

MCM Assessment and Evaluation

Public Education and Outreach - PEO

Coastal Clean-up Day: The City again participated in the annual Coastal Cleanup Day. City staff participated with the community in collecting debris and by providing containers and picking up the accumulated debris.

Public Works Week: Staff erected and manned a booth the City prepared specifically for Storm water education. The booth was maintained at the Public Library and at the Corporation yard during the Open House for citizens.

Pet Waste Management: The City also participates in extending the program to provide plastic bags for pet waste along the trails along the straights. This has proven successful as the materials provided are being conspicuously used.

Grade School Program: Staff through the P2 Coordinator participates in the Grade 3-5 elementary School Program. The program this last year was presented in grades 2, 3 4, 5 and 6. It reached 10 teachers and 200 2nd grade students, 240 3rd graders, 340 4th Graders, and 240 5th Graders. A pilot program "Tracking Albatross and Tracking Trash" was developed, implemented and evaluated and a total of five 6th grade classes, approximately 150 students participated in 10 classroom presentations and lab activities.

Water Awareness: Staff maintained a booth on water awareness at the Framers Market and at the City Library as part of 2006 Public Works Week activities.

Public Involvement and Participation - PIP

Drainage Inlet Markers: The City supported a group of high school students who installed "Only Rain Down the Drain" inlet markers throughout the older part of town below the freeway and down to the waterfront in the neighborhood of the high school. The students installed in excess of 500 inlet markers. The effect of this program and the newspaper coverage has been that other citizens have requested to install these markers in their neighborhoods.

Public Workshop: A public workshop was conducted at the City Council to heighten awareness. This will be repeated in the New Ordinance process.

Household Hazardous Waste Collection: The City of Benicia contracts with Napa County for the disposal of non-recyclable Household Hazardous Waste. The city spends approximately \$25,000.00 annually (\$75.00 per citizen drop off).

**Illicit
Discharge
Detection and
Elimination -
IDDE**

Develop and Adopt and Ordinance: Staff has developed an Ordinance for Stormwater Management as well as a revised Grading and Erosion Control Ordinance, which is going through the public hearing and City Council approval process.

Enforcement Response Plan: The City developed an Enforcement Response Plan for guidance on the necessary actions in the event of illicit discharges. To date there have not been any need for mobilizing the plan; however, training is being developed for the upcoming reporting year.^c

Outfall Maps: A number of years ago, the City made a significant investment in preparing a set of utility plans to support City staff in the maintenance of City owned water and sewer facilities. Staff maintains those maps through updates during the development review and construction process.

Sewer Smart Summit: Maintenance staff attended the ABAG Sewer Smart Summit in May 2006.

**Construction
Site Storm
Water Runoff
Control - CON**

Develop and Adopt and Ordinance: Staff has developed an Ordinance for Stormwater Management as well as a revised Grading and Erosion Control Ordinance. They are going through the Council approval process.

Site Inspections: Sites were conducted consisting of pre-rainy season inspections to ensure that all BMPs required by the SWPPP were in place.

For the sites that are below the 1-acre threshold, inspections were performed to ensure that there were no practices that would create a risk of polluting runoff.

All sites were inspected after each rainfall, that is, a storm defined as having a potential of ¼-inch of rainfall. All inspections were recorded and entered into the database for analysis.

Draft Brochure: Staff has as part of post development guidance, developed application material in the form of brochure that goes to source treatment control and BMP design. This document is undergoing final review and will aid City staff in educating developers and their contractors in the proper practices in water quality protection. The brochure will be a part of every permit.

Review of Sites for SWPPP Compliance: Staff reviews the contractor submitted SWPPP. Staff maintains a record of all such plans and inspects erosion and sediment control facilities for compliance with the plan.

^cSee Enforcement Response Plan – (Attachment A)

**Post
Construction
Storm Water
Management -
POST**

Draft Brochure: Staff has as part of post development guidance, developed application material in the form of brochure that goes to source treatment control and BMP design. This document is undergoing final review and will aid City staff in educating developers and their contractors in the proper practices in water quality protection. The brochure will be a part of every permit.

