERCIAL BUILDINGS	Commercial	4.90 Ac	4.90 Ac	Under Construction (Grading Completed)	Stabilized construction entrance, fiber rolls, inlet protection,	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
REMOVAL OF CONTAMINATED SOIL FROM SITE AND DISPOSAL AT NINE PAR LANDFILL.	Non-Residential	1.88 Ac	0.40 Ac	Project Accepted	Standard BMPs	Planning/grading permits, Follow BMPs
GRADING FOR TRACT 9664	Residential	0.44 Ac	0.44 Ac	Grading On-going	Standard BMPs	Planning/grading permits, Follow BMPs

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GRADING PERMIT FOR NEW COMMERCIAL BUILDING	Commercial	0.40 Ac	0.40 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow BMPs
construction of a new 11,632 square foot office building for an existing warehouse operation	Commercial	4.70 Ac	0.75 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
THE SYCAMORE 445 UNITS (APN 97-07-88 & 90) NORTH PARK BUILDING D AND AA	Residential	7.57 Ac	7.57 Ac	Grading On-going	(N/A - Construction not Started)	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
PARKING LOT EXPANSION	Non-Residential	0.84 Ac	0.25 Ac	Construction not Started	Standard BMPs	Planning/grading permits, Follow BMPs
CONSTRUCTION OF 12 SFR UNITS	Residential	1.48 Ac	1.48 Ac	Construction Completed	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan
SITE GRADING FOR TWO NEW RETAIL BUILDINGS AND PARKING LOT	Retail Buildings	1.98 Ac	1.98 Ac	Grading On-going	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan
FILL 40 CY FOR 3,397 S.F. PROF. CTR.	Non-Residential	0.20 Ac	0.20 Ac	Construction not Started	Standard BMPs	Planning/grading permits, Follow BMPs
GRADING PLAN FOR CUNNINGHAM COURT - TRACT NO. 9527	Residential	1.44 Ac	0.85 Ac	Under Construction (Grading Completed)	Sediment trap, fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
CHEVRON GAS STATION	Commercial	0.70 Ac	0.70 Ac	Construction Completed	Standard BMPs	Planning/grading permits, Follow BMPs
RETROACTIVE PERMIT TO ADDRESS GRADING ACTIVITY ON SITE (STOCKPILING OF DIRT FROM THE WOODS (3-04600) AND ANOTHER PROJECT IN LOS GATOS).	Non-Residential	38.8 Ac	0 Ac	Construction not Started	(N/A - Construction not Started)	Planning/grading permits, Follow SWPPP & Erosion Control Plan

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PROJECT NAME	PROJECT TYPE	SITE SIZE (Ac OR S.F.)	AREA OF LAND DISTURBED (Ac)	PROJECT STATUS	STORM WATER CONTROL MEASURES INCLUDED IN PROJECT	REQUIREMENT MECHANISM
GRADING FOR 16 COMMERCIAL CONDOS, H04-015.	Commercial Condominiums	1.88 Ac	1.88 Ac	Construction Completed	Stabilized construction entrance, fiber rolls, inlet protection,	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consulta nt/contractor attend PW Erosion/Sediment Controls Training
ROUGH GRADING PLAN FOR SAN JOSE MARKET CENTER PROJECT AT COLEMAN AND TAYLOR	Non-Residential	39 Ac	33 Ac	Grading On-going	(N/A- Retroactive permit)	Planning/grading permits, Follow SWPPP & Erosion Control Plan
24 LOT COMMERCIAL DEVELOPMENT	Commercial	38.28 Ac	0 Ac	Grading On-going	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consulta nt/contractor attend PW Erosion/Sediment Controls Training
TO ALLOW GRADING FOR 265 SINGLE- FAMILY ATTACHED RESIDENTIAL UNITS. APPROVED GRADING MYLARS PLANS ARE WITH MACKAY & SOMPS	Residential	4.21 Ac	4.21 Ac	Under Construction (Grading Completed)	Stabilized construction entrance, fiber rolls, inlet protection,	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consulta nt/contractor attend PW Erosion/Sediment Controls Training
PHASE II GRADING FOR CAHILL SOUTH. TRACT 9597 - 11 LOTS WITH 100 CONDO UNITS.	Residential	6.57 Ac	6.57 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan
6 UNIT CONDO	Residential	0.26 Ac	0.26 Ac	Construction not Started	Standard BMPs	Planning/grading permits, Follow BMPs
1 NEW SFR	Residential	0.20 Ac	0.10 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow BMPs
DELMAS PARK – APARTMENTS W/RETAIL ON THE GROUND FLOOR	Residential	0.80 Ac	0.80 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow BMPs
GRADING FOR TRACTS 9682 AND 9683	Residential	14.07 Ac	14.07 Ac	Grading On-going	Stabilized construction entrance, inlet protection, silt sacks, fiber rolls, flow diversion berm	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consulta nt/contractor attend PW Erosion/Sediment Controls Training

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PROJECT NAME	PROJECT TYPE	SITE SIZE (Ac OR S.F.)	AREA OF LAND DISTURBED (Ac)	PROJECT STATUS	STORM WATER CONTROL MEASURES INCLUDED IN PROJECT	REQUIREMENT MECHANISM
CONSTRUCTION OF 40 CONDO UNITS AND A TWO STORY GARAGE AT GRADE.	Residential	1.12 Ac	1.12 Ac	Under Construction (Grading Completed)	Stabilized construction entrance, fiber rolls, inlet protection,	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
LOT 39 GRADING FOR CUSTOM LOT	Residential	3.42 Ac	0.76 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow BMPs
NEW SFR	Residential	0.55 Ac	0.18 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow BMPs
3-14058G	Residential	1.60 Ac	.27 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow BMPs
TRACT NO. 9630 - ON SITE GRADING FOR 20 TOWNHOMES	Residential	1.1 Ac	1.1 Ac	Grading On-going	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan
DEMOLITION OF EXISTING RELIGIOUS BUILDINGS ON SITE. CONSTRUCTION OF 12,255 SF RELIGIOUS BUILDING.	Church	2.00 Ac	2.00 Ac	Grading On-going	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan
THIS PERMIT IS FOR THE 2ND PHASE OF GRADING TO COMPLETE THE STREET LAYOUTS AND FINAL PADS.	Residential	264 Ac	44 Ac	Grading On-going	Stabilized construction entrance, sediment barrier, check dam, straw wattles, silt fence	Planning/grading permits, Follow SWPPP & Erosion Control Plan
ROUGH GRADING PERMIT FOR BLOCK 7 PODIUM BUILDING	Residential	1.30 Ac	1.30 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan
NEW SFR	Residential	0.33 Ac	0.25 Ac	Under Construction (Grading Completed)	Stabilized construction entrance, fiber rolls	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training

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PROJECT NAME	PROJECT TYPE	SITE SIZE (Ac OR S.F.)	AREA OF LAND DISTURBED (Ac)	PROJECT STATUS	STORM WATER CONTROL MEASURES INCLUDED IN PROJECT	REQUIREMENT MECHANISM
CONCRETE CRUSHING AREA	Commercial	1.70 Ac	1.70 Ac	Construction not Started	Stabilized construction entrance, sediment trap	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
NEW SFR	Residential	0.49 Ac	0.14 Ac	Construction not Started	Stabilized construction entrance, fiber rolls, inlet protection	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
SILVER CREEK BUSINESS CENTER	Non-Residential	7.22 Ac	7.22 Ac	Grading On-going	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan
INDUSTRIAL CONDO	Industrial Condominiums	4.80 Ac	4.80 Ac	Grading On-going	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan
RESIDENTIAL	Residential	0.79 Ac	0.79 Ac	Construction not Started	Standard BMPs	Planning/grading permits, Follow BMPs
47 SFDR UNITS	Residential	5.39 Ac	5.39 Ac	Grading On-going	Stabilized construction entrance, fiber rolls, straw mulch, inlet protection, silt fence	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
GRADING FOR CITY HEIGHTS PROJECT	Residential	0.85 Ac	0.77 Ac	Grading On-going	Standard BMPs	Planning/grading permits, Follow BMPs
GRADING FOR TRACT 9644	Residential	12.44 Ac	12.44 Ac	Grading On-going	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
STOCKPILE GRADING PERMIT	Residential	3.50 Ac	1.60 Ac	Construction not Started	(N/A - Construction not Started)	Planning/grading permits, Follow SWPPP & Erosion Control Plan

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PROJECT NAME	PROJECT TYPE	SITE SIZE (Ac OR S.F.)	AREA OF LAND DISTURBED (Ac)	PROJECT STATUS	STORM WATER CONTROL MEASURES INCLUDED IN PROJECT	REQUIREMENT MECHANISM
CONSTRUCTION OF 26 SINGLE FAMILY DWELLINGS	Residential	7.02 Ac	7.02 Ac	Under Construction (Grading Completed)	Stabilized construction entrance, fiber rolls, inlet protection,	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
GRADING FOR TRACT 9494	Residential	0.45 Ac	0.45 Ac	Grading On-going	Standard BMPs	Planning/grading permits, Follow BMPs
TEMPORARY PARKING LOT FOR SOBRATO USE.	Parking Lot	0.27 Ac	0.27 Ac	Construction not Started	Standard BMPs	Planning/grading permits, Follow BMPs
GRADING FOR TRACT 9464	Residential	0.62 Ac	0.62 Ac	Construction not Started	Stabilized construction entrance, fiber rolls, inlet protection,	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
AVBASE	Non-Residential	4.90 Ac	0.20 Ac	Grading On-going	Standard BMPs	Planning/grading permits, Follow BMPs
GRADING FOR HOLY CROSS ROMANIAN ORTHODOX CHURCH	Church	0.27 Ac	0.27 Ac	Construction not Started	Standard BMPs	Planning/grading permits, Follow BMPs
8-UNIT COMMERCIAL OFFICE CONDO	Office Condominiums	1.04 Ac	1.04 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan
GRADING FOR TRACT 9685 - TAMIEN PLACE (ALMA BOWL)	Residential	3.18 Ac	3.18 Ac	Construction not Started	Stabilized construction entrance, fiber rolls, sediment trap, silt fence	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
CRY OUT CHRISTIAN FELLOWSHIP	Non-Residential	1.62 Ac	1.47 Ac	Construction not Started	Stabilized construction entrance, straw wattles at perimeter, inlet protection	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
SITE GRADING AND EROSION CONTROL FOR THE UNDERGROUND GARAGE AND 160 CONDO UNITS. AKA JACKSON SQUARE	Residential	2.34 Ac	2.34 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan

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GRADING FOR A DUPLEX	Residential	0.14 Ac	0.14 Ac	Grading On-going	Standard BMPs	Planning/grading permits, Follow BMPs
PROPOSED DEVELOPMENT OF A SINGLE FAMILY RESIDENCE ON 2.093 ACRE SITE ON THE EAST SIDE OF SIERRA ROAD.	Residential	2.09 Ac	2.09 Ac	Construction not Started	Stabilized construction entrance, straw wattles, sediment filter, inlet protection, silt fence	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
FOR 6 LOTS	Residential	0.46 Ac	0.46 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow BMPs
8 NEW SFR	Residential	1.74 Ac	1.74 Ac	Grading On-going	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
LONGS DRUGSTORE	Non-Residential	0.95 Ac	0.90 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow BMPs
GRADING FOR 2 LOT SUBDIVISION	Residential	0.64 Ac	0.39 Ac	Construction not Started	Standard BMPs	Planning/grading permits, Follow BMPs
5 NEW SFR DETACHED	Residential	0.32 Ac	0.32 Ac	Under Construction (Grading Completed)	Stabilized construction entrance, fiber rolls, inlet protection	Planning/grading permits, Follow SWPPP & Erosion Control Plan
NEW 2 STORY COMM L BLDG	Commercial	0.60 Ac	0.60 Ac	Construction not Started	Standard BMPs	Planning/grading permits, Follow BMPs
GRADING FOR SINGLE FAMILY HOME IN GEOHAZARD ZONE	Residential	1.73 Ac	0.48 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan
113 SINGLE FAMILY ATTACHED	Residential	5.12 Ac	5.12 Ac	Grading On-going	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training

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PROJECT NAME	PROJECT TYPE	SITE SIZE (Ac OR S.F.)	AREA OF LAND DISTURBED (Ac)	PROJECT STATUS	STORM WATER CONTROL MEASURES INCLUDED IN PROJECT	REQUIREMENT MECHANISM
NEW SFR ON 3.3 ACRE LOT	Residential	3.34 Ac	1.20 Ac	Grading On-going	Stabilized construction entrance, fiber rolls, silt fence	Planning/grading permits, Follow SWPPP & Erosion Control Plan
GRADING FOR TRACT 9702 - 15 SFDR UNITS	Residential	2.18 Ac	2.18 Ac	Under Construction (Grading Completed)	Stabilized construction entrance, concrete washout area, fiber rolls, inlet protection, silt fence	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
PROPERTY OWNERS APPEARS TO HAVE GRADED PROPERTY IN VIOLATION OF MUNI CODE. THIS PERMIT WILL ALLOW OWNER TO REMOVE ILLEGAL FILL PLACED ON HILLSIDE.	Residential	0.43 Ac	0.43 Ac	Project Accepted	Stabilized construction entrance	Planning/grading permits, Follow SWPPP & Erosion Control Plan
GRADING FOR NEW SFDR	Residential	2.67 Ac	0.50 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
GRADING FOR A NEW SFD ON THE COMBINED 2 PARCELS, REF PLANNING # PRE03-395 & AT04-020	Residential	0.80 Ac	0.60 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow BMPs
GRADING FOR NEW SFDR ON VACANT LOT	Residential	0.47 Ac	0.47 Ac	Under Construction (Grading Completed)	Stabilized construction entrance, check dam, fiber rolls, sediment traps/basins, temporary swales	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
GRADING PERMIT FOR WALGREENS	Commercial	1.10 Ac	1.10 Ac	Under Construction (Grading Completed)	Stabilized construction entrance, fiber rolls, sediment basin, inlet protection, silt fence	Planning/grading permits, Follow SWPPP & Erosion Control Plan, Applicant/developer/consultant/contractor attend PW Erosion/Sediment Controls Training
REMEDATION WORK FOR MINOR ILLEGAL GRADING	Residential	0.58 Ac	0.58 Ac	Under Construction (Grading Completed)	Standard BMPs	Planning/grading permits, Follow BMPs
MINOR GRADING FOR PARKING LOT RENOVATION	Non-Residential	0.54 Ac	0.25 Ac	Construction Completed	Standard BMPs	Planning/grading permits, Follow BMPs

PROJECT NAME	PROJECT TYPE	SITE SIZE (Ac OR S.F.)	AREA OF LAND DISTURBED (Ac)	PROJECT STATUS	STORM WATER CONTROL MEASURES INCLUDED IN PROJECT	REQUIREMENT MECHANISM
Department of Public Works, Engineering and Construction Services Division						
Public Projects						
60 Inch Sanitary Interceptor	Sanitary Sewer Construction	1.9 Ac	1.9 Ac	Under construction	SWPPP, BMP (street vacuuming sweeping cleaning, inlet filters, silt fence, hay bails) Gravel access, outdoor material storage protection	Project Plans and Specifications
Department of Public Works, City Facilities and Architectural Services Division						
Public Projects						
Tully Road Ball Park Ph. 3	Recreational	15 Ac	14 Ac	Construction Complete	Construction complete – notice of termination filed	SWPPP
Gardner Community Center	Recreational	5.5 Ac	50,000 SF	Construction Complete	Construction complete – notice of termination filed	SWPPP
Camden Community Center	Recreational	10 Ac	3.3 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
William Cilker Park	Recreational	2 Ac	2.0 Ac	Completed	Construction complete – notice of termination to be filed	SWPPP
Guadalupe River Reach 12 Trail	Recreational	4.6 Ac	4.6 Ac	Construction Complete	Construction complete – notice of termination filed	SWPPP
San Thomas Aquino/Saratoga Creek Trail Reach 6	Recreational	27 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, and training	SWPPP
Guadalupe River Trail at Almaden Lake	Recreational	3.9 Ac	3.9 Ac	Construction Complete	Construction Complete – notice of termination to be filed	SWPPP
Prusch Park Perimeter Landscaping	Recreational	1.75 Ac	1.75 Ac	Construction Complete	Construction complete – notice of termination filed	SWPPP
Edenvale Garden Park	Recreational	1 Ac	1 Ac	Construction Complete	Construction complete – notice of termination to be filed	SWPPP
Berryessa Branch Library	Library	2.54 Ac	2.45 Ac	Construction Complete	Construction complete – notice of termination to be filed	SWPPP
Tully Branch Library	Library	2.0 Ac	1.95 Ac	Under Construction	Construction complete – notice of termination filed	SWPPP

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PROJECT NAME	PROJECT TYPE	SITE SIZE (Ac OR S.F.)	AREA OF LAND DISTURBED (Ac)	PROJECT STATUS	STORM WATER CONTROL MEASURES INCLUDED IN PROJECT	REQUIREMENT MECHANISM
Alum Rock Library	Library	1.75 Ac	1.75 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
Almaden Community Center and Branch Library	Library	5.66 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	Library	1.8 Ac	1.8 Ac	Under Construction	SWPPP in place – storm water controls, material protection, storage, cleaning, erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training	SWPPP
Hillview Branch Library	Library	2.5 Ac	2.5 Ac	Under Construction	SWPPP in place – storm water controls, material protection, storage, cleaning, erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training	SWPPP
Evergreen Branch Library	Library	2.0 Ac	2.0 Ac	Under Construction	SWPPP in place – storm water controls, material protection, storage, cleaning, erosion and sediment controls, soil stabilization, post construction water management, waste management, maintenance, training	SWPPP
San José Redevelopment Agency						
Public Projects						
Responsibility for San José Redevelopment Agency projects was transferred to Public Works						

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6. PSR: Public Streets, Roads, & Highways