Develop Standard Conditions of Approval: Staff has developed Draft Standard Conditions of Approval^d. They are currently in the process of staff review and approval.

Develop a Maintenance Schedule for inspection and Maintenance of Storm Water Facilities on Public and Private Property: Staff has begun work on the plan, however, there currently are no such public or private facilities in the City to be inspected or maintained.

**Municipal
Operations
Good
Housekeeping
Pollution
Prevention
MUNI**

Street Sweeping: The City ensures that a contract sweeper sweeps the streets monthly. During the current reporting period (March 05), the street sweeping schedule was updated and distributed by mail to all Benicia residents.

Equipment Maintenance: City staff ensures that all work on vehicles is performed in covered areas so the no pollutions from automotive work will enter the storm drain system. The vehicle wash area is surrounded by an asphalt berm so the runoff from car and truck washing goes into the sanitary sewer and not the storm drain. The vacuum truck dumps material collected from inlets at the wastewater treatment plant for processing through the wet debris bins.

Inlet Cleaning: All inlets are inspected and inlets that are known to have a history of debris problems are regularly cleaned and inspected before the rainy season.

Integrated Pest Management: Parks and Community Services staff does no spraying of pesticides. In order to spray herbicides, each staff member of the Parks maintenance crew must be certified bi-annually with 4 hours in laws and regulations and 16 hours in other related courses. The certification is tracked and monitored by the department secretary.

Materials Storage: All materials are stored in secured areas so that rain intrusion will be a minimum and that runoff from stockpile areas will not enter the storm drain system.

^d See Standard Conditions of Approval (Attachment B)

Utility Maintenance: Maintenance workers who maintain the City's water and sewer systems are certified and trained in the proper protection of the storm drain system during repair and maintenance of the utility systems.

MCM Assessment and Evaluation

Annual Highlights

Public Education & Awareness

FY 04-05

- Developed a Draft Stormwater Management and Discharge Control Ordinance
- Prepared a Draft Revision to the Grading Ordinance
- Presented a SWMP Briefing to all City Staff
- Prepared Draft Training Material for Staff in Stormwater Quality

FY 05-06

- Scheduled the Stormwater Ordinance for Council Reading and Adoption
- Scheduled the Revised Grading Ordinance for Council Reading and Adoption
- Water Awareness Booth at the library and Farmer's Market for Public Works Week

Public Involvement and Participation

FY 04-05

- Participated in Coastal Cleanup Day
- Presented a Clean Water Booth at Public Works Week Events

FY 05-06

- Participated in Coastal Cleanup Day
- Presented a Clean Water Booth at Public Works Week Events

Illicit Discharge Detection and Elimination

FY 04-05

- Developed and Emergency Response Plan
- Prepared a Specific Organization Chart
- Maintained City Outfall Maps

FY 05-06

- Developed a Sewer Management Plan FOG Plan
- Developed a Sewer System Management Plan
- Attended the ABAG Sewer Smart Summit in May

**Construction
Site Storm
Water Runoff
Control**

FY 04-05

- Developed a Site Inspection Plan
- Created and implemented a new Inspection Form

FY 05-06

- Scheduled the Stormwater Ordinance for Council Reading and Adoption
- Scheduled the Revised Grading Ordinance for Council Reading and Adoption
- Performed 138 Stormwater Inspections
- Created two additional Measurable Goals for 06-07 Annual Report:
 1. Prepare a written procedure for development plan checks.
 2. Prepare a written procedure for development inspections

**Post
Construction
Storm Water
Management**

FY 04-05

- Developed a Draft Project Application for Development
- Developed a Draft Pollution Source checklist
- Developed a Treatment Control Design

FY 05-06

- Revised and Expanded the Treatment Control Design Guidance based on comments
- Participated in a joint guidebook for North bay Post Construction Stormwater Best Management Practices
- Participated in a Post Construction BMP Workshop for Phase II Municipalities.

**Pollution
Prevention for
Municipal
Operations**

FY 04-05

- Collected 617 ton of recyclable material.
- Abated 13 hazardous material spills.
- Identified areas for parking restrictions to facilitate street sweeping.

- Swept all streets monthly.
- Cleaned all drain inlets in high risk areas

FY 05-06

- Removed 830 cubic yards of material during street cleaning.
- As part of Coastal Cleanup Day, collected 7733 pounds of trash and 639 pounds of recyclables from 11 miles of coastline.
- Conducted Street Sweeper operations review, revised schedule and distributed new schedule to all Benicia residents.
- In conjunction with ABAG Plan Corporation, a Sanitary Sewer Overflow & Backup Response Plan was developed which the Maintenance staff for guidance utilizes. We also developed Emergency Response Plan, which includes a spill response plan.
- Parks and Community Services utilize the PAPA Seminars to maintain staff certification on the use of herbicides. (papaseminars.com)

II. Background/History

City of Benicia^e

The City of Benicia has a population of approximately 29,000 and is located approximately 35 miles northeast of San Francisco and 57 miles southwest of Sacramento^f. It was founded in 1847 along the north shore of the Carquinez Strait, where the combined flows of the Sacramento and San Joaquin rivers have cut a deep gorge through the Coast Range. The Strait is a crucial link in northern California's inland waterway, connecting San Pablo Bay and San Francisco Bay to the west with the Sacramento and San Joaquin River deltas to the east. Through the Strait, ocean-going ships can reach the deepwater Port of Benicia or continue on to the Central Valley ports of Sacramento and Stockton. All the City's storm water is conveyed both by natural and man-made channels and drainage culverts to the Carquinez Strait or Suisun Bay.

Geographic and Land Use Description^g

The boundaries of the watersheds located within the City of Benicia are the Carquinez Strait (southerly), the Lake Herman/Sky Valley/Paddy Creek areas (northerly) the City of Vallejo (westerly), and Suisun Bay (easterly). The watershed includes the following sub-basins:

- Sulfur Springs Creek/Lake Herman
- Goodyear Slough/Industrial Park (northeasterly section)
- Benicia Urban Areas

All the sub-basins are served by natural or constructed drainage systems, such as creeks, ditches, underground piping, and storm drain culverts. The climate in Solano County is typically dry in the summer with mostly seasonal rainfall between October and April. The ten-year average annual precipitation over the basin is 19.01 inches. General area-wide storms of two or three days in duration produce most of the rainfall.

The terrain within the sub basin is quite diverse. There are steep hills north of Military and Highway 780. Flat and rolling terrain extends to the south and east including most of the industrial park. Benicia consists of four distinct areas: Southampton, Benicia Industrial Park, Downtown City area, and the undeveloped area surrounding Lake Herman. The most intensively developed areas within the Benicia city limits include the downtown City area with a central commercial district and the area along Southampton Road, with medium to high density residential land uses and a commercial shopping center. The total land area is approximately 13 square miles.

The Lake Herman watershed is located in Solano County between the cities of Vallejo and Benicia. The northern portion of the watershed lies within the city limits of Vallejo and the southern portion lies within the sphere of influence of Benicia. Lake Herman is the major body of water in the drainage basin, and is located on Sulfur Springs Creek about two miles north of

^e Excerpted from approved SWMP

^f See Benicia Vicinity Map (Attachment A to the 2004-05 Annual Report)

^g Excerpted from approved SWMP

downtown Benicia. Sulfur Springs Creek is the main channel traversing the basin, with the area north of Lake Herman called Sky Valley. The watershed includes Sulfur Springs Mountain range to the west as well as lesser ridges to the north, east, and south. Sulfur Springs Mountain has a peak elevation of 1000 feet. The Lake Herman drainage basin covers an area approximately ten square miles.

The primary land use in the watershed is agricultural; there are several beef cattle ranches, a small dairy, and an abandoned walnut orchard. Syar Industries, an aggregate mining firm, has facilities near the western end of the watershed. The majority of their operations lie outside the watershed; however, the company is proposing to expand their operation to the top of the ridge of Sulfur Springs Mountain of which the eastern slope is within the watershed.