6.A PSR Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
PSR 1	Implementation of BMPs 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.	Identify BMPs currently used by staff as well as areas where BMPs still need to be developed per baseline model.	Done	Done prior to FY 02-03.	DOT, ESD
PSR 1.B.	Audit areas beyond the scope of the baseline model.	Done	Done prior to FY 02-03.	DOT, ESD
PSR 1.C.	Develop additional BMPs based on audit results as needed.	Done	Done prior to FY 02-03.	DOT, ESD
PSR 1.D.	Develop SOPs based on BMPs.	Done	Done prior to FY 02-03.	DOT, ESD
PSR 1.E.	Create plan to integrate BMPs and SOPs into training program.	Done	Done prior to FY 02-03.	DOT, ESD
PSR 1.F.	Deleted	Deleted	Deleted prior to FY 02-03.	DOT, ESD
PSR 1.G.	Update BMPs as indicated.	Annually	Done. During DOT annual training, conducted in May 2005, BMPs were reviewed - no updates were found to be necessary. The list of BMPs reviewed included: <ol style="list-style-type: none"> 1. SOP & BMP Annual Effectiveness Reviews 2. Catch Basin Cleaning 3. Spill Response 4. Infrastructure Maintenance Storm Drain System Problem Area Reporting 5. Street Sweeping 6. Resurfacing, Sealing, & Patching 7. Sawcutting 8. Pavement Marking and Legend Removal 9. Landscape Chemical Application 10. Roadway Irrigation System Repair. 	DOT, ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
PSR 1.G.1	1. Review PSR and SDO SOPs and augment as needed.	6/30/05	Done. PSR and SDO SOPs were reviewed in FY 04-05. Several SOPs need to be revised and/or new SOPs written in FY 05-06: <ul style="list-style-type: none"> • Sidewalk/Plaza Maintenance: Cleaning, concrete installation and replacement, surface removal and repair; • Bridge and Structure Maintenance: Painting and paint removal, repair work, and graffiti removal; • Median and Road Embankment Maintenance (SOPs exist for PRNS; expand to DOT); • Storm Drain Line Cleaning; • Management of Storm Drain System Solid Waste; • Pump Station Inspection and Cleaning; • Drainage Ditch Cleaning 	DOT, ESD
PSR 2	Contractor Use of BMPs The City of San José will develop & implement a process to ensure that contractors employed to perform street, road, & highway O&M activities use appropriate BMPs adopted by the agency.			
PSR 2.A.	Contract managers for public street, road, and highway O&M contracts will be trained on related stormwater BMPs annually.	Done FY 02-03 Annually	Done. Training was conducted for DOT contract managers in June 2005. The City received no complaints regarding contractors conducting PSR O&M activities for the City.	DOT, ESD
PSR 2.B	Develop standard contract language for PSR maintenance activities.	6/30/05	Done. Staff drafted stormwater standard contract language for general POs and contracts; POs and contracts which contain pest management activities; and POs and contracts which contain PSR, RPW, and SDO operation and maintenance activities. The language is currently under review by the implementing departments and the City Attorney's Office.	DOT, ESD
PSR 3	City Staff Annual Training 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 by reviewing level of use of BMPs by staff.	Done	Done prior to FY 02-03.	DOT, ESD
PSR 3.B.	Identify training opportunities.	Annually	Done. Training opportunities were identified in April 2005.	DOT, ESD
PSR 3.C.	Create training modules for affected City staff and contractors formatted for available training opportunities.	Done FY 01-02 As needed	Done. A new training module was created and implemented for the DOT electrical crews in June 2005.	DOT, ESD
PSR 3.D.	Create collateral material based on training modules.	Done FY 01-02 As needed	Done. Collateral material, <i>Pesticide Safety Training – Product Information Summaries</i> , was created for the DOT electrical crew training. On occasion, DOT electrical crews have a need to use pesticides in the course of conducting their work – working on electrical boxes, street	DOT, ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
			lights, or underground vaults. The City's IPM policy requires that any employee using a pesticide in the course of conducting their work must receive training on that pesticide. <i>Pesticide Safety Training – Product Information Summaries</i> were created for the two pesticide products that the DOT electrical crews use. Training on these two products was included in the July 9, 2005, DOT Electrical Crew training.	
PSR 3.E.	Schedule training with affected supervisors.	Annually	Done. DOT inlet cleaning crews training was scheduled with supervisors in August 2004. DOT electrical crews training was scheduled with supervisors in May 2005. Training for DOT street maintenance crews was scheduled with supervisors in April 2005.	DOT, ESD
PSR 3.E.1	Improve the focus of the training on the specific BMPs used by a section.	Done FY 03-04 Ongoing as Needed	Done. Using feedback received from the FY 03-04 trainings, two new training modules were developed and implemented in FY 04-05. These modules were tailored to two specific work groups – the DOT inlet cleaning crews and the DOT electrical crews. Existing training for DOT street maintenance crews was scheduled by section, but open to all affected personnel to accommodate individual schedules. At the beginning of each class, the trainer asks staff present which sections they are from and tailors the training to those present.	DOT, ESD
PSR 3.E.2	Develop and implement a new training module specifically for DOT electrician staff.	6/30/05	Done. The new DOT electrical staff training module was developed in May 2005. The training was first implemented in June 2005.	DOT, ESD
PSR 4	Notification of Public Agencies 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 BMPs and Control Measures to reduce pollutants in stormwater to the maximum extent practicable and eliminate illicit discharges.			
PSR 4.A.	Identify conditions under which another agency will be notified of City O&M operations.	Done	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 04-05, 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. No citations were warranted.	ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
PSR 4.B.	Draft notification procedure.	Deferred	Deleted. No separate notification procedure needed.	ESD
PSR 4.C.	Review and comment from internal and external stakeholders.	Deferred	Deleted.	ESD
PSR 4.D.	Distribute final policy to internal & external organizations & agencies.	Deferred	Deleted.	ESD
PSR 5	BMP Effectiveness Reviews 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.			
PSR 5.A.	Draft procedure for annual effectiveness reporting, including sub-procedures for gathering feedback from affected supervisors and for modifications to BMPs & SOPs as necessary.	Done FY 01-02	Done FY 01-02.	DOT, ESD
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.	FY 04-05 Annually	Done. The annual DOT Stormwater BMP and SOP training was conducted in May 2005. Both DOT crews and supervisors attended the training conducted in May. 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 04-05. See 6.B PSR Program Evaluation for the summary of training evaluation data.	DOT, ESD
PSR 5.B.	Review and comment on draft procedure from stakeholders.	Done FY 01-02	Done FY 01-02.	DOT, ESD
PSR 5.C.	Distribute final procedure to stakeholders.	Done FY 01-02	Done FY 01-02.	DOT, ESD
PSR 6	Rural Public Works Maintenance and Support Activities 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.	Done FY 02-03	Done FY 02-03. The initial list of rural public works facilities under the jurisdiction of the City of San José was compiled to include the largest City parks, which were reviewed for the following criteria: 1. Not serviced by an integrated municipal storm drain system; and 2. Not serviced by curbs and gutters; and 3. Contains roads or trails that are intended to be passable for a maintenance vehicle (i.e. 1/2 ton pick up truck or larger)	ESD, PRNS, DOT, GS
PSR 6.A.1	Re-evaluate the feasibility of using GIS information to	6/30/06	First evaluated in 03-04 and found infeasible using	PRNS, GS, DOT, ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
	identify additional applicable properties, if any.		available data and resources. This task will be re-evaluated 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 & maintenance activities.	Annually	Done. Training on the RPW SOPs was conducted in October 2004 for City PRNS staff conducting RPW O&M activities.	PRNS, GS, DOT, 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.	6/30/05	Done. Training was conducted for DOT contract managers in June 2005. The City received no complaints regarding contractors conducting RPW O&M activities for the City.	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.	Begin w/ FY 03-04 Annually	The RPW BMPs and SOPs training was conducted in October 2004. Feedback was requested during the training, and evaluations were distributed. The feedback indicated that no modifications to the BMPs and SOPs were necessary. See 6.B PSR Program Evaluation for the summary of training evaluation data.	PRNS, GS, DOT, ESD

6.B PSR Program Evaluation

ITEM No.	ACTIVITY	FY 04-05 EVALUATION	CHANGES FOR FY 05-06 (IF APPLICABLE)
PSR 3	Annual training of municipal staff in the use of appropriate BMPs. Provide a mechanism for obtaining feedback from staff on the implementation and effectiveness of the BMPs and Control Measures.	<p>Annual municipal staff training was held in May 2005 for the PSR and SDO program elements. Participants were given an evaluation form to fill out. Of the 161 staff that participated in the training, 97 evaluations were completed and returned. Results of the completed evaluations are summarized below:</p> <ul style="list-style-type: none"> ➤ 96% responded that the training subjects taught are appropriate to their work ➤ 95% 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 ➤ 94% responded that the training adequately explained how they, City staff, can help the City maintain compliance with the Stormwater NPDES permit <p>Specific training was held for the DOT electrical crews on June 9, 2005. Participants were given an evaluation form to fill out. Of the 16 staff that participated in the training, 14 evaluations were completed and returned. Results of the completed evaluations are summarized below:</p> <ul style="list-style-type: none"> ➤ 86% 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 ➤ 100% responded that the training adequately explained how they, City staff, can help the City maintain compliance with the Stormwater NPDES permit 	Add specific components from DOT Electrical Crew module to the General DOT Street Crew module in FY 05-06. These components include: asphalt/concrete removal, concrete installation and repair, and mercury lamp recycling and/or disposal.
PSR 5	Annually the City will review and evaluate the effectiveness of its BMPs in reducing pollutants in	BMP effectiveness is evaluated using staff feedback gathered from training sessions. See evaluation	The City anticipates expanding the areas in which parking restrictions are enforced for street sweeping

ITEM No.	ACTIVITY	FY 04-05 EVALUATION	CHANGES FOR FY 05-06 (IF APPLICABLE)
	stormwater and eliminating illicit discharges.	<p>above. In addition, the City received no complaints regarding contractors conducting PSR O&M activities for the City.</p> <p>The City conducts an extensive Street Sweeping program. The program includes the sweeping of the Central Business District; Arterials, Collectors, and Bicycle Lanes; and Residential Streets. The City is continuing to expand the areas in which parking restrictions are enforced to improve the effectiveness of the street sweeping program. In FY 04-05, the enforcement area was broadened from 120 to 160 curb miles.</p> <p>In FY 04-05, 9,819 tons of material was collected during all street sweeping operations.</p>	by 40 curb miles in FY 05-06.
PSR 6	Annually conduct an evaluation of the effectiveness of the Rural Public Works program.	<p>Training was held in October 2004 in order to train the PRNS staff that had been unable to attend the earlier March 2004 training. Participants were generally positive about the content and relevance of the training session. Of the 29 staff that participated in the training, 23 evaluations were completed and returned. Results of the completed evaluations are summarized below:</p> <ul style="list-style-type: none"> ➤ 91% responded that the training subjects taught are appropriate to their work ➤ 91% responded that the BMPs/SOPs described match their work practices ➤ 91% responded that the training adequately described the relationship of BMPs/SOPs to compliance with the City's Stormwater NPDES permit ➤ 91% responded that the training adequately explained how they, City staff, can help the City maintain compliance with the Stormwater NPDES permit 	RPW training will be scheduled in the Fall each year to better coordinate with PRNS staff schedules.

6.C PSR Response to Water Board Comments

No comments received from Water Board on this Program Element.

6.D PSR Summary Tables / Additional Information

Parks Included in the Rural Public Works Performance Standard

Name of Park	Location	Acreage	Type of Park
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

7. SDO: Storm Drain System Operation & Maintenance

7.A SDO Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
SDO 1	O&M BMP Implementation 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 will be those listed in the City's Work Plan BMPs and Control Measures (Section 3).			
SDO 1.A.	Audit BMPs.	Annually	Done. During DOT annual training, conducted in May 2005, BMPs were reviewed - no updates were found to be necessary. The list of BMPs reviewed included: 1. SOP & BMP Annual Effectiveness Reviews 2. Catch Basin Cleaning 3. Spill Response 4. Infrastructure Maintenance Storm Drain System Problem Area Reporting 5. Street Sweeping 6. Resurfacing, Sealing, & Patching 7. Sawcutting 8. Pavement Marking and Legend Removal 9. Landscape Chemical Application 10. Roadway Irrigation System Repair	DOT, ESD
SDO 1.B.	Implement an annual inspection and cleaning work plan to achieve a Tier 2 level review.	Done Ongoing	Done. 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 05-06, the City's intent is to continue the Tier 2 level review. However, due to budget constraints, the extended window for implementation of Tier 2 may be needed. In FY 04-05, over 28,000 inlets were cleaned between 09/12/2004 and 01/03/2005.	DOT
SDO 1.C.	Create procedure for collecting data on Problem Areas from City field personnel.	Done	Done FY 01-02.	DOT, ESD
SDO 1.D.	Review and revise procedure for collecting data on Problem Areas from City field personnel.	Done FY 01-02	Done FY 01-02.	DOT, ESD
SDO 1.E.	Create plan for coordinating data tracking between ICID & Storm Drain Management System databases. Include analysis of data to identify trends for targeting solutions.	Done FY 01-02	Done FY 01-02.	DOT, ESD
SDO 1.F.	Review and revise plan for coordinating data tracking	Done FY 01-02	Done FY 01-02.	DOT, ESD

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	between ICID & Storm Drain Management System databases. Include analysis of data to identify trends for targeting solutions.			
SDO 1.G.	Develop SOPs based on BMPs.	Done	Done 12/00.	DOT, ESD
SDO 1.G.1	Staff will review PSR and SDO SOPs and augment as needed.	6/30/05	Done. See comments in PSR 1.G.1.	DOT, ESD
SDO 1.H.	Create any additional required BMPs, including structural controls.	Ongoing as Needed	Done 12/00.	DOT, ESD
SDO 1.I.	Develop SOPs based on BMPs and other programs or solutions identified by database analysis including revision of Problem Area list.	Ongoing as Needed	Done 12/00.	DOT, ESD
SDO 1.J.	Create plan integrating BMPs and SOPs into training program.	Ongoing as Needed	Done 12/00.	DOT, ESD
SDO 1.K.	Allocate appropriate resources for supporting work plan	Deleted FY 03-04	Deleted.	N/A
SDO 2	Problem Tracking and Process Improvement			
	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.	Determine reporting requirements, including tracking Problem Areas.	Done	Done. DOT compiles a Problem Area Report annually.	DOT, ESD
SDO 2.B.	Create criteria for collecting data from City field personnel for the purposes of determining Problem Areas.	Done	Done. In FY 04-05, the inlet cleaning data collection form was revised. Specific criteria were included in order to obtain more quantifiable data from the cleaning crews. Training on the new form and criteria was conducted on September 8, 2004, prior to the crews starting the inlet cleaning program.	DOT, ESD
SDO 2.C.	Develop procedures for documenting frequency, nature, and type of recurring problem. Coordinate the data from ICID & Storm Drain Management System databases.	Done	Done prior to FY 02-03.	DOT, ESD
SDO 2.D.	Create procedure for data reports to be used to update Problem Area list. Include process and criteria for analyzing ICID trends.	Done FY 01-02	Done FY 01-02.	DOT, ESD
SDO 2.E.	Revise documentation and problem area reporting procedure to improve reporting performance.	As Needed	Done. In September 2004, new data collection criteria were developed for the Storm Inlet Cleaning Form. The new criteria were as follows: <ul style="list-style-type: none"> ➤ <u>High Debris</u> in excess of 3' in depth – This amount of debris can include leaves, lawn clippings, dirt and other natural debris ➤ <u>Garbage</u> in excess of a grocery shopping bag – This includes paper, bottles, cans, and other man-made waste. 	DOT, ESD

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			<ul style="list-style-type: none"> ➤ <u>Illicit pollution</u> – concrete, oil, antifreeze, paint etc. that appear to have been intentionally dumped into the inlet ➤ Any <u>other</u> abnormality that crews felt should be noted. Using GIS, the data collected was mapped and reviewed for trends and improvements to the inlet cleaning program for FY 05-06.	
SDO 2.F.	Produce Problem Area report.	Annually	Done. The FY 04-05 Infrastructure Maintenance Division Storm Drain System Problem Area Report (IMSPAR) was produce in March 2005.	DOT
SDO 2.G.	Create plan for addressing Problem Areas through ICID enforcement/ education activities, additional BMP development, program development or retrofit.	Done FY 02-03	Done FY 02-03. See 7.B SDO Program Evaluation for FY 04-05 Problem Area report evaluation.	DOT, ESD
SDO 2.H.	Implement work plan	Deleted FY 03-04	Deleted.	N/A
SDO 3	Contractor Use of BMPs			
	All City SDO O&M is conducted in-house, and City staff receives BMP/SOP training annually. The only time storm drain maintenance might be contracted out would be for a rare flood emergency situation. The City has standard specifications that cover storm drain BMPs for construction activities.			
SDO 3.A.	Contract managers for storm drain construction contracts will be trained on related stormwater BMPs annually.	Annually	Done. Training was conducted for DOT contract managers in June 2005. The City received no complaints regarding contractors conducting SDO O&M activities for the City.	DOT, ESD
SDO 4	Staff Training and BMP Feedback			
	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.	Identify training goals by reviewing training needs of other performance standards.	Done	Done prior to FY 01-02.	DOT, ESD
SDO 4.B.	Provide training prior to the rainy season.	Annually	Done. DOT Stormwater BMP and SOP training was conducted in May 2005.	DOT, ESD
SDO 4.B.1	Improve the focus of the training on the specific BMPs used by a section.	Done FY 03-04 Ongoing as Needed	Done. Using feedback received from the FY 03-04 trainings, two new training modules were developed and implemented in FY 04-05. These modules were tailored to two specific work groups – the DOT inlet cleaning crews and the DOT electrical crews. Existing training for DOT street maintenance crews was scheduled by section, but open to all affected personnel to accommodate individual schedules. At the beginning of each class, the trainer asks staff present which sections they are from and tailors the training to those present.	DOT, ESD
SDO 4.C.	Create training modules for affected City staff formatted for available training opportunities.	Ongoing as Needed	Done. A new training was conducted for the new storm inlet cleaning data collection criteria on September 8, 2004.	DOT, ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
SDO 4.E.	Produce schedule for training.	Annually	Done. DOT inlet cleaning crews training was scheduled with supervisors in August 2004. DOT electrical crew training was scheduled with supervisors in May 2005. Training for DOT street maintenance crews was scheduled with supervisors in April 2005.	DOT, ESD
SDO 5	Data Analysis 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	Provide specific training to inlet cleaning crews on IMSPAR data collection in advance of inlet cleaning program implementation in FY 04-05.	9/04	Done. Training specific to inlet cleaning crews on IMSPAR data collection was conducted on September 8, 2004, prior to the start of the FY 04-05 storm inlet cleaning program.	DOT, ESD
SDO 5.A.2	Investigate the feasibility of collecting data on the amount of materials removed during inlet cleaning.	6/30/05	Done. The feasibility of collecting data on the amount of materials removed during inlet cleaning was investigated. In August 2004, new data collection criteria were developed for the Storm Inlet Cleaning Form to provide more quantitative information. The new criteria are as follows: <ul style="list-style-type: none"> ➤ <u>High Debris</u> in excess of 3' in depth – This amount of debris can include leaves, lawn clippings, dirt and other natural debris ➤ <u>Garbage</u> in excess of a grocery shopping bag – This includes paper, bottles, cans and other man-made waste. ➤ <u>Illicit pollution</u> – concrete, oil, antifreeze, paint etc. that appear to have been intentionally dumped into the inlet ➤ Any <u>other</u> abnormality that crews felt should be noted. In FY 04-05, the Storm Inlet Cleaning Program removed approximately 1,183 cubic yards of material from the City's storm inlets and catch basins.	DOT, ESD
SDO 5.B.	Include provisions for monitoring of trash as a part of routine outfall inspection.	Evaluated FY 02-03	Done Evaluated in FY 02-03.	DOT, ESD
SDO 5.C.	Review and comment from stakeholders.	Done FY 01-02	Done FY 01-02.	DOT, ESD
SDO 5.D.	Distribute final procedure to stakeholders.	Done FY 02-03	Done FY 02-03.	DOT, ESD
SDO 6	BMP Effectiveness Reviews 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	Done FY 03-04	Done. DOT supervisors attended annual training, where	DOT, ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
	information on how to assess BMP effectiveness.	Annually	evaluations were distributed, to elicit information on BMP effectiveness. Feedback received indicates that the BMPs and SOPs are effective and no modifications were necessary in FY 04-05.	
SDO 6.B	Use annual training sessions with staff as an opportunity to evaluate the effectiveness of BMPs & SOPs.	Annually	Done. DOT Stormwater BMP and SOP training was conducted in May 2005. Both DOT crews and supervisors attended the training conducted in May. 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 BMPs and SOPs are effective and no modifications were necessary in FY 04-05. See 7.B SDO Program Evaluation for the summary of training evaluation data.	DOT, ESD

7.B SDO Program Evaluation

ITEM No.	ACTIVITY	FY 04-05 EVALUATION	CHANGES FOR FY 05-06 (IF APPLICABLE)
SDO 4	Annual training of municipal staff in the use of appropriate BMPs and/or Control Measures. Provide a mechanism for obtaining feedback from staff on the implementation and effectiveness of the BMPs and Control Measures.	See 6.B PSR Program Evaluation, Item No. PSR 3.	Add specific components from DOT Electrical Crew module to the General DOT Street Crew module in FY 05-06. These components include: asphalt/concrete removal, concrete installation and repair, and mercury lamp recycling and/or disposal.
SDO 5	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.	The City reviews data on cleaning activities via the Infrastructure Maintenance Division Storm Drain System Problem Area Report (IMSPAR). The new data collection criteria developed in FY 04-05 for the Storm Inlet Cleaning program worked well. This was the first year that quantifiable data was collected by the inlet cleaning crews. Evaluation of the FY 04-05 IMSPAR data indicates that approximately 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 (~1.7%) – 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.	Upon review of the IMSPAR data, the City identified several potential changes for FY 05-06. Cars on Catch Basins – In response to the IMSPAR report, the City will further evaluate how follow up is conducted by crews when this issue is identified in order to better understand to what extent parked cars are a barrier to cleaning. Garbage/High Debris – The City will evaluate how to integrate the results of the IMSPAR report into scheduling additional cleaning for FY 05-06 and subsequent years. While budget constraints are an important driver for defining the level of effort practicable, the IMSPAR report can focus City efforts in areas where additional inlet cleaning can do the most good. In FY 05-06, the City will also propose to employ hand held devices to collect data during catch basin cleaning and potentially other maintenance

ITEM No.	ACTIVITY	FY 04-05 EVALUATION	CHANGES FOR FY 05-06 (IF APPLICABLE)
		<p>2. High Debris (~1.1%) – debris (leaves, lawn clippings, dirt and other natural materials) in excess of 3 feet deep in catch basin.</p> <p>3. Garbage (~1.0%) – volume of garbage (paper, bottles, cans, and other man-made waste) in excess of a full grocery bag.</p> <p>4. Illicit pollution (~0.1%) – 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.</p> <p>Other problems encountered included roots, construction, silt sacks, and no access to catch basin (grate could not be opened).</p>	activities. Implementation would likely not be completed until FY 06-07.
SDO 6	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.	<p>BMP effectiveness is evaluated using staff feedback gathered from training sessions. See evaluation above in SDO 4.</p> <p>The City received no complaints regarding contractors conducting SDO O&M activities for the City.</p>	No changes anticipated in FY 05-06.

7.C SDO Response to Water Board Comments

No comments received from Water Board on this Program Element.

7.D SDO Summary Tables / Additional Information

No additional information.

8. PM: Pesticide Management

8.A PM Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
PM 1	Integrated Pest Management 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 section stating City IPM policy for inclusion in Pesticide Management Plan.	Done FY 02-03	Done FY 02-03. Pollution Prevention Policy adopted June 24, 2003.	ESD
PM 2	Pesticide Management Plan The City will develop and implement a Pesticide Management Plan that will minimize pesticide use and reduce 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.	Submit plan for City Manager approval.	Done FY 01-02	Done FY 01-02.	ESD
PM 2.C.	Publish City Management Plan in URMP.	Done FY 01-02	Done FY 01-02. The City's Pesticide Management Plan was incorporated into the March 2002 URMP as the Pesticide Management Work Plan.	ESD
PM 3	IPM SOPs and BMPs The City will develop and implement standard operating procedures (SOPs) and best management practices (BMPs) for implementing the IPM Policy			
PM 3.A.	Develop a list of pest specific SOPs & BMPs for implementing IPM policy.	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 & BMPs.	Done FY 02-03	Done FY 02-03. The Pesticide Management Committee (PMC) developed SOPs & BMPs that incorporate IPM measures.	GS, DOT, ESD
PM 3.D.	Update City URMP to incorporate model Pest Management Performance Standard, including description of legal authority (IPM policy & contract language), work plan elements, BMPs, & SOPs needed for implementation.	Done FY 02-03	Done FY 02-03.	ESD
PM 4	City Employee Training The City will ensure that employees receive pest management training by implementing the following: <ol style="list-style-type: none"> 1. Employees who apply pesticides for the City will obtain the appropriate training as required by County Ag. Commissioner and State Department of Pesticide Regulation (DPR); 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; 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. 			