In addition to several ranch homes, there are several residences within the watershed located on Lake Herman Road west of the lake. The grading and infrastructure of a residential subdivision, Hiddenbrooke, was put in place in the early 90s in Upper Sky Valley. Home construction is underway and scheduled for completion during the next several years. A golf course has been operating in the Hiddenbrooke area since 1991. This entire area drains to a retention basin and ultimately into Lake Herman.

Storm Water Characteristics^h

The storm water collected and discharged into the Carquinez Strait is composed of non-point source runoff from streets and parking lots, commercial and residential property, parks, and open space. There are no known cross-connections with the City's separate sanitary sewer system; the City has completely inspected one section, the East Second Street/Marina area drainage basin, and found four cross-connections between storm and sewer lines. These cross connections were repaired in 2000. The City inspects storm drains for cross connection with the sanitary sewer system on an as-needed basis.

Pollutants of Concernⁱ

An important aspect of a water quality control plan, such as this SWMP, is an assessment of the beneficial uses that are to be protected. The beneficial uses are defined by California's Porter-Cologne Water Quality Control Act and include boating, swimming, and fishing. Impacts from agriculture runoff, hillside development, and urban runoff have resulted in the Clean Water Act Section 303(d) listing of the Carquinez Strait for Mercury, Copper and Diazinon.

Mercury and Diazinon^j

The Carquinez Strait is listed on the Clean Water Act's 303(d) list due to impairment for multiple constituents. The City has identified two constituents listed as high to medium priority pollutants on the EPA's 2002 303(d) list for which storm water controls may have a positive influence. The constituents, their priority status and pollutant source are listed below:

^h Excerpted from approved SWMP

ⁱ Excerpted from approved SWMP

^j Excerpted from approved SWMP

CONSTITUENTS	PRIORITY	POLLUTANT SOURCE
Mercury	High Priority	Industrial Point Sources, Resource Extraction, Atmospheric Deposition, Natural Sources and Nonpoint Sources
Diazinon	Medium	Non-point Sources, Urban Runoff

Lake Herman is identified as significant surface water in the RWQCB – SF Bay Region Basin Plan. Lake Herman is part of the Suisun Bay Hydrologic planning area and is listed as being impaired with respect to Mercury, but of a low priority. In the event of an emergency Lake Herman Reservoir may be used as a backup drinking water source for the City. Hastings Mine within the Sulfur Spring Creek watershed is listed as an inactive mercury mine on figure 4-5 of the Basin Plan.

III Summary

See Attached Excel Spreadsheet

III. Summary and Evaluation

Public Involvement Participation

Activity / Best Management Practices		2005-2006 Implementation Plan	Quantifiable Target (QT) / Evaluation Tool	Status			Evaluation		
				Implemented	Not Implemented	Modified	QT Achieved	QT Not Achieved	Unknown
Citizen Public Workshop									
1	Workshop	Annual Presentation to the City Council at a Public Workshop	Workshop Conducted	X			X		
Summary:		FY 05-06 - The workshop is conducted to help control discharge for pollutants into the storm drain by presenting to Council, in a workshop environment, information about what the City is doing and how the public can contribute to improving stormwater quality. This was a power point presentation given by City Staff. It is electronically available for viewing on the City's Website in the Stormwater Management Plan's link.							
Storm Drain Stenciling									
3	Revise Stenciling Plan	Revise Storm Drain Stenciling Plan	Plan Revised and Implemented	X			X		
Summary:		FY 04-05: - The City continued to require developers to install placards at inlets and maintain them until the improvements were accepted for public ownership and maintenance FY 05-06 The City's Storm Drain Stenciling program was revised in FY 05/06 to high school volunteers who were provided with instructions and a material kit. The storm drain-labeling project is a requirement for Phase 1 and may fulfill the requirement for the general Phase II NPDES storm water discharge permits. While the City has been requiring all new development to install curb placards/stencils, the City developed a project whereby a major portion of the older part of the City was canvassed and new placards installed. The number installed was 500.							
5	Household Hazardous Waste Collection	Schedule and Advertise HHW Collection Days	Collection Completed and Amounts Recorded	X			X		
Summary:		FY 05/06 - This was a new activity for the City program							
7	Coastal Cleanup Day	Promote and Participate in the Event	Cleanup Day Completed and the Number of Participants and Amount of Garbage Collected Increased	X			X		
Summary:		FY 04-05: - The City participated in the Coastal Cleanup day and drew 807 volunteers and collected 8,583 pounds of trash, continued to require developers to install placards at inlets and maintain them until the improvements were accepted for public ownership and maintenance. FY 05-06:- As part of Coastal Cleanup Day, collected 7733 pounds of trash and 639 pounds of recyclables from 11 miles of coastline.							

III. Summary and Evaluation

Public Education Outreach

Activity / Best Management Practices		2005-2006 Implementation Plan	Quantifiable Target (QT) / Evaluation Tool	Status			Evaluation		
				Implemented	Not Implemented	Modified	QT Achieved	QT Not Achieved	Unknown
Characterize General Public									
2.b. 2.f	Review Data	Compile Survey Data on Level of Awareness	Prepare and Distribute Promotional Information	X		X			
On-going Summary:		This was a goal for 2005-06 that was modified. The data will be collected and compiled for analysis in FY 06-07. Please see the Goals and Modifications Section of this Annual Report for the Justification							
Develop a Stormwater Booth									
4	Develop a Storm water Booth	Develop a Booth to Inform the Public	Use the Booth at Civic Events	X			X		
On-going Summary:		FY 04-05 An information booth on storm water has been developed and was used at Public Works Week events FY 05-06 The booth was again used for display and presentation at Public Works Week and as an ongoing activity it will be used again in May of 2007.							
Enhance Stormwater Education									
5.a	Enhance the Storm Water Education Program Components for Grades 3 through 5	Review Other Agency Programs	Determine Message and Include in Presentation	X			X		
On-going Summary:		The City has been participation in the grade 3 through 5 education program since before the SWMP was adopted. The City has consistently enhanced the program and believes it has established a leadership position with its program facilitator among children in the 3rd, 4th and 5th Grades.							

III. Summary and Evaluation

Illicit Discharge

Activity / Best Management Practices		2005-2006 Implementation Plan	Quantifiable Target (QT) / Evaluation Tool	Status			Evaluation		
				Implemented	Not Implemented	Modified	QT Achieved	QT Not Achieved	Unknown
Enforcement Response Plan									
1.a.	Establish Structure	Develop and Enforcement Prevention Plan and Organization Structure	Inspect all of the City's Eligible Businesses once every five years or 20% of the City's Businesses a year	X		X			
Summary:		FY 05-06 - The goal has been modified with staff implementing the draft document while it continues through review and comment which includes the organization structure and responsibilities. Staff has be effective in recognizing and abating illicit discharges and will be planning the implementation of a draft Enforcement Prevention Program and it's structure.							
1.e	Develop and Adopt an Ordinance	Review other Agencies Ordinances	Ordinance Developed	X		X	X		
Summary:		FY 04-05- Staff developed a draft ordinance from other agency ordinances. FY 05-06- The goal has been modified with staff completing review of the draft and having held initial reading at Council for adoption. Staff has be effective in recognizing and abating illicit discharges.							
2.b	Refresher Training	Annually Train Staff to Recognize Illicit Discharges	Administer a Survey at the Beginning and End of Training	X		X	X		
Summary:		FY 05-06- The goal has been modified with staff implementing the draft document while it continues through adoption. Staff has be effective in recognizing and abating illicit discharges							
3	Develop Outfall Maps	Identify Gaps	Data Gaps Identified	X			X		
Summary:		FY 04-05- Staff reviewed the storm drain maps and confirmed all information. FY 05-06- Staff has maintained the maps to ensure that no new systems are installed that are not included in the storm drain maps							
4.a	Develop Enforcement Response Plan	Develop an Enforcement Response Plan	Publish Plan for Use	X		X	X		
Summary:		FY 04-05 - The City developed an ERP and provided it to staff for implementation and conducted training. A database was also developed to house the data collected. FY 05-06 - The goal has been modified as staff is continuing to use the draft document. The City continued its use of the draft ERP while it is undergoing review and comment by the City Engineer.							