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
	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.			
PM 4.A.	Ensure that employees who apply pesticides for the agency obtain appropriate training required by County Ag. Commissioner & State DPR.	Annually	Done. DOT, GS, and PRNS staff received safety training in January 2005 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 12.D: <i>Municipal Employee Training Summary</i> for summary of attendance.	GS, DOT
PM 4.B.	Provide annual training on IPM Policy, SOPs, and BMPs, and latest IPM techniques to employees within departments responsible for pesticide application. Include in training, annually informing employees who are not authorized / trained to apply pesticides not to use over-the-counter pesticides at workplace, consistent with IPM Policy.	Annually	Done. Training for DOT, GS and PRNS staff was held in January 2005. Training topics included safety, City IPM Policy, SOPs, and BMPs. Notification that untrained staff are not to utilize over-the-counter pesticides in the workplace was provided at the training and in a June 2005 staff notice. IPM policy training was originally developed and incorporated into pesticide applicator training in FY 03-04. The presentation was updated and included in the January 2005 annual applicator training session. See 12.D: <i>Municipal Employee Training Summary</i> for summary of attendance.	GS, DOT, ESD
PM 4.B.1	Develop and integrate an IPM policy (approved June 2003) training into pesticide applicator training.	Done FY 03-04	Done FY 03-04.	GS, DOT, ESD
PM 4.C.	Monitoring Mechanism I.B.1. Document and evaluate effectiveness of staff training conducted each year in annual report.	Annually	Done. 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 04-05, an evaluation/survey for class participants was updated and used for IPM training conducted in January 2005. The results were compiled and will be used to implement improvements for the next training. See 8.B PM Program Evaluation for a summary of evaluation results.	GS, DOT, ESD
PM 4.C.1	Develop and implement a class evaluation/survey for IPM training classes conducted by City staff.	Done FY 03-04	Done FY 03-04.	GS, DOT, ESD
PM 4.D.	Public Education & Outreach Task II.A.14 Conduct internal outreach on less toxic pest control to 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).	Annually	This message was included in the January 2005 IPM training and the May 2005 DOT Stormwater BMP and SOP training. Approximately 300 employees combined attended the trainings. IPM was the focus of a pollution prevention article that	ESD

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			appeared in the Spring 2005 "ESD Connections" newsletter. The article focused on personal responsibility, and offered several ways for City employees to prevent pollution at home and at work. ESD also hosted a Brown Bag presentation on IPM safer alternatives to pesticide use (See 12.D: Municipal Employee Training Summary). GS issued email to facility contacts as a reminder that untrained personnel are not allowed to use over the counter pesticides and provided IPM tips for pest control and prevention.	
PM 5	<p>Contractor Pesticide Management Requirements</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"> ▪ follow City IPM policy, BMPs, and SOPs; ▪ provide evidence of current IPM training, when feasible; and provide documentation of pesticide use on City property to the City in a timely manner. 			
PM 5.A.	Develop and implement a process to ensure contractors employed to conduct pest control/pesticide application on municipal property engage in methods consistent with City IPM policy.	Ongoing	<p>Done. Process initially developed for structural pest control contracts in FY 02-03 with implementation beginning in FY 03-04. Specifications for structural pest control contracts written in FY 03-04 and FY 04-05 required IPM methods to be used on City property in a manner consistent with the City's IPM policy. Requests for Quotations (RFQs) released for services to be provided in FY 05-06 also included copies of the City's IPM policy, SOPs and BMPs. Compliance is monitored through review of monthly reports and communication with contractors.</p> <p>Current landscape contractors have been provided with copies of the City IPM policy, SOPs, and BMPs. Compliance is monitored by inspection and monthly reports. Future requests for proposals/quotations will include relevant specifications and the SOPs, BMPs, and the IPM policy as attachments.</p>	GS, DOT, ESD, PRNS, PW, RDA
PM 5.B.	Develop a list of all contractors employed by the City who perform pest application work.	Done FY 01-02	Done FY 01-02.	GS, DOT, ESD, PRNS, PW, CAE, RDA
PM 5.B.1	Review and update list of contractors.	Annually	Done. Contractor list was updated in FY 04-05.	GS, DOT, ESD, PRNS, PW, CAE, RDA
PM 5.C.	Implement a procedure to provide to each contractor a copy of the City IPM policy developed in Activity 2.A. above	Done FY 02-03	Done FY 02-03. Implementation is ongoing.	GS, DOT, ESD, PRNS, PW, CAE, RDA
PM 5.D.	Identify pest specific SOPs and BMPs, developed in Activity 3.B above, that are appropriate in each contractor's case.	Ongoing	Existing structural pest control and landscape maintenance contractors were provided copies of pest specific SOPs and BMPs.	GS, DOT, ESD, PRNS, PW, CAE, RDA

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PM 5.D.1	For agreements prior to FY 04-05 contract managers will request and review contractor BMPs and SOPs for conformance with City standards.	Begin FY 04-05 Ongoing	one. Structural pest control contract managers have provided contractors with City SOPs and BMPs and requested that contractors notify the contract manager if they are unable to comply. To date, no contractor has indicated an inability to comply. Contract managers did not request and review contractor BMPs and SOPs as planned due to the resources required to carryout the task. Contract managers intend to continue to request that contractor's self-certify their compliance with the City SOPs and BMPs for agreements established prior to FY 04-05 rather than perform a full review of contractor BMPs and SOPs.	GS, DOT, ESD
PM 5.D.2	Contractors will be supplied with copies of pest specific BMPs and SOPs. If contractors want to use their own BMPs and SOPs, they must submit them in writing to the contract manager. The contract manager must then review and approve the contractor's BMPs and SOPs for conformance with the City's IPM policy, BMPs and SOPs.	Begin FY 04-05 Ongoing	Structural and landscape maintenance contractors were provided with copies of the pest specific BMPs and SOPs. No contractor has indicated an inability to comply with City SOPs and BMPs. Nor has any contractor submitted a request to use their own BMPs and SOPs.	GS, DOT, ESD
PM 5.E.	Require City contracted PCOs to implement appropriate BMPs through contract specifications.	Deleted FY 04-05 See PM 5.F	Deleted FY 04-05.	GS
PM 5.F.	Require through contract specifications that PCOs contracted for municipal applications 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	Ongoing. IPM language is included in City PCO contract specifications – however, contract language is not uniform among the contracts. In FY 04-05, all PCO contracts required documentation of pesticide use on City property in a timely manner. To remedy this, in FY 04-05, the Pesticide Management Committee developed standard content for contract/specification language. Pending approval, standard content will be included in landscape and pest control RFQs in FY 05-06.	GS
PM 5.G.	Monitoring Mechanism III.A.1. Document numbers of PCOs receiving presentations and/or training on pesticide use by PCOs on municipal property.	Annually	Done. In FY 04-05, the City retained two PCOs for the City's facilities/structural pest control needs. One PCO attended the Regional IPM Conference. The other PCO has management staff within the County IPM Board.	GS, ESD
PM 6	Pesticide Management Outreach The City will identify 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.			
PM 6.A.	Increase awareness of IPM so target audiences recall less toxic pest management messages and adopt IPM	Annually	Done. See 11.D: <i>PIP Activities</i> for details.	ESD

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	behaviors. Target audiences include residential pesticide users, professional pest control businesses, customers of professional pest control businesses, pesticide retailers, school districts, and other special districts.			
PM 6.B.	Prepare IPM stories and press releases to local media.	Annually	This activity is typically done in collaboration with the Program or BASMAA, but was not done in FY 04-05. BASMAA planned to issue an IPM press release but decided to postpone until a significant media worthy issue arises, such as the Diazinon and Toxicity TMDL. BASMAA Media Relations plans to do a press release in FY 05-06.	ESD
PM 6.C.	In conjunction with Program, 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.	Pending Implementation by Program	Done FY 04-05. Implemented at Program level. Program sent information regarding IPM to special districts during FY 04-05.	ESD
PM 6.D.	Create & provide fact sheets & materials to pesticide retailers to facilitate point-of-purchase outreach to support IPM Store Partnership Program.	Ongoing	Done through Program. See 11.D: <i>PIP Activities</i> for details.	ESD
PM 6.E	Identify, develop and implement education programs that target commercial businesses.	Ongoing	The following programs included IPM education to target businesses: <ul style="list-style-type: none"> • An article was published in the Spring 2005 issue of the Tributary Tribune providing tips for selecting a pest control operator. • IPM was included in the April 2005 Industrial Users Academy. • A letter was mailed to 92 selected retailers regarding the stop sell of Diazinon. See 11.D: <i>PIP Activities</i> and Program Annual Report for details.	ESD
PM 6.F	Monitoring Mechanism: 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. See 11.D: <i>PIP Activities Table</i> for evaluation of outreach activities.	ESD
PM 6.G	Monitoring Mechanism IV.A.1. Document outreach efforts targeting businesses, recommended in the work	Annually	Done. See 11.D: <i>PIP Activities</i> and Program Annual Report for details.	ESD

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	plan, to be developed by the Program. Implement evaluation component of the work plan.			
PM 7	HHW Pesticide Disposal 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.	Annually	This work is done at the Program level. See Program Annual Report for details.	ESD
PM 7.B.	Verify that adequate pesticide disposal services exist for residents and conditionally exempt small quantity commercial generators.	Annually	Done. Adequate pesticide disposal services were available during FY 04-05. No customers were turned away and appointments were scheduled in a timely manner.	ESD
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.	Annually	Done. 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.	Monitoring Mechanism V.A.1. Document that HHW collection programs adequately serve residents and businesses and that any exchange programs do not exchange organophosphate or banned pesticides.	Annually	Done. The Santa Clara County HHW Program served 3.26% of the City's households in FY 04-05. 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
PM 8	City Pesticide Use Tracking 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. City staff does not purchase, use or write recommendations for the use of Diazinon or Chlorpyrifos. It is also written into contract specifications for structural pest control that these pesticides (and clopyralid) cannot be used on City property.	GS, DOT, ESD
PM 8.B	As part of the PMP, develop and implement a process for tracking pesticide use on municipally owned property. Include reporting and justification for use of OP pesticides and BMPs employed during OP pesticide use.	Done FY 02-03 Ongoing	Done. 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.	12/31/04	Done FY 04-05. A database was developed and implemented to track pesticide use on municipal property by City staff and contractors. The database will help the City more effectively track pesticide usage from one year to the next. In addition, an electronic form was developed	GS, DOT, ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
			to provide a standard format on which City contractors can submit data to the City.	
PM 8.C	Monitoring Mechanism I.A.1. Use pesticide tracking process to document pesticide use in annual reports.	Annually	Done. Monthly pesticide use reports submitted by contractors were compiled and reviewed. See 8.B PM Program Evaluation.	GS, DOT, ESD, PRNS, PW, RDA, CAE
PM 9	City Pesticide Inventory Search 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.	All departments 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	GS and DOT conducted search in June 2005. DOT found one container of expired Embark growth regulator. The chemical was disposed as a hazardous material.	GS, DOT
PM 10	Pesticide Management Plan / IPM Policy Review 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 monitoring mechanisms of the work plan considering results of self-evaluations, comments from Regional Board staff and other interested parties, and results of local performance review meetings if any.	Annually	See 8.B PM Program Evaluation.	GS, DOT, ESD
PM 10.B.	Monitoring Mechanism IX.A.1. Complete revised work plan that incorporates continuous improvement items, and report on completion of work plan tasks.	Annually	Done (between 05-06 Work Plan and this Annual Report).	ESD
PM 10.C.	Monitoring Mechanism VII.A.1. Summarize types of pesticide reduction measures required (such as by conditions of approval) for new development & significant redevelopment projects, & percentage of new development/ significant redevelopment projects for which pesticide reduction measures were required. (Draft Permit Provision C.3.n.)	Annually	See Item No. NDC 4.M in Section 4.A NDC Work Plan Self Evaluation Matrix.	ESD

8.B PM Program Evaluation

Integrated Pest Management

The City continues to pursue opportunities to resolve pest problems with less toxic and non-chemical, integrated pest management techniques. This year staff anticipated a problem with Tussock moth infestation during Spring 2005 due to an extended period of hot weather. Rather than rely upon chemical controls to address the problem, the City secured a vendor specializing in biological controls to manage the pest should infestation occur. In addition, Parks continued its ongoing mulching program to help alleviate the need for pre-emergent herbicide use. San José's residential yard trimmings contracts include the provision of 1,500 tons of finished products in the form of compost, mulch, and woodchips for City use. The mulching program is effective, resulting in reduced need for pesticide, water use, etc. In FY 05-06, the City will begin the process of Green Business Certification for parks and landscape right-of-ways. Green Business certification has a pollution prevention element that includes integrated

pest management. Applicants must demonstrate practices such as appropriate plant selection and placement, landscaping to minimize waste, reduced pesticide and water use, etc.

All median islands constructed in FY 04-05 were constructed according to current City landscape specifications, which call for 4 inches of decorative gravel. This greatly reduces the emergence of weeds and associated maintenance required by Department of Transportation (DOT) Landscape Maintenance. Landscape specifications are currently under revision and will soon include a weed fabric barrier placed between the soil and rock. All roadside landscapes have a 3" layer of wood mulch and will also include a weed barrier in the future. It is anticipated that these changes will suppress weed growth and decrease herbicide use.

DOT Special Districts has actively implemented practices to ensure that the right plants are placed in the right environment as a way to prevent disease from occurring. DOT has discontinued severe pruning and reduced irrigation water usage to reduce incidents of disease and root rot. DOT works closely with its contractors to ensure that non-chemical alternatives have been considered before pesticide use occurs. The City's Special Districts Arborist thoroughly reviews alternatives with contractors to determine whether non-chemical solutions are possible.

The City's Los Lagos Golf Course has been certified as an Audubon International Cooperative Sanctuary since 2002. In order to become a Cooperative Sanctuary, a golf course must be certified in several categories including environmental planning, water conservation, water quality management, and chemical use reduction. In addition, the superintendent for Los Lagos Golf Course received distinguished recognition by the Golf Course Superintendents Association of America/Golf Digest Chapter for Environmental Leaders. Only nine public courses nationwide met the standards for such recognition.

Data Tracking

In FY 04-05, a database was developed and implemented to track pesticide use on municipal property by City staff and contractors. The database will help the City more effectively track pesticide usage from one year to the next. In addition, an electronic form was developed to provide a standard format on which City contractors can submit data to the City. The electronic format will help ensure that contractors know what information to submit and will allow for automatic upload of information into the database. Prior to implementation of the database and development of the reporting form, all data was manually entered and tracked.

While the database and electronic reporting form represent significant progress toward more accurate and efficient data entry and tracking from this year forward, some data challenges remain. All pesticide use data received from City applicators and contractors (Golf Courses, Facilities and Special Districts) during FY 04-05 was entered into the pesticide database. However, due to Special Districts and Facilities contractors not providing complete information, comparative data is not yet available. The City will continue to work with contractors in FY 05-06 to resolve outstanding reporting and data issues.

Pesticide Use

City staff applications of Gallery (isoxaben), a pre-emergent herbicide with a broad spectrum of weed control, increased this past year because it was used by DOT as a substitute for Pendulum (pendimethalin). The substitution was necessary due to problems with escape weeds and resistance of some weeds to pendimethalin. The use of isoxaben reduced the need for DOT staff to go back and retreat areas. The use of diuron also increased in FY 04-05 due to DOT's more focused approach for maintaining effective weed control on undeveloped right-of-ways to alleviate the need to retreat areas or manually remove weeds with limited resources. In general, the use of Roundup (glyphosate) and Pendulum (pendimethalin), the two herbicides most commonly used by City staff, has declined substantially (21% and 49%) despite an increase in acreage to maintain.

Golf course maintenance managers increased use of several chemicals including PCNB, copper sulfate, and chlorothalonil, and notably decreased use of zinc ion and manganese bisdithiocarbamate. Additional applications of PCNB were needed in FY 04-05 to address an increase in the occurrence of pink snow mold. Golf course maintenance began using copper sulfate crystals and decreased use of a liquid form of copper. While the liquid form of copper is more potent, the heavier copper sulfate crystals break down more slowly and were used in FY 04-05 as a test to determine whether they would provide longer lasting control of lake algae. The crystals were effective for the most part, but were unable to control the algae during a prolonged heat wave, during which one application of the liquid copper sulfate was needed. Copper sulfate is limited to use in golf course lakes. Chlorothalonil was used in greater quantities this year to control an increase in dollar spot fungus. Managers alternate use of zinc ion and manganese bisdithiocarbamate with use of chlorothalonil to control resistance. Some of the mold and fungus problems experienced this year are due to the very wet weather experienced this year.

Contracts

Standard contract language was drafted in FY 04-05 in an effort to ensure that all contracts issued for structural pest control services and landscape management include consistent requirements related to reporting and compliance with the City IPM Policy, SOPs, and BMPs. The draft language is currently undergoing department and attorney review and, if approved, will be incorporated into all new contracts for pest control services and landscape maintenance.

The City requested that landscape contractors submit monthly pesticide use reports for City applications, but has faced challenges receiving the information from some contractors since the requirement is not specified in their long-standing current contracts. The intent is to remedy the problem by including the appropriate specifications in the RFQ and/or contract. Full implementation may take several years as many landscape maintenance agreements and structural pest control contracts are issued with the option to renew for multiple years. Until then, the City will continue to work cooperatively with contractors to obtain the information needed.

In accordance with the City's URMP, all pest control and landscape maintenance contractors were provided with copies of the City IPM Policy, SOPs, and BMPs. However, the City did not request and review contractor BMPs and SOPs for agreements executed prior to FY 04-05 due to the resources required to carryout the task. Instead, contractors were asked to review the City SOPs and BMPs and to confirm compliance. Contract managers intend to continue to request that contractor's self-certify their compliance with the City SOPs and BMPs for agreements prior to FY 04-05, rather than perform a full review of contractor BMPs and SOPs.

Training

The City held its annual training for staff responsible for applying pesticides in January 2005.

Participants were given an evaluation form to fill out. Of the 134 staff that participated in the training, 72 evaluations were completed and returned. Results of the completed evaluations indicate that:

- 93% thought that the training subjects taught are appropriate to their work
- 82% thought the training adequately described the City's IPM policy
- 83% thought that the BMPs/SOPs described match their work practices
- 80% thought that the training adequately described the relationship of BMPs/SOPs to compliance with the City's Stormwater NPDES permit
- 83% thought that the training adequately explained how they, City staff, can help the City maintain compliance with the Stormwater NPDES permit

This information will be used to improve the training for next year. In FY 05-06, contractors will be invited to participate in the training workshop.

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 Use Comparison: FY 03-04 & FY 04-05

ACTIVE INGREDIENT	FY 03-04 (LBS)	FY 04-05 (LBS)	DIFFERENCE	%CHANGE *
CITY APPLICATIONS				
2,4-D, 2-Ethylhexyl Ester	13.85		-13.85	-100%
Aluminum Phosphide	0.10		-0.10	-100%
Carfentrazone-Ethyl	0.71		-0.71	-100%
Cyfluthrin		0.0002	0.0002	
Dicamba	0.88		-0.88	-100%
Diquat Dibromide	6.60	0.40	-6.20	-94%
Diuron	424.00	874.19	450.19	106%
Ethephon		0.07	0.07	
Fluazifop-P-Butyl		0.12	0.12	
Glyphosate, Isopropylamine Salt	1857.16	1474.34	-382.82	-21%
Glyphosate, Monoammonium Salt		22.82	22.82	
Halosulfuron	0.02	0.04	0.02	100%
Imidacloprid		0.23	0.23	
Isoxaben	73.31	178.59	105.28	144%
Mecoprop-P	3.51		-3.51	-100%
Metaldehyde		0.20	0.20	
MSMA	0.95		-0.95	-100%
Nonanoic Acid		24.76	24.76	
Nonanoic Acid, Other Related		1.30	1.30	
Nonylphenoxy polyethoxy ethanols, isopropanol and fatty acids	29.81		-29.81	-100%
Oryzalin	112.95	86.29	-26.66	-24%
Oxadiazon	82.18	59.14	-23.04	-28%
Pelargonic Acid	41.56		-41.56	-100%
Pendimethalin	1603.68	818.38	-785.30	-49%
Related Fatty Acids (C-6, C-12)	2.19		-2.19	-100%
Sethoxydim	3.35		-3.35	-100%
Triclopyr, Butoxyethyl Ester	20.57	2.13	-18.44	-90%
Trifluralin	18.00		-18.00	-100%
GOLF COURSES				
2,4-D		21.88	21.88	
2,4-D, Dimethylamine Salt	0.39		-0.39	-100%
3,7-Dichloro-8-quinolinecarboxylic	0.70		-0.70	-100%

*City of San José Urban Runoff Management Plan
Annual Report FY 2004-2005*

ACTIVE INGREDIENT	FY 03-04 (LBS)	FY 04-05 (LBS)	DIFFERENCE	%CHANGE *
Acid Blue 9, Diammonium Salt	4.34	8.74	4.40	101%
Acid Yellow 23	0.44		-0.44	-100%
Azoxystrobin	3.13	1.63	-1.50	-48%
Chlorothalonil		462.53	462.53	
Clopyralid, Monoethanolamine Salt		0.16	0.16	
Clopyralid, Triethylamine Salt		18.00	18.00	
Copper	65.76	39.41	-26.35	-40%
Copper Carbonate, Basic		4.20	4.20	
Copper Ethanolamine Complexes, Mixed		20.89	20.89	
Copper Sulfate (Pentahydrate)		629.24	629.24	
Deltamethrin		0.28	0.28	
Dicamba		2.06	2.06	
Dicamba, Dimethylamine Salt	0.04		-0.04	-100%
Diquat Dibromide	0.23	0.38	0.15	65%
Dithiopyr	3.61	32.30	28.69	795%
Floridone	1.00		-1.00	-100%
Fluazifop-P-Butyl		0.13	0.13	
Flutolanil	51.10	8.40	-42.70	-84%
Fosetyl-AL		16.80	16.80	
Glyphosate, Isopropylamine Salt	38.50	28.68	-9.82	-26%
Glyphosate, Monoammonium Salt		20.37	20.37	
Imidacloprid		0.90	0.90	
Iprodione	13.08		-13.08	-100%
Mancozeb		261.60	261.60	
Maneb		80.09	80.09	
MCPP		9.79	9.79	
MCPP, Dimethylamine Salt	0.10		-0.10	-100%
Oryzalin		2.35	2.35	
PCNB	54.00	110.15	56.15	104%
Pendimethalin	11.20		-11.20	-100%
Polyoxorim D Zinc Salt	0.69		-0.69	-100%
Propiconazole	270.57	5.21	-265.36	-98%
Pyraclostrobin		3.96	3.96	
Quinclorac		6.28	6.28	
Tartrazine		0.88	0.88	
Thiophanate-Methyl	29.27	23.45	-5.82	-20%
Triclopyr, Triethylamine Salt		50.00	50.00	

*City of San José Urban Runoff Management Plan
Annual Report FY 2004-2005*

ACTIVE INGREDIENT	FY 03-04 (LBS)	FY 04-05 (LBS)	DIFFERENCE	%CHANGE *
Trifloxystrobin	2.00	1.50	-0.50	-25%
Trimec	31.50		-31.50	-100%
Zinc Ion and Manganese Bisdithiocarbamate	160.80		-160.80	-100%

* % Change is left blank for active ingredients used in FY 04-05, but not in FY 03-04.

9. M: Mercury

9.A M Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
M 1	Municipal Use of Mercury –Containing Products 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.	Complete and report results of survey of mercury-containing products used by City departments.	Done FY 02/03	Done FY 02-03.	ESD
M1.A.1	Conduct a follow-up mercury-containing product survey	Done FY 03-04	Done FY 03-04	ESD
M 1.B.	Develop a mercury policy requiring the virtual elimination of mercury from controllable sources in urban runoff from agency operations.	Done FY 02-03	Done FY 02-03. Pollution Prevention Policy adopted June 24, 2003.	ESD, GS, DOT
M 1.C.	Implement SCVURPPP guidelines for mercury-containing products reduction and management. These guidelines will 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 04-05 and Ongoing. Updated current management options for mercury-containing lamps used by the City. See 9.D: <i>Mercury-Containing Product Management Practices</i> for a list of management options. The City purchases, almost exclusively, low mercury fluorescent lamps. The City recycled more than 37,970 feet of mercury-containing lamps in FY 04-05 through its Lamp Recycling Program. On August 18, 2004 a memo with information on the collection and recycling requirements for fluorescent lamps was distributed to all General Services employees and contractors who change fluorescent bulbs, as well as to departments that change their own bulbs. The same memo was given to the Corporation Yard Masters who handle hazardous waste issues on June 24, 2005.	ESD, GS
M 1.D.	Monitoring Mechanism I. Document completion of tasks in annual reports. Use mercury-containing product reporting guidelines (to be developed).	Annually	Done. See 9.D: <i>Mercury Containing Product Management Practices</i> for a summary of management options identified and/or implemented to date.	ESD
M 2	Household Hazardous Waste Collection The City will provide mercury-containing product disposal services through household hazardous waste (HHW) collection programs for residents and small businesses, and encourage use of these programs.			
M 2.A.	Provide mercury-containing products disposal services for residents and small businesses.	Ongoing	Ongoing. The City supports the County of Santa Clara Department of Environmental Health's (DEH) Household and Small Business Hazardous Waste program. County DEH hosts weekly household and small business hazardous waste collection events. This service is provided to residents and small businesses in the county	ESD-IWM

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
			to collect and properly dispose of hazardous wastes, including mercury-containing products. If FY 04-05, The County HHW Program collected 25,000 pounds of household batteries and 155 pounds of elemental mercury (from thermostats, thermometers and other products). See County Annual Report for details.	
M 2.B.	Work with HHW collection agencies to develop and help publicize fluorescent light recycling program to ensure maximum recycling.	Ongoing	Done and Ongoing. The City supports the County of Santa Clara Department of Environmental Health's (DEH) Household and Small Business Hazardous Waste Program. As of June 2005 the County has collected 166,000 feet (41,597 pounds) of lights (or 4' lamps). The City and the Program also worked with the County to assist with the implementation of its Universal Waste Grant. The Program developed and implemented the "Got Bulbs?" media campaign designed to encourage residents to take their spent fluorescent lamps to any of 13 drop-off locations funded by the Universal Waste grant. In FY 04-05 a total of 17,591 feet of fluorescent lamps were collected at the five drop-off locations in San José.	ESD, Program
M 3	Monitoring and Science 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.			
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	Ongoing. The City continues to support the RMP financially and through in-kind services operating the Mercury Deposition Network Pilot Study station number CA76. (see M 3.B)	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.	Ongoing 12/31/2005	Done and Ongoing. The City has operated and maintained the National Mercury Deposition Network site #CA72 since January 2000. The City collects samples, records data, and sends both to the national MDN contract laboratory for analysis. The City also sends records to SFEI for inclusion in SF Bay RMP analyses. Weekly sample collection and data reporting is scheduled to continue at this time. Information on the National MDN program (including pictures of collection apparatus) is found at: http://nadp.sws.uiuc.edu/mdn/ . The City is evaluating whether to continue this activity past 12/05.	ESD
M 4	Regional, State, and Federal Coordination 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	Ongoing	Ongoing. The City participates in and supports programs to reduce mercury in stormwater runoff and air emissions, including the San Francisco Bay Regional Monitoring	ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
	Workgroup.		Program, National Mercury Deposition Network, AB 982 TMDL Public Advisory Group, WMI Guadalupe River Mercury TMDL Workgroup, and the Clean Estuary Partnership.	
M 4.B.	Support and participate in WMI Watershed Action Plan development.	Ongoing	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. In February 2005, the San José City Council and the Santa Clara Valley Water District Board of Directors adopted the recommendations of the Upper Penitencia Creek/King Road Bridge Stakeholder Group (a WMI short-term workgroup led by City staff). In May 2005, the WMI published its programmatic report card, which evaluated the WMI's progress on implementing the various components of the Action Plan, and established a suite of watershed health indicators. The City remains active in the WMI Core Group, most of the subgroups, and is contributing in-kind staff time for the WMI project coordinator position.	ESD
M 5	Public Education and Outreach 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.	Work with Program to develop and begin to implement a fluorescent light recycling outreach program to educate residential users and encourage proper disposal of fluorescent lights.	Done FY 03-04 & Ongoing	Done FY 03-04, with some work continued into FY 04-05. Program posted mercury-related information for residents on the watershedwatch.net website. During the "Got Bulbs?" Campaign, a total of 636 visits generating 752 views were recorded on the Watershed Watch Mercury Education page. Mercury and/or Household Hazardous Waste messages were also included at the Home Show event. See Section 11.D: <i>PIP Activities</i> .	ESD
M 5.B.	Work with Program to develop and begin to implement a fluorescent light recycling outreach program to educate small businesses and conditionally exempt small quantity generators and encourage proper disposal of fluorescent lights.	Done FY 03-04 & Ongoing	Done in FY 03-04. In FY 04-05 City staff attended meetings of the Regional Universal Waste workgroup. This informal group of Stormwater, Solid and Hazardous Waste agencies discussed strategies for handling universal waste collection, funding, outreach and education. When the Universal Waste rules take effect in February 2006, implementation will commence.	ESD
M 5.C.	Coordinate with municipal inspectors to integrate mercury outreach to industrial businesses into their existing routine pretreatment, source control, and/or hazardous materials inspection processes.	Ongoing	Done FY 04-05 and Ongoing. Information on the proper handling and disposal of mercury-containing products was presented to industrial businesses attending the Industrial Users Academy. (See 11.D: <i>PIP Activities</i>) Copies of the	ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
			Department of Toxic Substances Control brochure, <i>Mercury in the Environment</i> , are available for distribution by inspectors, as needed. The City has postponed printing the DTSC fact sheet on Universal Waste until after the February 2006 deadline for Residential Compliance with Universal Waste rules, and pending updated information from the DTSC. The City published an article in the Spring 2005 Tributary Tribune with information on fluorescent lamp recycling requirements. See 11.D: <i>PIP Activities</i> .	
M 5.D.	Develop and distribute “tailgate safety meeting cards” about mercury to inspectors and other municipal employees. (The Program will first review the product developed by the Fairfield-Suisun Sewer District when it is made available to the Bay Area Pollution Prevention Group (BAPPG).)	TBD	Tailgate Safety Meeting Cards did not meet City needs. Instead, the City distributed a memo to City Departments with information about mercury lamp disposal. A newsletter article was submitted & published in the ESD department newsletter about the hazards of improper mercury disposal and how to properly dispose of mercury-containing products.	ESD
M 5.E.	Attend community events and distribute outreach materials.	Ongoing	Done FY 04-05 and Ongoing. Messages regarding proper disposal of fluorescent tubes is included whenever the Household Hazardous Waste program is promoted, e.g. the Home Show. See 11.D: <i>PIP Activities</i> for details.	ESD
M 5.F.	Monitoring Mechanism V.B. In the Annual Report, document and evaluate each outreach activity, including the target audience and number of residents and/or businesses reached.	Annually	See Program report and 11.D: <i>PIP Activities</i> for evaluation of outreach activities.	ESD, Program

9.B M Program Evaluation

Mercury-containing lamps continue to be the focus of City efforts to reduce the impact of mercury from City operations. The City purchases, almost exclusively, and encourages the use of low mercury fluorescent lamps. The City recycled more than 37,970 feet mercury-containing lamps and over 205,000 pounds of electronic waste in FY 04-05 through its recycling programs. The City took the Program-developed “Got Bulbs?” poster and modified it for internal use to reinforce the City’s SOP of recycling all fluorescent lamps. Distribution to all City Departments and sections that change fluorescent lamps will occur in the beginning of FY 05-06. Questions regarding mercury content and alternative products are part of the City’s Request for Quotation Forms. The Universal Waste Rule for residential mercury disposal requirements starts in February 2006, and the City will continue to work with solid and hazardous waste collection agencies to address the requirements laid out in the Rule.

The City continues its commitment to work with the Water Board and stakeholders toward a TMDL that is technically defensible and feasible for implementation. City staff participates in mercury TMDL efforts by providing comments on the Baywide 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 of both TMDLs in the next fiscal year. In addition, the City supports SCVURPPP, the 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

No comments received from 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
LAMPS:							
Compact Source Lamp							Recycled through City's Lamp Recycling Program
Spectral Lamp	NF						
Fluorescent Lamp (Tubes)							Replacing existing tubes with low Hg tubes (ALTOs) upon failure. City operations under review to ensure that all ALTOs are also recycled through City's Lamp Recycling Program.
Metal halide Lamp							Recycled through City's Lamp Recycling Program
High pressure sodium Lamp							Recycled through City's Lamp Recycling Program
Mercury Vapor Lamps							Recycled through City's Lamp Recycling Program
Cold Cathode Lamp	NF						
Neon Lamp	NF						
THERMOSTAT PROBES (ALSO KNOWN AS FLAME SENSORS OR GAS SAFETY VALVES):							Have limited information from Municipal Surveys. Will continue data collection in 04-05.
Furnaces							
Water heaters							
Ranges, ovens							
Space heaters							
TILT SWITCHES AND RELAYS:							Have limited information from Municipal Surveys. Will continue data collection in 04-05.
e.g., Wetted reed relay							
WPCP LAB MATERIALS							
Thermometers	NF						Lab uses alcohol-based thermometers and other traditionally mercury-containing apparatus
Mercury-containing Samples							Spent samples treated as Hazardous Waste and picked up by hauler every 2-3 months
Status Key: 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				Management Options Key: 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			

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10. WUOM: Water Utilities Operations & Maintenance

10.A WUOM Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
WUOM 1	Inventory of O&M Activities 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 04-05. The current procedures have been reviewed and no change is recommended at this time.	ESD-Muni
WUOM 1.B.	Three-year update of list	3/06 Every 3 years Next Due 3/06	Completed 3/03. Next inventory not due until 3/06.	ESD-Muni
WUOM 2	Implementation of WUPPP 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	Annually	Done FY 04-05. WUPPP was implemented in 2000. Muni Water staff and their contractors comply with the BMPs and SOPs included in the WUPPP.	ESD-Muni
WUOM 3	Staff Training and Contractor WUPPP Compliance 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.	Develop training program	Done 11/98	Done FY 98-99.	ESD-Muni
WUOM 3.B.	Implement training program	Annually	Done FY 04-05. See 12.D: <i>Municipal Employee Training Summary</i> .	ESD-Muni
WUOM 4	WUPPP Effectiveness Evaluation 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.	Develop evaluation program	Annually	Done FY 04-05. Muni Water has developed an evaluation program, which includes evaluating one of the SOPs annually. See 10.B WUOM Program Evaluation	ESD-Muni
WUOM 4.B.	Provide progress and update report to Santa Clara Valley Urban Runoff Pollution Prevention Program	Annually	Done FY 04-05.	ESD-Muni

10.B WUOM Program Evaluation

The evaluation program that Muni Water has developed consists of reviewing one SOP or BMP from start to finish on an annual basis. This effort is combined with the training program. As part of the training program, Muni Water staff creates a training video of a single SOP. Staff and others involved in the process view the video for training. The paperwork process 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. If possible, the procedure is revised to incorporate the results of the discussion.

In December 2004, Muni Water conducted an evaluation of the tank cleaning program. A training video was made according to 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 the BMP, 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 the issue right away.

10.C WUOM Response to Water Board Comments

No comments received from Water Board on this Program Element.

10.D WUOM Summary Tables / Additional Information

No additional information (Updated inventory of O&M activities not due until 2006).

11. PIP: Public Information / Public Participation

11.A PIP Work Plan Self Evaluation Matrix

ITEM NO.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
PIP 1	Public Awareness The City of San José will promote general citizen awareness regarding the functions of the storm drain system, pathways and sources of urban runoff pollution to the South Bay watershed, behaviors that adversely affect water quality, what a watershed is, and activities citizens can participate in to learn about and benefit the watershed.			
PIP 1.A	Identify, support and participate in appropriate community events to further general public awareness.	n/a	Done. See 11.D: <i>PIP Activities</i> .	ESD
PIP 1.A 1	Work with Program events work group, and WE&O ad hoc Task Group.	Ongoing	Ongoing. City staff participated in both AHTGs. San José staff served as Chair of WE&O AHTG in FY 04-05. City staff participated in events by providing staffing and material support where appropriate.	ESD, Program
PIP 1.B	Support, and/or develop and implement school and youth education programs. Projects include:			
PIP 1.B.1	Participate in WE&O Schools work group.	Ongoing	Ongoing. Participated in developing schools work plan and activities for Urban Runoff Program and Watershed Watch campaign. City Staff participated in both WE&O Ad Hoc Task Group and Schools and Youth Work group meetings, and serve 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 City's middle school curriculum.	ESD, Program
PIP 1.B.2	Participate in the Alviso Education Center work group.	Ongoing	Ongoing. City staff participated in work group meetings. Program Staff administered the SCVURPPP Ed Center Grant. See Program Annual Report for details.	ESD, Program
PIP 1.B.3	Participate in City Education programs such as the Youth Watershed Education Team, Rangers in Schools, etc.	Ongoing	Ongoing. See 11.D: <i>PIP Activities</i> .	ESD, PRNS
PIP 1.C	Give presentations upon request that focus on stormwater messages to elementary through college grade levels, neighborhood groups, etc.	As Needed	Ongoing. See 11.D: <i>PIP Activities</i> .	ESD
PIP 1.D	Participate in WMI Outreach, and coordinate WMI outreach with Watershed Watch and Program efforts.	Ongoing	Ongoing. City staff supported coordination of WMI and Program messages in the Watershed Watch campaign through WE&O AHTG and attended WMI COS workgroup meetings to keep WMI staff informed of activities.	ESD, WMI, Program

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
PIP 1.D 1	Participate in Watershed Watch campaign.	Ongoing	Ongoing. City staff assists with planning and implementation through WE&O AHTG. See Program Annual Report for complete campaign annual report.	ESD, Program
PIP 2	Targeted Outreach The City of San José will develop and implement targeted residential outreach and education campaigns, based on identification of up to two high priority pollutants, to effectively reduce pollutant-causing behaviors and promote Best Management Practices.			
PIP 2.A	Identify general residential practices contributing to stormwater pollution. Identify reasonable alternatives to pollutant causing behavior.	n/a	Done. Addressing messages through the Watershed Watch Campaign.	ESD, Program
PIP 2.A 1	Review surveys and applicable reports.	Ongoing	Ongoing. Target audiences have been based on 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.	ESD
PIP 2.A 2	Review 945-3000 hotline calls information.	Ongoing	Ongoing. How complainants hear about ICID services is tracked. See 1.D: <i>Complainant Source Summary</i> .	ESD
PIP 2.A 3	Meet with inspectors to discuss and document residential outreach needs.	Ongoing	Ongoing. Outreach staff attend monthly Inspectors' meeting. Outreach needs are identified and incorporated into work plans as needed.	ESD
PIP 2.A 4	Prepare report identifying residential outreach needs and tasks.	Annually	Done. 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. ICID Feedback cards are regularly distributed to complainants. How complainants hear about ICID services is also tracked. See 1.D: <i>Complainant Source Summary</i> .	ESD
PIP 2.B 1	Review ICID reports.	Ongoing	Ongoing. 169 feedback cards were distributed to complainants. 91 were returned, of which 67 had viable data. 70% felt their complaint had been resolved, 67% felt their complaint had been resolved in a timely manner, and 61% felt their complaint had been resolved to their satisfaction. 70% rated the City's service as excellent or good, and 30% rated it as fair or needs improvement. How complainants heard about ICID services is also tracked. See 1.D: <i>Complainant Source Summary</i> for details.	ESD
PIP 2.B 2	Review 945-3000 hotline calls information.	Ongoing	Ongoing. How complainants hear about ICID services tracked. See 1.D: <i>Complainant Source Summary</i> .	ESD
PIP 2.B 3	Meet with ICID inspectors to discuss and document outreach needs.	Ongoing	Ongoing. Outreach staff attend monthly Inspectors' meeting. Outreach needs are identified and incorporated into work plans as needed.	ESD

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
PIP 2.B 4	Prepare report identifying ICID outreach needs and tasks.	Annually	Done FY 04-05. Outreach staff submits a report on projected outreach needs and recommendations.	ESD – Marcom
PIP 2.C	Promote selected residential and ICID messages through regional activity (e.g. Program PIP, BASMAA PIP, BAPPG Spanish radio ad messages, Media Relations PSAs)			
PIP 2.C 1	Report on targeted residential and ICID outreach activity.	Annually	Done FY 04-05. See 11.D: <i>PIP Activities</i> .	ESD – Marcom
PIP 2.C 2	Participate in the Program's HHW ad hoc task group.	Ongoing	Ongoing. Staff participated in AHTG and collaborated with regional HHW efforts that are focusing on Universal Waste requirements. See Program Annual Report.	ESD, Program
PIP 3	Citizen Involvement Programs 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 3.A	Support and/or develop involvement opportunities for San José residents			
PIP 3.Aa	Participate in creek cleanups on a bi-annual basis through in-kind staff support for the Creek Connections Action Group.	n/a	Done FY 04-05. Coordinated with Parks, Recreation, and Neighborhood Services.	ESD, PRNS
PIP 3.A1	Fall creek cleanup.	Coastal Cleanup Day Q1 FY 04/05	Done FY 04-05. See 11.D: <i>PIP Activities</i> .	ESD, PRNS
PIP 3.A2	Spring creek Cleanup.	National Rivers Day Q4 FY 04/05	Done FY 04-05. See 11.D: <i>PIP Activities</i> .	ESD, PRNS
PIP 3.B	Promote WMI's Public Participation Opportunities list.			
PIP 3.B 1	Report on actions promoting Public Participation Opportunities list.	Annually	Done FY 04-05. Public Participation Opportunities List is posted on the City's web site and is available for distribution at events. See 11.D: <i>PIP Activities</i> .	ESD
PIP 4	Outreach Evaluation The City of San José will develop and implement evaluation and feedback mechanism(s) to determine the effectiveness of outreach and education campaigns and evaluate changes in citizen awareness and understanding.			
PIP 4.A	Implement selected evaluation tools.	n/a	See 11.B PIP Program Evaluation.	ESD
PIP 4.A.1	Work with Program, WMI, and Watershed Watch AHTG to Plan for Program's Watershed watch campaign follow-up survey.	Triennially FY 06/07	Not scheduled for FY 04-05.	ESD, Program
PIP 4.A.2	Report on survey and evaluation activity during the report period	Annually	In FY 04-05, the City conducted a set of two focus groups in order to elicit feedback regarding the City's environmental programs. See 11.B PIP Program Evaluation for details.	ESD
PIP 4.B	Annually review, modify and report on outreach plans based on effectiveness results.	n/a	Done FY 04-05. Work plans are evaluated and modified as needed based on evaluation results.	ESD
PIP 4.B 1	Produce written report on effectiveness of outreach activities conducted in prior fiscal year.	Annually	Done FY 04-05. See 11.D: <i>PIP Activities</i> .	ESD

11.B PIP Program Evaluation

San José conducts the bulk of its general outreach through the Program's Watershed Watch Campaign, the BASMAAA Regional Ad Campaign workgroup, and the Regional Media Relations workgroup. The City supplements the Program's efforts with funding and staffing support. See Program Annual Report for details. 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 José citizens.

FY 04-05 marked the third year the City contracted with the San José Conservation Corps to stencil storm drain inlets with the No Dumping message and a phone number to report incidents. 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 in to the local environment.

FY 04-05's targeted efforts focused on pesticides and IPM; fats, oils, and grease (FOG); and construction-related pollution. Additional targets included sediment, copper, nickel, mercury, and general pollution prevention. For pesticides, San José has been able to direct successfully a variety of messages to a wide array of audiences through in-store events, training workshops, and direct mailing at the local level, as well as collaborative efforts at the regional level. Targeted outreach has been the most difficult to implement at the Program-wide level, primarily because of prioritization and staffing constraints. The Program's targeted outreach focus has been, appropriately, readying the co-permittees' staff for implementation of C.3. For FOGs, San José developed a new restaurant package with messages in three languages, and began distribution of the package in 04-05. 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 participated in three cleanup events, as well as a Bike to Work Day, designed to promote participation and stewardship in the citizens of San José. Tying cleanup days to pre-existing events such as Coastal Cleanup Day and the Great American Pick-up is a good way to maximize promotion. Advertising paid for by regional entities is a useful for raising awareness locally. The City's Urban Runoff Program continued working with the Anti-Litter Program on FY 04-05 to tie watershed objectives in with existing successful effort.

Education continues to be a vital component of San José'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. The City's Water Awareness Program reached 293 students in the targeted grades of fifth, sixth, and seventh. This is down 472 from FY 04-05. The City will evaluate this decline, and make changes to the program in FY 04-05 accordingly. Train-the-trainer methods have 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, which in turn accomplish the City's education goals.

In FY 04-05, the City conducted a set of two focus groups, one of restaurateurs and the other of office property managers, in order to elicit feedback regarding the City's environmental programs. The goal of this effort was to improve ESD's contribution to business retention and attraction by better serving businesses in the context of the City's regulatory mission. Five restaurateurs and nine property managers participated in the focus groups. Some highlights from the focus groups:

- Participants noted that grease interceptors required in newer facilities were significantly larger and more costly to operate than those in older facilities.
- Participants expressed concern regarding new stormwater retention regulations for new development. Although most of participants did not directly deal with new development, they had perception that new regulations were targeting new development and would only deal with small increment of runoff problem overall, so they questioned the efficacy of this approach.

The City will use the data collected in these focus groups, and other sources of evaluation information, to help guide future strategies and work plans.

11.C PIP Response to Water Board Comments

No comments received from Water Board on this Program Element.

11.D PIP Summary Tables / Additional Information

PIP Activities

Outreach Type:

○ = General Outreach

⊙ = Targeted Outreach

✋ = Citizen Involvement

✍ = Education

04-05 WORK PLAN ID#	URMP REFERENCE	ACTIVITY	OUTREACH TYPE	FY 04-05 STATUS	EVALUATION
1	n/a	Storm Drain Stenciling	○	The San José Conservation Corps stenciled approximately 4,000 storm drain inlets throughout the City with "No Dumping Flows to Neighborhood Creek" and the 945-3000 hotline number.	This was the third year field crews have stenciled inlets under a contract agreement with the City. The Corps has now stenciled approximately 24,000 inlets over the past three years. 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 in to the local environment.
3	PIP 1.A. PIP 2.C. CB-1.C.	Classic Car Wash Promotion	○	The Watershed Watch campaign partnered with Classic Car Wash to host four (4) half-price events in September and October 2004. San José staff assisted with the event. Less polluting methods of car washing were emphasized. Discount car washes were available through December 2004 with the Watershed Watch card.	See Program Annual Report for details.
4	PIP 1.A. PIP 2.C. CB-1.C.	Quality Tune-Up Promotion	○	The Watershed Watch campaign partnered with Quality Tune-up and Smog Centers to offer discounted oil change services.	See Program Annual Report for details.
4	PIP 1.A.	Harvest Festival at Prusch Park Farm	○	October 2, 2004. Watershed Watch booth with games and Pollution Prevention information.	See Program Annual Report for details.
4	PIP 1.A.	Pumpkins in the Park at Discovery Meadow	○	October 9, 2004. Watershed Watch booth with games and Pollution Prevention information. San José prepared and displayed a Scarecrow with Anti-Litter messages. The Scarecrow won First Prize in the	Approximately 10,000 people attended. See Program Annual Report for more details.
4	PIP 1.A.	YSI Wildlife Festival	○	October 17, 2004. Watershed Watch booth with games and Pollution Prevention information.	See Program Annual Report for details.
5	PIP 1.A. PIP 2.C.	Water Awareness web page	○	This ESD web page highlights several water issues, including Pollution Prevention, Storm Drain vs. Sanitary Sewer, IPM, Household	The Water Awareness web page is updated quarterly with seasonally pertinent information about a variety of water-related issues. A total of 473 visits and 506 views were








04-05 WORK PLAN ID#	URMP REFERENCE	ACTIVITY	OUTREACH TYPE	FY 04-05 STATUS	EVALUATION
	PM 6.A. PM 6.F. M 2.B.			Hazardous Waste, Automotive Fluids, Anti-Litter Program, etc. Links to watershedwatch.net and the County's Household Hazardous Waste program are also included.	recorded on the City's Water Awareness web page.
5	N/A	Website Revisions	○	After reviewing the current Watershed Protection website, ESD Staff decided a major overhaul of the entire website was needed, above and beyond the revisions called for in this work plan. ESD Staff have identified goals and objectives for the website, and are building the website around them. The overhaul will be completed in FY 05-06.	Ongoing. The City will track site views once major changes are uploaded. The City is also considering holding site functionality focus groups to solicit feedback.
N/A	PIP 1.A. PIP 1.B.3 PIP 1.D.1	Watershed Watch sign at Happy Hollow Park and Zoo	○	A pollution prevention 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 04-05, approximately 317,000 visitors attended Happy Hollow Park and Zoo. 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.
N/A	PIP 1.A. PM 6.A.	Community Festival – Council District 1	○	September 11, 2004. San José hosted booth. Messages included IPM and solid/hazardous waste disposal.	The "Wheel of Fortune" game, featuring a spinning wheel and a quiz question about pollution prevention, attracted many families with small children. Approximately 150 attendees visited the tent and were especially interested in literature on ants and mosquitoes.
N/A	PIP 1.A. PM 6.A.	Community Festival – Council District 2	○	September 18, 2004. San José hosted booth. Messages included IPM, urban runoff, and solid/hazardous waste disposal.	Approximately 100 adults and children visited the tent and took away copies of "Grow It", "Bay Begins", "Ants", and "Mosquitoes". There is a large interest in mosquito control this year due to West Nile Virus.
N/A	PIP 1.A. PM 6.A.	Community Festival – Council District 5	○	September 25, 2004. San José hosted booth. Messages included IPM, solid/hazardous waste disposal.	This event has a large Spanish-speaking attendance. This year there was interest in "Grow Its", "Ants", and "Mosquitoes". Approximately 100 people visited the tent.
N/A	PIP 1.A. PM 6.A.	Community Festival – Council District 7	○	October 2, 2004. San José hosted booth. Messages included IPM, solid/hazardous waste disposal.	This event has a large Vietnamese-speaking attendance. The "Wheel of Fortune" game attracted many families. Again, with the West Nile Virus, there was a large interest in "Mosquitoes". "Ants" and "Grow Its" also went over well.






04-05 WORK PLAN ID#	URMP REFERENCE	ACTIVITY	OUTREACH TYPE	FY 04-05 STATUS	EVALUATION
Overall Assessment of General Outreach Activities			○	<p>San José conducts the bulk of general outreach through the Program's Watershed Watch Campaign. The City supplements the Program's efforts with funding and staffing support. See Program Annual Report for details. The City also routinely hosts a number of community events and includes pollution prevention information in them.</p> <p>The City continues to reach out to the general public at selected community events the Watershed Watch Campaign does not attend. The City is currently reviewing the list of events it considers attending, and plans on evaluating the overall benefit and effectiveness of attending events in FY 05-06.</p>	
2	PIP 2.C. M 5.F.	Regional Media Relations	◎: Media	<p>Three pitches were pursued in FY 04-05: mercury TMDL, household hazardous waste, and pesticides.</p> <p>Media Relations began the process of working with meteorologists to incorporate water pollution prevention messages into their broadcasts.</p> <p>Placements include media outlets that serve San José residents, including the San José Mercury News, the Associated Press, KRON-TV, KTVU-TV, KGO-TV, and other local-serving print, web and radio outlets.</p>	<p>Regional partnership and coordination of media relations allows cities to pool their messages and resources into one consistent effort. Overall, 36 articles and broadcast stories were covered by the media in FY 04-05, including 9 print articles, 7 television, 7 radio stories, and 10 web stories and 3 wire stories. These results were achieved despite the fact that two planned pitches were not pursued because of the lack of a project manager; a third pitch on new development was not pursued after the project manager determined that there were no new regulations in place to warrant a story; and, a final pitch on the BASMAA advertising campaign on trash was not pursued because post-campaign survey results did not provide a strong enough hook to warrant a media pitch.</p> <p>See Regional Media Relations Campaign Final Report in the Program's Annual Report for full details.</p>
7	IND 6.A.	Print "Preventing Storm Drain Pollution" BMP in two languages	◎: Industrial	In FY 04-05 "Preventing Storm Drain Pollution" was translated into Spanish and Vietnamese. The process took longer than expected, so print runs of both pieces was delayed until July 2005.	Distribution of the pieces will be tracked beginning in FY 05-06.
8	PIP 1.A. PM 6.A. PM 6.F.	Home and Garden Show	◎: Home-owners	April 15-17, 2005. San José provided booth space. Booth Staffed by SCVURPPP staff, co-permittees, and San José staff. See Program report for details.	See Program Annual Report for details. Booth location was poor this year, and traffic was below expectations. City will work with the Program to look for an alternative event to reach this audience.
9	IND 6.A. PIP 1.A. PM 6.E. PM 6.G. M 5.F. CB-3.D.	Industrial Users Academy	◎: Industrial	April 27, 2005. Stormwater issues discussed include: facility inspections, GIASP/NOI requirements, IPM, Mercury, Trash, and General NPDES information.	25 attendees. 22 submitted evaluations. 91% agreed or strongly agreed that the workshop was useful. 86% indicated an increase in understanding for the big picture of water regulations.






04-05 WORK PLAN ID#	URMP REFERENCE	ACTIVITY	OUTREACH TYPE	FY 04-05 STATUS	EVALUATION
10	CON 7.C.	Conduct outreach sessions to development community	⊙: Developers	August 31, 2004. Department of Public Works and ESD staff conducted training on erosion and sediment control for private developers of Type 2 projects.	13 private developers of Type 2 projects attended. Four topics were covered; 1) Overview of erosion and sediment control requirements in the City; 2) Friends of the SF Estuary video "Keep it Clean – Preventing Pollution from Construction Sites;" 3) the City's stormwater permit; and 4) the City's enforcement procedures.
10	CON 7.C.	Conduct outreach sessions to development community	⊙: Developers	September 15, 2004. Erosion Control Meeting. Training was given on Best Management Practices and SWPPP implementation.	30 developers and 1 City employee attended. The developers were reminded of BMPs for erosion and sediment control at construction sites in preparation for the rainy season that started October 15, 2004. In addition they were shown some of the latest products to prevent stormwater runoff from construction sites by vendors. Annual trainings plus "Round Table Meetings" such as this are helping to improve communications between City staff and developers as to erosion and sediment control requirements and expectations.
10	CON 7.C	Conduct outreach sessions to development community	⊙: Developers	October 12, 2004. Construction Site Planning and Management for Compliance with NPDES Requirements.	14 private developer representatives attended this training, sponsored by the Water Board and hosted at San Jose's Leninger Center.
10	CON 7.C PIP 1.C	Conduct outreach sessions to development community	⊙: Developers	February 16, 2005. Pre-Construction Training on San José Airport – North Concourse Project	Project Managers requested Stormwater BMP training for contractors and other stakeholders. Over 30 people attended.
10	NDC 2.B	Conduct outreach sessions to development community	⊙: Developers/ Consultant Engineers	Meetings held by PW on August 5, 2004, October 7, 2004, December 2, 2004, February 3, 2005, and April 7, 2005 with consulting engineers; bi-weekly meetings held with Evergreen Specific Plan consulting engineers; and meetings hosted by PBCE on August 12, 2004, October 8, 2004, December 10, 2004, February 11, 2005, March 25, 2005, and April 22, 2005 for developers and development consultants. Fact sheets were distributed June 2005.	Approximately 6-10 attendees were present at each meeting. Staff finds these meetings a very effective way to educate the engineering and development industry about hydraulic sizing requirements for structural stormwater treatment measures and Policy 6-29 revisions. Additionally, SCVURPPP and ESD staff made presentations on the HMP and consulting engineers and developers were asked for comments on the draft, revised, and Final HMP Reports as they were released for public review.
11	PM 6.D.	Create & provide fact sheets & materials to pesticide retailers to facilitate point-of-purchase outreach to support IPM Store Partnership Program	⊙	There are nine stores in San José participating in the IPM store partnership. This work is done at the Program level.	See Program Annual Report for details.

04-05 WORK PLAN ID#	URMP REFERENCE	ACTIVITY	OUTREACH TYPE	FY 04-05 STATUS	EVALUATION
11	PIP 1.A. PM 6.A. PM 6.F.	IPM Outreach at Orchard Supply Hardware stores	⊙: Home-owners	San José staff assisted Program staff with events, and provided fact sheets when needed.	Although the fact sheets are always available in the store, customers and store personnel may not take the time to read them. Holding in-store events from time to time draws attention to the fact sheet rack and the IPM messages. See Program Annual Report for additional details.
13	M 5.C. PIP 2.C. TRA 6	Tributary Tribune	⊙: Industrial	Newsletter published for industrial users permitted to the Water Pollution Control Plant. The Fall 2004 Tribune featured contact information for reporting spills to the storm drain. The Spring 2005 Tribune featured an insert with information on fluorescent lamp recycling, trash management, and pesticide management.	Tributary Tribune was published three times in FY 04-05. It goes to every Industrial User permitted to the San José/Santa Clara Water Pollution Control Plant (approximately 330). The Tributary Tribune web page generated 178 views from 154 visits in FY 04-05.
13	PIP 2.C.1 M 5.E.	Mercury Outreach	⊙	San José and Program staff assisted County with Mercury-related outreach for the County's Universal Waste grant activities.	See Program Annual Report for details.
23	PIP 2.C.1 PM 6.A. PM 6.B.	Pesticide Outreach	⊙	Participated in regional IPM campaign (Our Water Our World) through BACWA/BAPPG and SCVURPPP/BACWA. Pesticide messages delivered through Watershed Watch Campaign ads (Got Bugs? Campaign).	See Program Annual Report for details.
N/A	n/a	Storm Drain Stenciling	⊙: Commercial	City staff provided approximately 39 stencils to developers and private businesses for stenciling approximately 250 storm drain inlets. In addition, 109 English, 62 Spanish, and 24 Vietnamese "No Dumping! Flows To Bay" stencils were distributed by ESD Inspectors to commercial and industrial businesses.	Storm drain stencils are placed in locations that are highly visible to employees. Including the neighborhood creek name gives residents 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 drains inlets on a development.
N/A	PIP 1.A. PIP 2.C. PM 6.F. 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 Spring 2005 feature article was on composting and its benefits to the Watershed. Secondary article focused on Diazinon and how to properly dispose of it. National Rivers Cleanup Day was highlighted, as was Spring in Guadalupe Gardens and the Great American Litter Pick-up. A hyperlink to OWOW fact sheets and to watershedwatch.net was included on the website version.	The Curbside Courier is published twice a year as a Recycle Plus utility bill insert, reaching approximately 185,000 single-family households. Additionally, 2272 pageviews of the online version of the Curbside Courier were recorded from March through June 2005.

04-05 WORK PLAN ID#	URMP REFERENCE	ACTIVITY	OUTREACH TYPE	FY 04-05 STATUS	EVALUATION
N/A	TRA 6	Anti-Litter Program bill insert	⊙: Residential	A bill insert was created and distributed to San Jose residents in FY 04-05. It drew the connection between trash and creeks, listed BMPs for preventing trash from getting into creeks, and highlighted four "Adopt-a-spot" litter hotspots in creeks that need volunteers to help keep them clean. It was mailed out as part of the Municipal Water billing cycle in Winter 2004, and went to approximately 20,000 single-family and multi-family dwellings.	The flier prompted residents to call the City's Anti-litter Program (ALP). ALP did not formally track calls, but anecdotally the program received more calls after the flier went out. ALP requested any unused fliers, so they can use them for their outreach. The City altered the flier and used it again in July-August 2006. That activity will be reported in the FY 05-06 URMP Annual Report.
N/A	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 online version does not meet their needs.
N/A	IND 6 ICID 4 CB-3.B.	Roof Vent BMP for metal finishers and printed circuit board facilities	⊙: Metal Finishers and PCB Manufacturers	Distributed Roof Vent BMP along with a contact letter informing select businesses that their roofs may also be inspected as part of their scheduled stormwater inspection.	Letter sent to 102 facilities. Inspections started in Spring 05 and will continue through December 2005. An evaluation of the effort will be conducted at that time.
N/A	PIP 2.A. CB 11 TRA 6	Street Sweeping bill insert and web page	⊙: Residential	Bill insert included in the November-December billing cycle for Recycle Plus bills. Insert includes information on how street sweepers work, what they remove, and gives tips on how to maximize the effectiveness of street sweeping, such as moving vehicles off of the street on sweeping days.	Recycle Plus bill inserts reach approximately 185,000 single-family households. Additionally, 23 pageviews of the online version of the insert were recorded from August 2004 through June 2005.
N/A	PIP 2.C.1 PM 6.A. PM 6.B.	Diazinon stop-sale contact letter	⊙: Pesticide Retailers	Contact letter sent to the owners and managers of stores that may sell Diazinon products. Letter reminds retailers of the USEPA's stop-sale date for all diazinon outdoor non-agricultural use products. Letter directs stores to contact their distributors for buy-back information, and instructs them not to dump Diazinon down the drain, gutter or garbage.	Sent to 92 drug stores and small pesticide retailers in San José. These stores were targeted because of their small size, and due to the chance that their main business (which is not the sale of pesticides) would suggest they may have been missed by the larger USEPA mailing.
N/A	PIP 1.C	Franklin-McKinley School District SWPPP Training	⊙: School Custodial	Lecture, BMPs and discussion with School District employees about SWPPP implementation given by Watershed Enforcement.	15 attendees. The presentation was well received. Brochures on SWPPP-related BMPs and pollution prevention were distributed.

04-05 WORK PLAN ID#	URMP REFERENCE	ACTIVITY	OUTREACH TYPE	FY 04-05 STATUS	EVALUATION
			Staff		
Overall Assessment of Targeted Outreach activities			◎	FY 04-05's targeted outreach efforts focused on getting tailored messages out to a specific target audience, e.g. the Diazinon contact letter for small pesticide retailers, developers workshops, etc. The goal was to reach specific audiences that are missed with general outreach, to get pertinent information to those that need it, and to explore different methods of reaching different audiences. Targeted outreach in FY 04-05 used a variety of means to get the message out, from direct mailings to one-on-one training to media campaigns to training workshops. Face to face training, either singly or in groups, offers the greatest opportunity to connect with the target audience. But the number of people reached is small, and the investment of time and resources to reach those people is great.	
14	PIP 3.B.	Coastal Cleanup Day		September 18, 2004. Promoted event in the ESD newsletter and on the City web site.	Over 1,100 volunteers at 33 sites. Over 30,800 pounds of trash and over 6400 pounds of recyclables removed. 16 out of 33 cleanup sites were located in San José. Volunteers surveyed after the event. See the Santa Clara Valley Water District's Annual Report for details.
N/A	PIP 1.A.	Mayor's Volunteer Recognition Faire		October 7, 2004. Event held to recognize and thank everyone who volunteered in the City the previous year	WMI Public Participation Opportunities list and HHW Disposal information distributed.
N/A	PIP 1.A. PIP 3.A.1	Great American Pick Up		April 23, 2005. ESD, DOT, PBCE, Mayor' Office, City Manager's Office, Council Offices and PRNS planned & coordinated event in San José.	30 cleanup sites, 3 per Council District. Post-event recognition party had information from Cal Trans' "Don't Trash California" campaign, and City literature about litter in creeks. 370 volunteers participated, despite the rainy weather. The City plans to continue doing this event in future years.
15	PIP 3.A.1	National Rivers Cleanup Day		May 21, 2005. Promoted event in the ESD newsletter, in a Recycle Plus bill insert to all San José residents, and on the City web site.	682 volunteers at 28 sites. Over 15,000 pounds of trash and 1,400 pounds of recyclables removed. 17 out of 28 cleanup sites in the County were in San José. Volunteers surveyed after the event. See the Santa Clara Valley Water District's Annual Report for details.
N/A	PIP 3.A.	National Bike to Work Day		May 6, 2005. City hosted five "energizer stations" with drinks, give-aways and information to give out to bikers.	An estimated 218 people rode by or stopped at the City's energizer stations, a slight increase from last year's event. 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 3.B.1	Public Participation Opportunities List		Webpage download with a list of sixty groups and organizations which offer residents and businesses the opportunity to get involved with their Watershed.	No views or visits were recorded on the Public Participation Opportunities List download page. The City will look into different ways to promote this information.
	PIP 1.A	Anti-Litter Campaign		City initiative to expand litter awareness and	Provided free supplies for 23 group cleanups. Also, 895 new

04-05 WORK PLAN ID#	URMP REFERENCE	ACTIVITY	OUTREACH TYPE	FY 04-05 STATUS	EVALUATION
				encourage litter cleanups in San José.	Pick Up San José and Anti-Litter Volunteers were recruited.
Overall Assessment of Citizen Participation Outreach Activities				Tying efforts to pre-existing events such as Coastal Cleanup Day and National Rivers Week is a good way to maximize promotion. Advertising paid for by regional entities is a useful for raising awareness locally. Worked more closely with City's Anti-Litter campaign in FY 04-05, and plan on continuing that interdepartmental partnership.	
17	PIP 1.B.	Wacky Watersheds Workshops		October 30, 2004. Presented South Bay Water Connections curriculum to middle school educators within San José/Santa Clara Water Pollution Control Plant service area. The educators were also given a tour of the Don Edwards San Francisco Bay National Wildlife Refuge.	12 attendees. The City is working closely with the Schools and Youth Workgroup to develop a stipend program, to encourage greater attendance and to elicit greater feedback from teachers and generate long-term use of the curriculum.
18	PIP 1.B. PIP 1.C.	Water Awareness Program		Presentations focusing on Pollution Prevention. <i>It's Wet It's Wild It's Water!</i> Curriculum distributed to teachers. See 11.D: <i>FY 04-05 San José School Outreach</i> for details.	2893 people reached. 293 students in targeted grades 5-7 reached.
19	PIP 1	Slow the Flow		Grant to Don Edwards Alviso Environmental Education Center 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.	Slow the Flow program(s) reached 11,969 people during the year (21,196 including visits to the Center for self-guided tours and/or viewing the static exhibits.) There is an increase in interest from college groups as well as out-of-area groups. This year the program had an appearance at NASA for the week long Jason (Disappearing Wetlands) Project. This even drew over 6000 students and teachers. The game at this event was voted among the visitor's favorites. The Program's previous coordinator submitted an article on how the Slow the Flow program promotes watershed stewardship. It was published in the U.S. Fish and Wildlife Service's December 2004 edition of <i>Endangered Species Bulletin</i> . 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 93 and 100% of those questioned in exit exams recalled key messages of the presentations.
20	PIP 1.B.	Youth Watershed Education Grants		13 Grants awarded in FY 04-05. Seven Schools and six non-profits received grants. A total of \$43,538 was given in grants ranging from \$800 to \$5,000 each.	This year's grant cycle saw a steep decline in the number of grant applications and approvals. 13 grants were awarded in FY 04-05, as opposed to 4 in FY 03-04. Grant projects are ongoing, and will be evaluated at the end of the grant cycle.

04-05 WORK PLAN ID#	URMP REFERENCE	ACTIVITY	OUTREACH TYPE	FY 04-05 STATUS	EVALUATION
21	N/A	High School Activities		The City's Youth Watershed Education Team (YWET) chose to focus on wastewater messages for it's high school outreach in FY 04-05. With the production of the Oakland Museum of California watershed topographic maps in FY 05-06, YWET will partner with the Program to develop and pilot a package of materials for use at the High School level.	
22	N/A	Additional ZunZun Presentations		The City applied for a California Coastal Commission grant to fund fifty additional ZunZun presentations. Unfortunately the City did not win this grant.	
N/A	PIP 1.C.	Village School Science Fair Enviroscape Presentation		May 25, 2005. Stormwater presentation with Enviroscape watershed model presented at school's Science Fair.	Over 200 students and adults reached.
N/A	PIP 1.A. PIP 1.B. PIP 1.C.	Water Wizard Festival		May 27, 2005. Water education festival for 300 3rd graders from Summerdale, Taylor, Willow Glen and Bishop Elementary Schools in San José and Sunnyvale. The purpose of the Children's Water Wizard Festival was to increase the awareness of the importance of water and promote stewardship of water as a resource. ESD taught 2 activities related to our mission concerning water and watershed issues. The messages taught were: Pollution Prevention (P2), Difference between Storm and Sanitary Sewer Systems, Value of Recycled Water, Value of Treatment Plant, Importance of Soil and the Value of composting	300 students from San José public schools. Pre- and post-testing of each student showed knowledge increases in all areas: Up 7% in knowing that the water we use at home affects our rivers. (54% to 61%) Up 3% in knowing polluted water is not good to drink. (93% to 96%) Up 2% in knowing all living things need water. (96% to 98%) Up 38% in knowing that we live in a watershed. (28% to 66%)
		Overall Assessment of Education Outreach Activities		Education continues to be a vital component of San José'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. The increase in demand for Youth Watershed Education Grant services was offset by a decrease in the number of students reached with other City education programs. The City will look into partnering with the Anti-Litter Program's education efforts to increase the number of students who receive pollution prevention messages.	

FY 04-05 San José School Outreach

Program & Description	Contractor	Type of Program	Target Grade	Location	School Name	School Location	# Events Held	# Students Reached	Evaluation Included?
Bussing for Creek Program Bussing for San José students participating in Cupertino's 3 rd grade creek program	City of Cupertino	Teacher Training, Field Trip	3	See Cupertino data for details	See Cupertino data for details	San José	See Cupertino data	See Cupertino data	See Cupertino data
Youth Watershed Education Grant 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	13 grants to 7 schools and 6 non-formal education groups	multiple locations	13	5498	yes
Wacky Watersheds Workshop Hands-on training to explore the concepts of water use, wastewater treatment, pollution prevention and watershed protection	None (Partnered with RAFT)	Teacher Training	K-12 + college	RAFT	San José Conservation Corps Charter School, Menlo School, Morgan Hill Charter School, Springstone School, Cupertino Middle School, National Hispanic University, Tzu Chi Chinese School, St. Claire School, Union Middle School	San José	1	12 teachers	yes
Water Awareness Program 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 and non-formal education groups like the Boy Scouts.	San José Park Rangers	Presentation	5-7 th , but reached as young as 1 st and as old as 11 th .	San José	multiple schools and community events	San José	18	2893	Surveys given to teachers
It Goes With the Flow Presentation based on the South Bay Water Connections curriculum. Given to educators at 2 events: California Science Teachers Association Conference and Wacky Watersheds Workshop.	None	Teacher Training Workshop	5-12	Various	Multiple schools	multiple locations	2	36 (with a potential of 3804 students reached afterwards)	Surveys given to teachers
Enviroscape Presentation Presentation of stormwater messages and the Enviroscape watershed model at Village School Science Fair.	None	Presentation	K-5	Campbell	Village School	Campbell	1	Over 200	No

Program & Description	Contractor	Type of Program	Target Grade	Location	School Name	School Location	# Events Held	# Students Reached	Evaluation Included?
Water Wizard Festival May 27, 2005. Water education festival for 300 3rd graders. The purpose of the Children's Water Wizard Festival was to increase the awareness of the importance of water and promote stewardship of water as a resource. ESD taught 2 activities related to our mission concerning water and watershed issues. The messages taught were: Pollution Prevention (P2), Difference between Storm and Sanitary Sewer Systems, Value of Recycled Water, Value of Treatment Plant, Importance of Soil and the Value of composting	Guadalupe River Park and Gardens	Presentation	3	Guadalupe River Park and Gardens	Summerdale Elementary Taylor Elementary Willow Glen Elementary Bishop Elementary	San José Sunnyvale	1	300	yes
Slow the Flow 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, Other	5-12 th	Alviso Environmental Education Center	see below	n/a			yes
Special Events		Field Trip			not tracked by individual school		4	759	
Interpretive Programs		Field Trip			not tracked by individual school		21	300	
Teacher Orientation		Teacher Training			not tracked by individual school		0	0	
Field Trips		Field Trip			Total (Field Trips)		34	902	Exit surveys
Special Events		Field Trip			not tracked by individual school		2	300	
Outreach Presentations		Presentation			not tracked by individual school		3	6713	
Workshops		Teacher Training			not tracked by individual school		0	0	
Special Visits		Field Trip			not tracked by individual school		0	0	
Interactive Display Visitors		Other			not tracked by individual school		Daily/we	9500	
In Class Presentations		Presentation		Multiple locations	Multiple schools	Multiple locations	40	2722	Exit surveys

Outreach Materials Distributed

BMP Issued by Watershed Enforcement Inspectors	Dist. By Inspectors *	Other **
A Clear Look at Our Water booklet	40	171
Auto Dismantlers Best Management Practices brochure (Spanish)	19	0
Auto Dismantlers Best Management Practices brochure (Vietnamese)	5	0
Auto Dismantlers Best Management Practices brochure (English)	19	0
Auto Facts: How to Dispose of Automotive Fluids Correctly	41	0
Bay Begins (English)	575	154
Bay Begins (Spanish)	213	35
Bay Begins (Vietnamese)	101	35
Blueprint for a Clean Bay booklet	54	40
BMP for Hospitals and Health Care Facilities binder	1	0
BMP for Industrial Storm Water Pollution Control booklet	19	0
BMP for Machine Shops booklet	63	0
BMP for Printing and Photoprocessing Operations booklet	14	202
BMP for the Construction Industry – Earth-moving Activities tri-fold pamphlet	11	353
BMP for the Construction Industry – General Construction and Site Supervision tri-fold pamphlet	24	244
BMP for the Construction Industry – Heavy Equipment Operation tri-fold pamphlet	6	573
BMP for the Construction Industry – Home Repair and Remodeling		973
BMP for the Construction Industry – Landscaping, Gardening, and Pool Maintenance tri-fold pamphlet	5	413
BMP for the Construction Industry – Mortar Application tri-fold pamphlet	27	475
BMP for the Construction Industry – Painting and Application of Solvents and Adhesives tri-fold pamphlet	18	342
BMP for the Construction Industry – Roadwork and Paving tri-fold pamphlet	7	266
Builders Recycle Guide	2	0
Clean Bay Blueprint poster	25	30
Clean It	4	1
Construction Storm Water Pollution Control Compliance binder	3	0
Controlling Ants in your House (English)	2	55
Controlling Ants in your House (Spanish)	3	0
Controlling Aphids in your Garden	0	0
Controlling Snails and Slugs in your Garden	1	0
Controlling Yellowjackets around your Home	2	0
Cooling Towers Regulations, Pollution Prevention & Flow Reduction	0	642
Copper Plumbing and the Health of the Bay	0	462
Developments Protecting Water Quality: A guidebook of Site Design Examples	0	19
Dewatering from Construction Sites	16	15
Do It Right poster (Spanish/English)	71	15
Do It Right poster (Vietnamese/English)	38	0

BMP Issued by Watershed Enforcement Inspectors	Dist. By Inspectors *	Other **
Does Your Facility Need to be Covered by the General Permit?	0	39
Draining Pools and Spas	31	60
Discover How to Save Money	2	0
Endocrine Disrupting Compounds – WMI Information Sheet	0	157
Fat-Free Sewer – Grease	97	0
Fluorescent Tube Memo	0	20
Get Rid of your Household Hazardous Waste for Free! Tri-language trifold	0	371
Good Cleaning Practices to Protect Our Creeks and Bay tri-fold brochure (Chinese)	81	0
Good Cleaning Practices to Protect Our Creeks and Bay tri-fold brochure (English)	942	30
Good Cleaning Practices to Protect Our Creeks and Bay tri-fold brochure (Korean)	45	0
Good Cleaning Practices to Protect Our Creeks and Bay tri-fold brochure (Spanish)	572	30
Good Cleaning Practices to Protect Our Creeks and Bay tri-fold brochure (Vietnamese)	184	0
Grease Guide	302	0
Grease Management: Grease Trap Maintenance	12	65
Grease Management: Grease Interceptor Maintenance	10	65
Grease Management: Limitations on the use of Chemicals, Enzymes and Bacteria for Grease Removal	15	40
Grease Management: Vapor/Ventilation Hood Cleaning	13	65
Grease Management: Maintenance Documentation	12	65
Grease Management: Power Operated Grease Removal Devices	4	35
Grease Management: Good Cleaning Practices Folder	17	65
Grease Management: FOG Poster (Eng/Spa/Viet)	23	38
Grow-it!	0	250
Guidelines for Vehicle Service Facilities – Body Work pamphlet (English)	43	0
Guidelines for Vehicle Service Facilities – Body Work pamphlet (Spanish)	28	0
Guidelines for Vehicle Service Facilities – Body Work pamphlet (Vietnamese)	13	0
Guidelines for Vehicle Service Facilities – Changing Oil and Other Fluids pamphlet	82	0
Guidelines for Vehicle Service Facilities – Engine & Parts Cleaning and Radiator Flushing pamphlet	28	1
Guidelines for Vehicle Service Facilities – Keeping a Clean Shop pamphlet	91	0
Guidelines for Vehicle Service Facilities – Tips for Managers of Vehicle Service Facilities pamphlet	72	0
Guidelines for Vehicle Service Facilities – Washing Cars and Other Vehicles pamphlet (English)	40	0
Guidelines for Vehicle Service Facilities – Washing Cars and Other Vehicles pamphlet (Spanish)	33	0
Guidelines for Vehicle Service Facilities – Washing Cars and Other Vehicles pamphlet (Vietnamese)	7	0
Guidelines for Vehicle Service Facilities pamphlet set	1	0
Hazardous Waste Disposal Program for Small Businesses in Santa Clara County tri-fold brochure	34	0
Help Prevent Illegal Dumping	2	0
Home Maintenance Tips	81	60
Household Hazardous Waste Disposal Program in Santa Clara County tri-fold brochure	0	0
IC/ID Card for Concrete Work (English/Spanish/Vietnamese)	21	0
IC/ID Card for Engine Degreasing (English/Spanish/Vietnamese)	23	0
IC/ID Card for General Dumping Into Storm Drain (English/Spanish/Vietnamese)	175	0

BMP Issued by Watershed Enforcement Inspectors	Dist. By Inspectors *	Other **
IC/ID Card for Grey Water (English/Spanish/Vietnamese)	374	0
IC/ID Card for Landscape Maintenance (English/Spanish/Vietnamese)	9	0
IC/ID Card for Overwatering (English/Spanish/Vietnamese)	2	0
IC/ID Card for Painting (English/Spanish/Vietnamese)	31	0
IC/ID Card for Residential Car Washing (English/Spanish/Vietnamese)	19	0
IC/ID Card for Saw Cut Slurry (English/Spanish/Vietnamese)	3	0
IC/ID Card for Sediments (English/Spanish/Vietnamese)	11	20
IC/ID Card for Storing Landscape Materials (English/Spanish/Vietnamese)	7	0
IC/ID Card for Vehicle Fluids (English/Spanish/Vietnamese)	253	0
Keep Pollutants From the Drain Post-It Notes	6	0
Keep Your Shop in Tune and Protect the Bay poster	10	0
Keeping It All In Tune (English)	95	0
Keeping It All In Tune (Spanish)	28	0
Landscaping While Protecting Our Creeks	8	58
Managing Universal Waste in California: Rules for managing some common wastes	0	25
Mobile Cleaner BMP CETA stapled sheets	220	0
Paint – Safe Use and Disposal poster	1	0
Pens, 6-message	0	126
Pollution From Surface Cleaning glossy tri-fold folder	108	1
Pollution Prevention Tips for Carpet Cleaners tri-fold brochure	15	0
Post-it Note Pad	0	55
Preventing Storm Drain Pollution booklet	1,191	481
Resource Phone Card, Laminated	0	0
Resource Sheet for Storm Drain Protection	25	0
Resources for Pollution Prevention and Water Conservation	8	0
Restaurant Poster and Checklist	898	15
Safe Use and Disposal of Pesticides	0	90
Sanitary sewer tri-fold.	4	0
Santa Clara County Household Hazardous Waste brochure	10	0
Sawcut Slurry tri-fold brochure	10	65
South Bay Water Recycling Brochure	2	0
Spill Response Sheet	8	0
Storm Drain Permit Requirements Checklist	4	0
Storm Drain Stencil (English)	109	83
Storm Drain Stencil (Spanish)	62	77
Storm Drain Stencil (Vietnamese)	24	53
Storm Drain Stencil (creek-specific)	0	39
Streets & Traffic Brochure	3	0

BMP Issued by Watershed Enforcement Inspectors	Dist. By Inspectors *	Other **
Tips for a Healthy, Beautiful Lawn	0	90
Waste Audit Folder	1	0
Wastewater Paths	0	62
Wastewater Plan Check	0	101
Watershed Watch Kit (Eng)	0	26
We're Stenciling Curbs! (Eng)	0	2
We're Stenciling Curbs! (Span)	0	1
Where your water goes	3	1
Your Shop Can Make a Difference	54	0
Total	8181	8442

* = in accordance with IND 6.A.

** = includes events, permanent displays, website downloads, direct mailings, and trainings.

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12. MC: Municipal Compliance

12.A MC Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
MC 1	Municipal Training 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 04-05. NPDES C.3 technical training related to hydraulic sizing of post-construction treatment BMPs and inlet cleaning data collection were among the training needs identified.	ESD
MC 1.B	Develop curricula	As Needed	Done FY 04-05 for training noted in MC 1.A.	ESD
MC 1.C	Conduct training	Annually Ongoing	Done FY 04-05. See 12.D: <i>Municipal Employee Training Summary</i> .	ESD
MC 2	Municipal Facilities Assessment and Compliance 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. Annual Corp Yard stormwater inspections were completed in the first two quarters of 2005. In January 2005, a new Stormwater Inspection form was developed for the Corp Yard inspections. The new form lists general areas of concern, which are common to Corp Yards, to be inspected and includes sections for response/action taken to correct a concern, who took the action and the date the action was completed. Quarterly Hazardous Material inspections at the Corp Yards and Municipal Garage, which include stormwater issues, were conducted in FY 04-05.	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. Citywide Hazardous Materials Management meetings were conducted on October 5, 2004 and June 24, 2005. These meetings are conducted in order to provide staff with information and training on the correct handling and storage of hazardous materials, safety procedures, and stormwater best management practices.	GS, ESD, DOT, Fire, Police
MC 2.B	Municipal Facilities SWPPPs	Annually	Done. In FY 04-05, one corporation yard SWPPP – the Main Yard– was chosen to be the pilot for full revision which included the reformatting of the written SWPPP and the SWPPP maps. This revision was completed in June 2005 and is currently under review. In FY 04-05, electronic SWPP maps were developed for the Main	ESD, GS, DOT

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
			Corporation Yard, with the intent to develop maps for the remaining yards next year. In FY 05-06, a work plan will be developed for placing the remaining corporation yard SWPPPs onto the new format.	
MC 2.C	Develop and formalize policies to develop proper disposal of mercury containing products.	Deleted FY 03-04	Deleted. Superseded by Mercury Work Plan.	
MC 3	Integrated Pest Management Assist with development of performance standards for integrated pest management for municipal use and comply with requirements developed.			
MC 3.A	Assist with performance standard development	Done FY 01-02	Done FY 01-02.	
MC 3.B	Coordinate implementation of performance standard.	Deleted FY 03-04	Deleted. Superseded by PM Work Plan.	
MC 3.C	Create and update existing policies and ordinances.	Deleted FY 03-04	Deleted. Superseded by PM Work Plan.	

12.B MC Program Evaluation

ITEM No.	ACTIVITY	FY 04-05 EVALUATION	CHANGES FOR FY 05-06 (IF APPLICABLE)
MC 1	Municipal Training	<p>During FY 04-05, the City conducted municipal training for all required Program Elements. See 12D: Municipal Employee Training Summary. Staff training continues to be an integral component in San José's program. Highlights from this year's training include:</p> <p>1) The City contracted with RBF Consulting to conduct a series of NPDES C.3 technical training workshops over the course of five weeks. The in-depth training covered technical topics related to hydraulic sizing of post-construction treatment BMPs. It also included overviews of various types of post-construction treatment measures. Staff attended from five departments including Planning, Building and Code Enforcement; Public Works; Transportation; General Services; and Environmental Services. Approximately 61 staff attended.</p> <p>2) The City contracted with Storm Water Compliance Specialists Consulting to conduct a three-day training workshop for construction inspectors citywide. The training covered effective BMPs that contractors/developers should implement at construction sites. ESD staff discussed City Standard Operating Procedures on Construction Inspections. Approximately 116 inspectors from Public Works, PBCE Building, and ESD Watershed Enforcement attended.</p> <p>3) ESD staff conducted training for Department of Transportation field crews. The training covered stormwater BMPs and SOPs for PSR and SDO O&M activities including topics such as storm drain inlet and catch basin cleaning, electrical work, and street repair and marking. Approximately 160 DOT staff attended the training.</p>	
MC 2	Municipal Facilities Assessment and Compliance	<p>Annual Corp Yard stormwater inspections were completed in the first two quarters of 2005. The new Stormwater Inspection form for Corp Yards proved to be more organized and easier to use than the previous inspection report format. The new form also makes it easier to track staff responses to the concerns captured in the inspection report and whether further follow up is necessary. The form needs to be revised to address confusion on whether a listed area of concern is not applicable (activity and/or equipment not present at the facility) or is applicable (present at the facility) but not inspected during the inspection.</p> <p>Quarterly Hazardous Material inspections, which include stormwater issues, were conducted in FY 04-05.</p> <p>Two Citywide meetings to discuss Hazardous Material, Safety, and Stormwater issues were held on October 5, 2004 and June 24, 2005 – the semi-annual 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 quarterly hazardous material inspections, and the semi-annual meetings which include stormwater issues appears to be working well. The Corp Yards' general appearances have improved over the last several years and the concerns identified in the inspection reports are usually minor and resolved swiftly; concerns that are</p>	<p>The Corp Yard inspection form will be revised. Using the Main Yard revised SWPPP pilot process as a template. The City anticipates completion of full revisions for the 5 remaining Corp Yard SWPPPs over the next two years. Training on revised Corp Yard SWPPP BMPs will be conducted in FY 05-06 for all yards based on that developed for the pilot SWPPP at the Main Yard.</p>

ITEM No.	ACTIVITY	FY 04-05 EVALUATION	CHANGES FOR FY 05-06 (IF APPLICABLE)
		more significant are less frequently noted as the program is becoming part of the institution of the Corp Yards.	

12.C MC Response to Water Board Comments

No comments received from Water Board on this Program Element.

12.D MC Summary Tables / Additional Information

Municipal Employee Training Summary

PS ID #	DATE OF TRAINING	TOPIC	SPONSORED OR HELD BY	DIVISION/SECTION ATTENDING	# ATTENDED	TENTATIVE FY 05-06 SCHEDULE
ICID 3A & 3B	7/12/04-7/16/04	WE Annual Training on ICID, CON procedures & Update on Database	ESD Watershed Enforcement	ESD Watershed Enforcement Inspectors	12	TBD
ICID 3A & 3B	2/28/05-3/2/05	Inspector Training Enforcement, Stormwater Controls, Technology, Pollution Prevention Case Studies, and Stormwater Program Developments	CWEA Pretreatment, Pollution Prevention and Stormwater Conference Program	ESD Watershed Enforcement Inspectors, ESD Source Control Inspectors, ESD Urban Runoff, ESD Watershed Investigations, ESD Engineering	19	TBD
ICID 3A & 3B	4/07/05-4/08/05	Environmental Enforcement Data Management System	Enfotech	ESD Watershed Enforcement Inspectors	12	TBD
ICID 3A & 3B	5/24/05	Safety/Ergonomics Training	ESD WE	ESD Watershed Enforcement Inspectors	12	TBD
IND 5B & 5C	7/12/04-7/16/04	WE Annual Training on IND procedures & Restaurant Program	ESD Watershed Enforcement	ESD Watershed Enforcement Inspectors	12	TBD
IND 5B & 5C	9/13/04	Hazwop (Hazardous Waste Operations) Annual Refresher	Network Environmental Systems	ESD Watershed Enforcement Inspectors	2	TBD
IND 5B & 5C	4/05/05	Conducting Effective Stormwater Inspections of Industrial & Commercial Facilities Workshop	SCVURPPP	ESD Watershed Enforcement Inspectors	13	TBD
IND 5B & 5C	5/03/05, 5/10/05, 5/11/05	New Restaurant BMP	ESD Urban Runoff	ESD WE Enforcement Inspectors, ESD Engineering, ESD Source Control Inspectors	30	TBD
NDC 9A, 9B, & 9D	8/05/04	NPDES C.3 Training – Watershed Overview	ESD & PBCE	PBCE – Planning	31	TBD

PS ID #	DATE OF TRAINING	TOPIC	SPONSORED OR HELD BY	DIVISION/SECTION ATTENDING	# ATTENDED	TENTATIVE FY 05-06 SCHEDULE
NDC 9A, 9B, & 9D	10/08/04	NPDES C.3 Training – Watershed Overview	ESD & PW	PW – Storm/Utilities	14	TBD
NDC 9A, 9B, & 9D	10/02/04	NPDES C.3 Training – Storm Drain system Overview	ESD & PBCE	PBCE – Planning	25	TBD
NDC 9A, 9B, & 9D	11/02/04	NPDES C.3 Training – Resource Binder Overview	ESD & PW	PW – T&D	10	TBD
NDC 9A, 9B, & 9D	12/09/04	NPDES C.3 Training –Watershed Overview	ESD & PW	DOT – Engineering Services	4	TBD
NDC 9A, 9B, & 9D	12/09/04	NPDES C.3 Training – Key Requirements and Dates	ESD & PBCE	PBCE – Planning	25	TBD
NDC 9A, 9B, & 9D	1/19/05	Weekly - NPDES C.3 Training	ESD & PW	PW – T&D	17	TBD
NDC 9A, 9B, & 9D	2/02/05	Weekly - NPDES C.3 Training	ESD & PW	PW – T&D	14	TBD
NDC 9A, 9B, & 9D	2/03/05	NPDES C.3 Training – Swales and Pervious Paving	ESD & PBCE	PBCE – Planning	25	TBD
NDC 9A, 9B, & 9D	2/09/05	Weekly - NPDES C.3 Training	ESD & PW	PW – T&D	14	TBD
NDC 9A, 9B, & 9D	2/16/05	Weekly - NPDES C.3 Training	ESD & PW	PW – T&D	15	TBD
NDC 9A, 9B, & 9D	2/17/05	NPDES C.3 Training – Resource Binder Training	ESD & PBCE	PBCE – Planning	32	TBD
NDC 9A, 9B, & 9D	2/23/05	Weekly - NPDES C.3 Training	ESD & PW	PW – T&D	12	TBD
NDC 9A, 9B, & 9D	3/02/05	Weekly - NPDES C.3 Training	ESD & PW	PW – T&D	12	TBD
NDC 9A, 9B, & 9D	3/16/05	Weekly - NPDES C.3 Training	ESD & PW	PW – T&D	10	TBD
NDC 9A, 9B, & 9C	3/30/05	NPDES C.3 Technical Training, Session 1: Urban Stormwater Management Overview & Runoff Calculations	ESD & PW	PW, DOT, GS, PBCE	53	TBD
NDC 9A, 9B, & 9C	4/13/05	NPDES C.3 Technical Training, Session 2: Overview of Structural Best Management Practices (BMPs) & Design of filtration & Detention Methods	ESD & PW	PW, DOT, GS, PBCE	51	TBD
NDC 9A, 9B, & 9C	4/20/05	NPDES C.3 Technical Training, Session 3: Design of Infiltration & Mechanical Methods	ESD & PW	PW, DOT, GS, PBCE	49	TBD
NDC 9A, 9B, & 9C	4/27/05	NPDES C.3 Technical Training, Session 4: Overview of Site Improvements to Minimize Runoff	ESD & PW	PW, DOT, GS, PBCE	29	TBD

PS ID #	DATE OF TRAINING	TOPIC	SPONSORED OR HELD BY	DIVISION/SECTION ATTENDING	# ATTENDED	TENTATIVE FY 05-06 SCHEDULE
NDC 9A, 9B, & 9D	5/04/05	Weekly - NPDES C.3 Training	ESD & PW	PW – T&D	17	TBD
NDC 9A, 9B, & 9D	5/04/05	NPDES C.3 Product Presentation	ESD	PW – T&D, PW – CFAS, PBCE, DOT	17	TBD
NDC 9A, 9B, & 9D	5/11/05	Weekly - NPDES C.3 Training	ESD & PW	PW – T&D	15	TBD
NDC 9A, 9B, & 9D	5/13/05	BMP Selection Workshop	StormCon	ESD	1	TBD
NDC 9A, 9B, & 9D	5/18/05	Weekly - NPDES C.3 Training	ESD & PW	PW – T&D	8	TBD
NDC 9A, 9B, & 9C	6/01/05	Engineered Soils	ESD	PW, DOT, GS, PBCE	15	TBD
NDC 9A, 9B, & 9C	6/02/05	Update on Policy 6-29 Changes and Pros and Cons of Types of Stormwater BMPs	ESD & PBCE	PBCE	23	TBD
NDC 9A, 9B, & 9C	6/09/05	SCVURPPP BMP Maintenance and Inspections Workshop	SCVURPPP	ESD, PW, PRNS, DOT	20	TBD
CON 6C	9/09/04	Construction Site Planning and Management for Compliance with NPDES Requirements, Novato, California	Water Board	ESD WE Inspectors	3	9/05
CON 6C	10/12/04	Construction Site Planning and Management for Compliance with NPDES Requirements, San José, California	Water Board	ESD WE Inspectors ESD UR PW	8	10/05
CON 6C	10/13/04	Session 1: Erosion & Sediment Control Training for Private Development Inspectors	ESD & Consultant	PW Private Development Inspectors	15	10/05
CON 6C	10/13/04	Session 2: Erosion & Sediment Control Training for Municipal Project Inspectors	ESD & Consultant	PW Municipal Projects Inspectors	24	10/05
CON 6C	10/14/04	Session 3: Erosion & Sediment Control Training for Building Inspectors	ESD & Consultant	PBCE Building Inspectors	25	10/05
CON 6C	10/14/04	Session 4: Erosion & Sediment Control Training for Municipal Project Inspectors	ESD & Consultant	ESD Watershed Enforcement Inspectors, PW Municipal Project Inspectors	20	10/05
CON 6C	10/15/04	Session 5: Erosion & Sediment Control Training for Building Inspectors	ESD & Consultant	PBCE Building Inspectors	26	10/05
CON 6C	10/15/04	Session 6: Erosion & Sediment Control Training for Private Development Inspectors, Project	ESD & Consultant	PBCE, ESD, PW Inspectors	6	10/05

PS ID #	DATE OF TRAINING	TOPIC	SPONSORED OR HELD BY	DIVISION/SECTION ATTENDING	# ATTENDED	TENTATIVE FY 05-06 SCHEDULE
		Managers, & Engineers				
CON 6C	9/14/04	PBCE Inspection Management for Field Supervisors and Inspectors: Outreach to Project Builders; Construction Requirements for Large Projects; How to Handle Inspections, Enforcement, and Referrals	PBCE Inspection Management	Building specialty inspectors and supervisors	50	TBD
CON 6C	10/20/04	Same as above.	PBCE Inspection Management	All Building inspectors and supervisors	85	TBD
CON 6C	11/09/04	Same as above.	PBCE Inspection Management	Building specialty inspectors and supervisors	50	TBD
CON 6C	3/18/05	Issues with Enforcement at Construction Sites	ESD WE	PW Private Development Inspectors	12	TBD
CON 8A	12/09/04	Erosion & Sediment Control Training for CIP Project Managers	ESD & PW	PW – CIP Project Managers	29	12/05
PSR 3E & SDO 4B, PM 4B	5/10/05	DOT Crew Stormwater BMP/SOP Training	ESD	DOT – Field crews	19	05/06
PSR 3E & SDO 4B, PM 4B	5/11/05	DOT Crew Stormwater BMP/SOP Training	ESD	DOT – Field crews	29	05/06
PSR 3E & SDO 4B, PM 4B	5/12/05	DOT Crew Stormwater BMP/SOP Training	ESD	DOT – Field crews	20	05/06
PSR 3E & SDO 4B, PM 4B	5/16/05	DOT Crew Stormwater BMP/SOP Training	ESD	DOT – Field crews	10	05/06
PSR 3E & SDO 4B, PM 4B	5/18/05	DOT Crew Stormwater BMP/SOP Training	ESD	DOT – Field crews	47	05/06
PSR 3E & SDO 4B, PM 4B	5/19/05	DOT Crew Stormwater BMP/SOP Training	ESD	DOT – Field crews	36	05/06
PSR 3E.2	6/09/05	DOT Electrical Staff Stormwater BMP/SOP Training	ESD	DOT – Electrical staff	16	05/06
PSR 6C	10/27/04	PRNS Rural Public Works BMP/SOP Training	ESD	PRNS staff	29	10/05
SDO 3A & PSR 2A	6/28/05	DOT Contract Manager Training	ESD	DOT, PRNS, GS – Contract Managers	10	12/05
SDO 5A.1	9/08/04	DOT Inlet Cleaning Data Collection Training	DOT& ESD	DOT – Catch Basin Cleaning Crews	16	09/05
PM 4B	11/17/04	Green Cleaning and Pest Control Products at Home and Work	ESD Green Biz Team	ESD staff (various sections)	18	N/A
PM 4A, PM 4B	1/13/05	City of San José IPM Training	ESD, GS, DOT & Target	PRNS, GS, DOT	134	TBD

PS ID #	DATE OF TRAINING	TOPIC	SPONSORED OR HELD BY	DIVISION/SECTION ATTENDING	# ATTENDED	TENTATIVE FY 05-06 SCHEDULE
			Specialty Products			
PM 4B	2/28/05-3/2/05	Pesticide News: Potential Wastewater and Stormwater Problems; Preventing Urban Pesticide Pollution; Controlling Urban Pesticide Runoff	CWEA Pretreatment, Pollution Prevention and Stormwater Conference Program	ESD Watershed Enforcement Inspectors, ESD Source Control Inspectors, ESD Urban Runoff, ESD Watershed Investigations, ESD Engineering	19	TBD
PM 4B	3/16/05	Pesticides Use, Water Quality and Alternatives	ESD Green Biz Team	ESD staff (various sections)	18	N/A
PM 4B	5/18/05	Compost – Use it! Make it!	ESD Green Biz Team	ESD staff (various sections)	10	N/A
PM 4B	6/01/05	Toward a More Organic Golf Course; Tips and Tricks in Structural Pest Control; Bats-Bothers or Beneficials; Biocontrol of Cockroaches	9 th Annual San Francisco Integrated Pest Management Conference held by SF Department of the Environment	ESD (Watershed Protection staff)	1	TBD
PM 4B	6/14/05	IPM: Its Roots, Its Reality; Pesticides, Water and You: How the Pesticides We Use Affect Water Quality; Pesticides and Human Health; Ground Squirrel Control; How to Start an IPM Program	2nd Annual Regional IPM Conference held by the Regional IPM Alliance	ESD (Watershed Protection staff), GS, PRNS)	9	6/06
M 5C	8/18/04	New DTSC's Requirements for Recycling Fluorescent Tube Lamps	ESD & GS	GS (Facilities, Prusch Park, Purchasing/Warehouse, Custodial, Electrical)	11	TBD
M 5C	2/28/05-3/2/05	Mercury Product Recovery, Beyond Dental BMPs	CWEA Pretreatment, Pollution Prevention and Stormwater Conference Program	ESD Watershed Enforcement Inspectors, ESD Source Control Inspectors, ESD Urban Runoff, ESD Watershed Investigations, ESD Engineering	19	N/A
WUOM 3B	12/01/04	BMP Video on Selected Operation. FY 04-05: Tank Cleaning	ESD (Muni Water)	Muni Water Operations & Maintenance Crews	17	12/05
MC C	3/25/05	Impact of Trash on the Waterways & Update on Urban Runoff Projects Related to Trash	ESD - UR	ESD Mid-Managers	60	N/A
MC 2.A.1	6/24/05	Hazardous Material Management Refresher Training	GS	ESD, GS, DOT, PRNS	22	N/A

13. CNAP: Copper / Nickel Action Plans

13.A CNAP Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
CB-1	Vehicle Washing Operations			
CB-1.A.	Have member of San José team trained to lead mobile cleaners certification seminar.	Done FY 02-03	Done FY 02-03. City staff are available to train as needed.	ESD
CB-1.B.	Support Program in providing training to mobile surface cleaners.	Done FY 03-04 Next FY 05-06	Done FY 03-04. BASMAA now has training available online. City now refers requests for training to the BASMAA website.	ESD
CB-1.B.1	Promote list of certified mobile cleaning service providers.	Ongoing	Done FY 04-05. 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.	Done FY 03-04 Continue in FY 04-05 pending implementation by Program.	Done FY 04-05. Watershed Watch campaign partnered with Classic Car Wash to provide discounted car washes with the Watershed Watch card. See 11.D: <i>PIP Activities</i> for details.	ESD
CB-1.D.	Develop and distribute charity car wash outreach material.	Done FY 02-03	Done FY 02-03.	
CB-3	Industrial Discharges			
CB-3.A.	Work with Program to discuss results of CSJ outreach efforts and potentially develop improvements to the IND Performance Standard.	6/30/05	Done FY 04-05. Outreach efforts were presented to the IND AHTG. It was determined that no changes needed to be made to the Performance Standard based on outreach efforts. The Management Committee approved the revised IND Performance Standard in February 2005.	
CB-3.B.	Publish BMP info on copper from roof vents.	Done FY 01-02	Done FY 01-02.	ESD
CB-3.C.	Continue distribution of info regarding copper from roof vents. Develop BMP for distribution and mail to permitted industries.	Done FY 03-04 Distribution Ongoing	Done FY 03-04 and distribution is ongoing. Information is available on ESD website. The Roof Vent BMP was also distributed to pertinent Industrial Users in San José, along with a cover letter informing IUs of the potential for roof inspections at their facilities. See CB-3.C.1 for details.	ESD
CB-3.C.1	Follow up with pertinent dischargers to evaluate need for additional effort.	6/30/05	Done. Pertinent dischargers were identified using 1997 <i>Industrial Stormwater Monitoring Pilot</i> study. A program to inspect the roofs of pertinent dischargers began in FY 04-05 and will continue into FY 05-06. The need for additional effort will be evaluated once the inspection program is complete.	ESD-WE
CB-3.D.	Continue NOI Filers project.	Ongoing	Done. See IND section. NOI requirements are taught at Industrial User Academy. Watershed Enforcement	ESD-WE

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
			inspectors check for NOI status as part of routine facility inspections and educate as needed. A package of BMPs and information on the GIASP was sent to 178 pertinent dischargers in San José in May 2005.	
CB-6	Reduce Traffic Congestion			
CB-6.A.	Summarize San José efforts that address traffic congestion management.	Done FY 03-04	Done FY 03-04.	ESD PBCE Planning
CB-8	Watershed Assessments and New Development			
	See NDC section for details on San José implementation of C.3 permit provisions.		See NDC section for details on San José implementation of C.3 permit provisions.	
CB-11	Street Sweeping and Storm System O&M			
CB-11.A.	Track quantitative data on the tons of material removed and disposed and other relevant street sweeping program data.	Annually	Done. Residential street sweeping frequency is once per month. In FY 04-05, the area in which parking restrictions are enforced was again broadened from 120 curb miles in to 160 curb miles in FY 04-05, double what it was 2 years ago. The intent has been to maximize the cost effectiveness of the program. In FY 04-05, approximately 9,819 tons of debris were collected during all street sweeping operations. See 6.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 04-05, approximately 1,183 cubic yards of debris were removed. See 7.A: <i>SDO Work Plan Self Evaluation Matrix</i> for details.	ESD-IWM, DOT
CB-12	Pools and Spas			
CB-12.A.	Work with SCVURPPP to develop outreach material directed at pool owners.	Done FY 02-03	Done FY 02-03.	ESD, Program
CB-12.B.	Work with SCVURPPP to develop and implement distribution plan for the pool materials.	Done FY 03-04	Done FY 03-04.	ESD
CB-12.C.	Distribute outreach materials at events, public counters, and post on City website.	Ongoing	Done. See Section 11.D: <i>PIP Activities</i> .	ESD
CB-21	Architectural use of copper			
CB-21.A.	Continue to discourage architectural use of copper during Planning application review.	Ongoing	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 NDC 8.D.	ESD, PBCE-Planning, PW, RDA
CB-21.B.	Continue to monitor progress of San José Green Building program to identify opportunities for	Ongoing	Ongoing. ESD has a dedicated LEED certified staff person who reviews public projects and advises City staff	ESD, PW, RDA, PBCE-Planning

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
	discouraging architectural use of copper.		on Green Building materials and techniques, including discouraging architectural use of copper.	
NB-1	Discharges from Construction Sites			
NB-1.A.	See NDC and CON program elements for activities that address erosion control.	Ongoing	Ongoing. See NDC and CON program elements for activities that address erosion control.	

13.B CNAP Program Evaluation

Measures to control copper discharges that require implementation at the Co-permittee level have been integrated into ongoing program elements. Copper and Nickel remain among the list of pollutants addressed by general and targeted outreach regarding stormwater pollution prevention. In addition to the activities described above, the City also actively participates in semi-annual meetings with the Water Board and other stakeholders to review implementation of the Copper and Nickel Action Plans. Additionally, the City provides the monitoring and data analysis used to evaluate water quality trigger levels associated with the Copper and Nickel Action Plans.

In FY 04-05, the City's Watershed Enforcement Program began a project to include additional rooftop inspections of select facilities. The purpose is to evaluate the degree of BMP implementation with respect to rooftop sources of pollution. Facilities were selected by SIC code based on the 1998 *Industrial Stormwater Quality Monitoring Pilot Project's* recommendations of facilities with a potential for significant contribution to polluted stormwater runoff. Contact letters and the Roof Vent BMP Fact Sheet were mailed to the selected facilities. Inspections will continue into FY 05-06, and the project will be evaluated in the FY 05-06 Annual Report.

The City completed its NOI Filers Project in FY 04-05. 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 Storm Water Enforcement Act of 1998 (AB 2019). The City sent the contact package to 178 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.)

Initially the contact package was to be sent out to all facilities with the above criteria AND with the SIC code identified in the 1998 *Industrial Stormwater Quality Monitoring Pilot Project*. However, the City decided to send the information to all facilities in our database which may be subject to the GIASP.

In response, three calls and one letter were received from facilities requiring additional information. The letter was given to that facility's Inspector, and the facility is on the FY 05-06 schedule for IND Inspections. Two callers stated they had already filed their NOI and wished to know if there were additional requirements. The City referred them to the Water Board for further information. The third used the Checklist and self-determined that they had no exposure. The City told them that the GIASP only applied to facilities in Categories 8 and 10 (of which this facility was, see criteria above) with exposure, and that Watershed Enforcement Inspectors also make exposure determination as part of their stormwater inspection. The City plans to repeat this outreach program to facilities in FY 05-06 as it evaluates the effectiveness of the mailer on business compliance with GIASP NOI requirements.

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.

13.C CNAP Response to Water Board Comments

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

13.D CNAP Summary Tables / Additional Information

No additional information for this Program Element.

14. TRA: Trash

14.A TRA Work Plan Self Evaluation Matrix

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
TRA 1	Inventory, Document and Evaluate Trash Management Practices			
TRA 1.A.	Complete Program survey of existing trash management practices.	Done FY 02-03	Done FY 02-03.	ESD
TRA 2	Document and Map Known Trash Problem Areas			
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 3	Conduct Trash Evaluations			
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 Training Workshop.	5/31/04	Done. Training was held on July 16,2004. Two representatives from the City of San José participated. The morning session covered the Rapid Trash Assessment methodology and in the afternoon session covered the Keep America Beautiful assessment methodology.	ESD
TRA 3.D.	Identify which entities will conduct trash evaluations (e.g. municipal staff, volunteer groups, etc.).	Done FY 03-04	Done FY 03-04.	ESD
TRA 3.E.	Conduct trash evaluations and submit to Program staff:	--	--	ESD
TRA 3.E.1	Coyote Watershed	12/31/04	Done. Assessments of litter hotspots were completed at the 18 litter hotspots identified in the Coyote Watershed. The Rapid Trash Assessment was used at 3 locations and the KAB Litter Index was used at the remaining 16 sites. Accessibility limited the sites at which RTA could be used. See 14.D: <i>Trash Problem Area Activity Report</i> .	ESD
TRA 3.E.2	Remaining San José locations	FY 05-06	Scheduled for FY 05-06.	ESD
TRA 4	Develop Standardized Documentation and Reporting Format			
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

ITEM No.	ACTIVITY	COMPLIANCE DATE	FY 04-05 STATUS	RESPONSIBLE PARTY
TRA 5	Document and Analyze Evaluation Results; Identify and Prioritize Trash Problem Areas			
TRA 5.A.	Assist Program staff with the documentation and analysis of trash evaluation results.	12/31/04	Done FY 04-05 and ongoing. The City submitted trash assessment data to Program for compilation. Participated in meetings with other co-permittees to discuss next steps based on initial assessments.	ESD
TRA 5.B.	Identify high priority trash areas using trash evaluation results:	--	--	ESD
TRA 5.B.1	Coyote Watershed	12/31/04	Done FY 04-05. Classified sites with a KAB Litter Index score of 3 (littered) or 4 (extremely littered) were included on the list of high priority areas. All sites with trash in creek waters were included on the high priority list.	ESD
TRA 5.B.2	Remaining San José locations	FY 05-06	Scheduled for FY 05-06.	ESD
TRA 6	Identify and Implement Trash Management Practices			
TRA 6.A.	Identify reasonable trash management practices to address high priority areas (in TRA 5B).	Ongoing (Start 7/31/04)	Done FY 04-05. The assessment for each site includes a listing of existing and recommended trash management practices. See TRA 14.D: <i>Trash Problem Area Activity Report</i> .	ESD, PRNS, GS
TRA 6.B.	Begin implementation or refinement of trash management practices at high priority areas to the maximum extent practicable.	Ongoing (Start 1/31/05)	Ongoing. Partnered with District to cleanup a significant in-creek trash accumulation at one of the high priority trash sites (SJ27). Supported NRCD efforts at site SJ28. Provided general outreach to solicit volunteers for Anti Litter Program hotspots located near or along creeks. See 11.D: <i>PIP Activities</i>	ESD, PRNS, GS
TRA 6.C.	Document and report implementation of trash management actions.	7/31/05	See TRA 14.D: <i>Trash Problem Area Activity Report</i> .	ESD
TRA 7	Review and Update Performance Standards Relevant to Trash Management			
TRA 7.A.	Assist with the review and update of existing standards that address BMPs or control measures relevant to trash management.	4/30/05	Pending Program implementation.	ESD

14.B TRA Program Evaluation

Trash assessments, hotspot prioritization, and maximizing trash management practices were the priority activities for FY 04-05. Trash assessments of the Coyote Watershed hotspots were completed using both the Keep America Beautiful (KAB) Litter Index and the EPA Rapid Trash Assessment (RTA) methodologies. The original intent was to use the KAB methodology only in areas outside the immediate vicinity of the creek. However, due to safety concerns and access limitations it was necessary to use the KAB to assess most creek area trash hotspots. The RTA was successfully used at 3 trash hotspot locations on the Coyote Creek. Seven "high priority" hotspots were designated based the presence of trash in the creek bed and/or a score of 3 (littered) or 4 (extremely littered) on the KAB Litter Index.

The assessment exercise provided useful information regarding the type and potential sources of trash and offered insight into the effectiveness of existing trash management practices. The most commonly found items at litter hotspots include assorted convenience food wrappers and cups, bottles (plastic and glass), plastic bags,

and packing foam pieces. In many cases, the trash appeared to have been transported by wind or air to the trash hotspots. Most assessed sites showed evidence of vehicular and pedestrian sources of litter. Illegal dumping and homeless encampment refuse were identified at a lesser number of locations.

The trash assessments revealed that existing trash management activities are sufficient at most locations assessed, but that enhancements are needed in others. Only 4 of the 15 sites assessed using the KAB methodology earned a score of 3 (littered) or 4 (extremely littered), indicating a need for improvement. These sites were placed on the high priority list for follow up action. The trash management practices at the remaining 11 sites appeared to be working well based on observations at the time of the assessment. Ten sites on the trash hotspot list are included in the City's Anti-Litter Program litter spots list and are adopted by community members and/or cleaned periodically by City crews. A majority of the Anti-Litter sites were found in good condition, scoring 1 (no litter) or 2 (slightly littered) indicating that the Anti Litter Program efforts are effective. There were a few exceptions, however, where ALP sites scored 3 or 4. The RTA assessment methodology was applied at 3 sites (See TRA 14.D: *Trash Problem Area Activity Report*), which were also listed as high priority.

The City began efforts to refine trash management practices at high priority locations and in general to address potential impacts to creeks. The City and Santa Clara Valley Water District (District) partnered to cleanup a large in-creek trash accumulation at one of the designated high priority locations (See 14.D: Trash Summary Tables). Following this initial cleanup, the City and District executed a Trash Memorandum of Agreement that represents a formal commitment for the agencies to coordinate where possible to achieve the common goal of cleaner creeks. The MOA provisions include up to three partnered cleanup projects per year. Cleanups under this MOA are not limited to sites on the hotspot list. During the week of June 21, 2005, a heavily trashed stretch of bank along the Coyote Creek, not included on the hotspot list, was cleaned as part of the Trash MOA yielding approximately 4.5 tons of garbage. Additional, partnered cleanup projects will occur over the summer months. Trash management enhancement efforts were also focused on expanding the reach of the Anti-Litter Program as its efforts are instrumental in preventing litter from entering storm drains and reaching the waterways. This was accomplished primarily through outreach, but also through partnering with the Anti-Litter Program to retain a collection vehicle. Staff attempted to maximize public outreach opportunities to raise awareness about the connection between litter on the streets and pollution of creeks and the Bay and to encourage the public not to litter and to participate in creek cleanup activities. (See 11.D: *PIP Activities*).

In FY 05-06 the City's strategy is to continue trash assessments of hotspots and efforts to maximize trash management practices at high priority sites. Assessments will be repeated at the high priority sites in the Coyote Watershed to track change over time. In addition, initial assessments will be done at the remaining San José locations on the trash hotspot list. ESD will continue to work with PRNS, GS and community partners to find solutions for persistent litter hotspots. The City will continue to participate in Program efforts to address the issue of trash, and is evaluating a number of additional activities for FY 05-06 and beyond including outreach and structural controls.

14.C TRA Response to Water Board Comments

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

14.D TRA Summary Tables / Additional Information

Trash Problem Area Activity Report

#	DATE	SITE ID	WATERSHED	LOCATION	ASSESSMENT METHOD	TRASH SOURCE	SCORE	TRASH MANAGEMENT ACTION	COMMENTS
1.	9/23/04	SJ03	Coyote	Santa Clara between 17thSt and 20th St.	KAB	TNC	3	<ul style="list-style-type: none"> ▪ Consider general outreach and education to the neighboring community. ▪ This location is on the Anti Litter Program hotspot list and has been adopted. 	<ul style="list-style-type: none"> ▪ Litter observed on creek bank at bridge at Roosevelt Park. ▪ Litter receptacles are present in park. ▪ Santa Clara is a busy street, so vehicular litter may contribute to the problem.
2.	9/22/04	SJ04	Coyote	North side of Suncrest Dr from Perie Ln to Colonial Ln.	KAB	TNC	1	<ul style="list-style-type: none"> ▪ Area is posted with signs indicating \$1,000 fines for littering. ▪ This location is on the Anti Litter Program hotspot list and has been adopted. 	<ul style="list-style-type: none"> ▪ This location is very clean. Almost no litter visible. ▪ Area did not appear to be close to a creek area. ▪ Not recommended for future assessment.
3.	9/24/05	SJ05	Coyote	Summer between Dobern Av and dead end along Hwy 680	KAB	TNC	2	<ul style="list-style-type: none"> ▪ Submitted request to have "Flows to Bay" stencils repainted. ▪ "No littering" signs are posted. ▪ Consider what measures Cal Trans can take to address the litter on their property around storm drain inlet. ▪ This location is on the Anti Litter Program hotspot list, but has not been adopted. City crews periodically clean un-adopted sites. 	<ul style="list-style-type: none"> ▪ A noticeable amount of litter is visible at the location. ▪ Paint had worn and was unreadable on storm drain stencil located at the corner of Summer and Dobern. ▪ Cal Trans storm drain inlet is located at the bottom of slope, behind fenced area adjacent to 680.
4.	10/1/04	SJ07	Coyote	Penitencia Creek near Creekland Circle to Mabury Road	RTA	TCA	86/45	<ul style="list-style-type: none"> ▪ Consider placement of a garbage receptacle along the trail to help deter littering. ▪ This location is on the Anti Litter Program hotspot list, but has not been adopted. City crews periodically clean un-adopted sites. ▪ Consider additional practices after future assessment. 	<ul style="list-style-type: none"> ▪ The site appeared relatively clean so maintenance efforts in place are somewhat effective. ▪ Removed trash while at the site. Found a number of discarded beverage containers.
5.	9/22/04	SJ08	Coyote	Penitencia Creek between Gateview Dr and Jackson Av on north side of Mossdale	KAB	TCA	1	<ul style="list-style-type: none"> ▪ Trash and recyclables receptacles are placed at the trailhead. ▪ Boulders are placed to prevent access for illegal dumping. ▪ A group of community volunteers 	<ul style="list-style-type: none"> ▪ Volunteers have received support from the City Trails Program, County Parks and Water District. This walkway connects residential area and Light Rail Station.

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#	DATE	SITE ID	WATERSHED	LOCATION	ASSESSMENT METHOD	TRASH SOURCE	SCORE	TRASH MANAGEMENT ACTION	COMMENTS
								<ul style="list-style-type: none"> actively maintains the pathway. ▪ Consider additional fencing along certain areas to further deter illegal dumping. ▪ This location is on the Anti Litter Program hotspot list and has been adopted. 	<ul style="list-style-type: none"> ▪ No trash was observed in creek. The area was very clean with the exception of one incident of illegal dumping. Focus of assessment was on trail, so used KAB rather than RTA.
6.	9/23/04	SJ09	Coyote	East side of King Rd (between Chopin and Enesco Av)	KAB	TNC	1	<ul style="list-style-type: none"> ▪ Consider general anti litter outreach. ▪ This location is on the Anti Litter Program hotspot list and has been adopted. 	<ul style="list-style-type: none"> ▪ Area appeared mostly litter free. Noticed only a few litter items on the road and some in flood control area.
7.	9/24/04	SJ10	Coyote	680 Pedestrian overpass (at Sunset and Lavonne Av)	KAB	TNC	2	<ul style="list-style-type: none"> ▪ Consider follow up with Cal Trans regarding maintenance of the area. ▪ This location is on the Anti Litter Program hotspot list and has been adopted. 	<ul style="list-style-type: none"> ▪ This location appears to be Cal Trans property. ▪ This area does not appear to be very near a creek. ▪ Litter was not visible on lot at the foot of the bridge. Along the back fence were illegally dumped bags of garbage. Some litter found in the walkway.
8.	9/23/04	SJ12	Coyote	Thompson Creek Area from Aborn Rd to Quimby Rd	KAB	TCA	1	<ul style="list-style-type: none"> ▪ Water District placed boulders to block access to illegal dumpers. ▪ Abandoned cart reported to City for pick up. ▪ This location is on the Anti Litter Program hotspot list and has been adopted. 	<ul style="list-style-type: none"> ▪ Entered area at Pelly and Scottsdale. ▪ Area appeared very clean. Anti Litter Program effort seems effective. ▪ Identified an abandoned shopping cart in the area. ▪ Future assessment probably not needed.
9.	9/23/04	SJ13	Coyote	South side of Aborn Rd from Kettman Rd to White Rd	KAB	TNC	1	<ul style="list-style-type: none"> ▪ This location is on the list of Anti Litter Program hotspot list, but has not been adopted. City crews maintain un-adopted locations. 	<ul style="list-style-type: none"> ▪ Current efforts seem to be effective. Area along Aborn looked very clean. Did not see any litter. ▪ This location does not appear to be near a creek. Not recommended for future assessment.
10.	9/24/04	SJ22	Coyote	Capitol Park located at Peter Pan and Bambi Ln	KAB	TNC	1	<ul style="list-style-type: none"> ▪ Consider outreach to the adjacent Mildred Goss Middle School. ▪ Consider better signs around dumpster enclosure to help to deter illegal dumping. ▪ Consider targeted outreach to the neighborhood. ▪ This park is on the Adopt a Park list and has been adopted. 	<ul style="list-style-type: none"> ▪ Park was very clean at the time of assessment; however, the parks maintenance staff reported that the park is trashed on a regular basis. ▪ Some illegal dumping occurs on site. Park staff sometimes receives help from the General Assistance program labor.

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Annual Report FY 2004-2005*

#	DATE	SITE ID	WATERSHED	LOCATION	ASSESSMENT METHOD	TRASH SOURCE	SCORE	TRASH MANAGEMENT ACTION	COMMENTS
11.	9/23/04	SJ11	Coyote	East end of Yerba Buena Park along Yerba Buena Rd to Villa Vista Av	KAB	TCA	2	<ul style="list-style-type: none"> ▪ Consider advertising need for litter cleanup volunteers and/or outreach at Evergreen Community College. ▪ Consider placing garbage receptacles along this area. ▪ This location is on the Anti Litter Program hotspot list but has not been adopted. City crews periodically maintain un-adopted locations. 	<ul style="list-style-type: none"> ▪ Evaluated 100 ft creek area running from the creek to the roadside. Accessibility prevents use of RTA. ▪ Trash was visible in creek near path. Some evidence of illegal dumping. Area is somewhat hidden. Cars park in this area. ▪ Some pedestrian foot traffic. ▪ Steep bank would make clean up difficult.
12.	10/1/04	SJ23	Coyote	Evergreen Park located at Yerba Buena Rd and San Felipe Road	RTA	TNC	60/135	<ul style="list-style-type: none"> ▪ Consider contacting the Longs Drugs Store located near the park to remove shopping carts stolen from their business on an ongoing basis. ▪ Consider recruiting stores at the nearby strip mall to help spread the anti litter message. ▪ Consider placing garbage/recycling containers near the pedestrian bridge. ▪ Consider outreach at Evergreen Community College. ▪ This park is on the Adopt a Park list and has been adopted. 	<ul style="list-style-type: none"> ▪ Unable to access most of west bank due to poison oak and thick brush. ▪ Found lots of items from nearby restaurants including Panda Express, McDonalds, Starbucks, and Jamba Juice. ▪ No water in creek bed at time of assessment.
13.	9/22/04	SJ24	Coyote	Fernish Park located at Fernish and Rubion	KAB	TNC	1	<ul style="list-style-type: none"> ▪ Consider outreach to neighboring schools (Mt. Pleasant Elementary School and middle school) to help curb littering. ▪ Consider contacting park supervisor to determine whether park is typically as clean as observed. ▪ This park is on the Adopt a Park list and has been adopted. 	<ul style="list-style-type: none"> ▪ This location was clean and does not seem close enough to a creek to have an impact. ▪ The very small amount of litter identified was likely generated by path users. ▪ The area at the Guluzzo/ Questa side of park had a very small amount of garbage, mostly wrappers. ▪ Parks maintenance staff reported this site as a problem.
14.	9/23/04	SJ26	Coyote	Watson Park located at E. Jackson St and 22 nd St	KAB	TNC	2	<ul style="list-style-type: none"> ▪ Several trash receptacles are placed in the main park area. ▪ Consider placing additional trash receptacles closer to the trail area to help limit littering. ▪ This park is on the Adopt a Park list and has been adopted. 	<ul style="list-style-type: none"> ▪ The evaluation included general park area above creek bank and walkway. ▪ Lots of newspaper, plastic and bottles were found. ▪ Homeless and daytime park users are the likely litter generators. ▪ This site was reported by parks maintenance as a litter problem area.

#	DATE	SITE ID	WATERSHED	LOCATION	ASSESSMENT METHOD	TRASH SOURCE	SCORE	TRASH MANAGEMENT ACTION	COMMENTS
15.	9/14/04	SJ27	Coyote	Coyote Creek between Berryessa Rd and Mabury Rd (south side of Flea Market)	KAB	TCA	4	<ul style="list-style-type: none"> ▪ City and Water District conducted a cleanup of a large trash accumulation during week of 9/13/04. District crews trimmed the vegetation causing the trash accumulation. City provided disposal of garbage removed from the creek. ▪ Consider additional practices after future assessment. 	<ul style="list-style-type: none"> ▪ RTA was not used at this location because it is not a wadable area. ▪ A community member reported site as a problem area.
16.	9/14/04	SJ28	Coyote	Coyote Creek at Julian Street Bridge near San José Academy	KAB	TCA	3	<ul style="list-style-type: none"> ▪ Consider how to remove the illegally dumped items and prevent future illegal dumping. ▪ Consider investigating opportunities to partner with community groups to maintain the area. ▪ Consider targeted outreach to San José Academy. 	<ul style="list-style-type: none"> ▪ This location is along a somewhat busy roadway and is next to the San José Academy. ▪ A significant amount of litter and some illegal dumping was observed in the area. ▪ RTA not possible due to access limitations. ▪ A community member reported this area as a litter problem area.
17.	9/23/04	SJ30	Coyote	Coyote Creek at Upper Penitencia Creek (confluence and areas adjacent to flea market)	KAB	TCA	3	<ul style="list-style-type: none"> ▪ Consider partnering with Flea Market to do anti litter outreach and address trash management practices. ▪ Consider additional practices after future assessment. 	<ul style="list-style-type: none"> ▪ At the time of the assessment no litter was observed in the waterway. ▪ Some litter was visible on banks, especially opposite fence surrounding parking. ▪ Limited accessibility prevented use of RTA. ▪ A community member reported this site as a litter problem area. ▪ Need to confirm ownership of creek area. Flea Market may only own one side.
18	10/7/04	SJ29	Coyote	Coyote Creek at Watson Park between Lower Silver confluence and Mabury Rd bridge	RTA	TCA	39/162	<ul style="list-style-type: none"> ▪ Consider placement of additional trash receptacles closer to the creek. ▪ Consider and pursue options for removing the shopping carts and mesh fencing from the creek bed. ▪ This park is included on the Adopt a Park list and has been adopted. 	<ul style="list-style-type: none"> ▪ Lots of trash was wrapped around trees at high water mark. ▪ Homeless appear to be active in the area. ▪ Access limited on the bank opposite park due to steepness. ▪ A community member reported this site.

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

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

TNC = Trash not in creek (but may contribute to creek); TCA = Trash in creek from accumulation (either waterborne or windborne); TCID = Trash in creek from illegal dumping.

Glossary

ABBREVIATION	DESCRIPTION
AHTG	Ad Hoc Task Group
AOC	Area of Concern
BACWA	Bay Area Clean Water Agencies
BAPPG	Bay Area Pollution Prevention Group
BASMAA	Bay Area Stormwater Management Agency Association
BMP	Best Management Practice
CAE	Department of Conventions, Arts & Entertainment
CAO	City Attorney Office
CEP	Clean Estuary Partnership
CEQA	California Environmental Quality Act
CETA	Cleaning Equipment Trade Association
CGASP	General Construction Activity Stormwater Discharge Permit
CIP	Capital Improvement Program
CNAP	Copper & Nickel Action Plans
CON	Construction Inspection
DEH	Santa Clara County Department of Environmental Health
DOT	Department of Transportation
DPR	Department of Pesticide Regulation
DTSC	Department of Toxic Substances Control
ECP	Erosion Control Plan
EE	Environmental Enforcement
EEDMS	Environmental Enforcement Data Management System
EIR	Environmental Impact Report
ESD	Environmental Services Department
FOG	Fats, Oils, and Grease
GIASP	General Industrial Activity Stormwater Permit
GIS	Geographic Information System
GS	General Services Department
HHW	Household Hazardous Waste
HMP	Hydromodification Management Plan
ICID	Illicit Connection/Illegal Dumping
IMSPAR	Infrastructure Maintenance Division Storm Drain System Problem Area Report
IND	Industrial/Commercial Discharger Inspection Program
IPM	Integrated Pest Management
IWM	Integrated Waste Management
KAB	Keep America Beautiful
M	Mercury
Marcom	Marketing and Communications

ABBREVIATION	DESCRIPTION
MC	Municipal Compliance
MDN	Mercury Deposition Network
MDN	National Mercury Deposition Network
MEP	Maximum Extent Practicable
MOA	Memorandum of Agreement
MON	Monitoring
Muni Water	City of San José Municipal Water System
NDC	New and Redevelopment
NEPA	National Environmental Protection Act
NOI	Notice of Intent
NPDES	National Pollutant Discharge Elimination Program
NPS	Non-point Source Pollution
O&M	Operation and Maintenance
OWOW	Our Water Our World
PBCE	Department of Planning, Building & Code Enforcement
PCB	Poly Chlorinated Biphenyl
PCO	Pest Control Operator
PIP	Public Information and Participation
Planning	Planning Division of PBCE
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
RDA	Redevelopment Agency
RFQ	Requests for Quotation
RMP	San Francisco Bay Regional Monitoring Program
RPW	Rural Public Works
RTA	Rapid Trash Assessment
RWQCB	Regional Water Quality Control Board (Water Board)
SCBWMI	Santa Clara Basin Watershed Management Initiative
SCP	Stormwater Control Plan
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
SOP	Standard Operating Procedure
SWMP	Storm Water Management Plan
SWPPP	Storm Water Pollution Prevention Plan
TDS	PW (Transportation & Development Services)
The City	The City of San José

ABBREVIATION	DESCRIPTION
TMDL	Total Maximum Daily Load
TRA	Trash
UR	Urban Runoff section of ESD
URMP	Urban Runoff Management Plan
WE	Watershed Enforcement section of ESD
WEO	Watershed Education & Outreach
WMI	Watershed Management Initiative
WUOM	Water Utilities Operations and Maintenance
WUPPP	Water Utility Pollution Prevention Program
YWET	Youth Watershed Education Team