III. Summary and Evaluation

Construction Site Storm Water Runoff Control

Activity / Best Management Practices		2005-2006 Implementation Plan	Quantifiable Target (QT) / Evaluation Tool	Status			Evaluation		
				Implemented	Not Implemented	Modified	QT Achieved	QT Not Achieved	Unknown
Construction Review / Inspection									
1	Stormwater Management and Discharge Control Ordinance	Develop an Ordinance and revise the Grading ordinance requiring Erosion Control Plans, use of BMP's and City building and Public Work Inspections.	Completion of ordinance update			X			
Summary:		FY 04-05 - Staff has created a draft Grading Ordinance that require the use of Erosion Control Plans. The Planning Department and City Engineer ensure that projects have erosion control plans and BMP's are in place during the wet season. FY 05-06 - The Goal has been modified in that staff review and approval through the City Attorney's Office was a more lengthy process than anticipated. Staff has forwarded the ordinances to Council for reading and adoption. Please see the Goals and Modifications section. The adoption will occur in October 2006							
2.a	Draft Brochures	Develop a brochure explaining the permit process	Create Brochure	X			X		
Summary:		FY 05-06 - Staff developed a draft application that was comprised of a Project Application Guidance, Pollution Source Checklist, and Treatment Control Design Guidance. The draft is in review in the City Engineer's office.							
2.b	Distribute Brochure	Attach to all building and grading permits	Brochures distributed to match the number of permits	X		X			
Summary:		FY 05-06 - Please see the Goals and Modifications Section of the Annual Report. This goal is modified because of a complete turnover in the Planning Department rendering coherent review and distribution impossible. Now that staff has stabilized, the material is continuing through the review process.							
3.a.	Construction Site Erosion Control Workshop	Staff to attend Workshop held by the RWQCB of the SF Estuary Institute	Staff trained			X			
Summary:		FY 05-06 - Please see the Goals and Modifications Section of the Annual Report. This goal is modified because no training was conducted.							

III. Summary and Evaluation

Construction Site Storm Water Runoff Control

Activity / Best Management Practices		2005-2006 Implementation Plan	Quantifiable Target (QT) / Evaluation Tool	Status			Evaluation		
				Implemented	Not Implemented	Modified	QT Achieved	QT Not Achieved	Unknown
3.b	Review Project Proposals for RWQCB General Construction Permit Compliance	Review project applications and site plans	Checklist prepared and implemented	X			X		
Summary:		FY 05-06 - Staff continues to review all applications for compliance with the General Construction Permit by requiring a SWPPP where applicable							
3.c	Construction Site Inspection	Develop inspection forms and training	Forms published and used, staff trained			X			
Summary:		FY 04-05 - Staff developed the construction site inspection form and conducted training FY 05-06 - Please see the Goals and Modifications Section of the Annual Report. The forms are in hand and were partially used. Training is being planned to be conducted.							
3.d	Construction Site Erosion Control Workshop	Develop a Program for Contractors	Program Conducted			X			
Summary:		FY 05-06 - Please see the Goals and Modifications Section of the Annual Report. This goal is modified as only local staff training was available and because of the turnover in Planning staff appropriate internal review was not able to be completed.							
3.e	Train all Employees in Construction Runoff Controls	All Involved Employees to Receive Training	Pre and Post Survey for Effectiveness Evaluation			X			
Summary:		FY 04-05 - All City Engineering Inspector were given training in erosion control. This activity was an advancing of the FY 05-06 implementation date. A pre and post survey will be conducted during the 06-07 refresher training FY05-06 -This goal has been modified. The implementation of this activity is planned for 2006-07. The City did not have the funding or staff needed to implement this Measurable Goal in 2005-06. A request to Council for funding and staffing is expected in 2006-07.							
3.g	Pre-Storm Inspections	Inspect All Construction Sites Before Rainy Season	All Sites Inspected	X			X		

III. Summary and Evaluation

Construction Site Storm Water Runoff Control

Activity / Best Management Practices		2005-2006 Implementation Plan	Quantifiable Target (QT) / Evaluation Tool	Status			Evaluation		
				Implemented	Not Implemented	Modified	QT Achieved	QT Not Achieved	Unknown
Summary:		FY 04-05 - Staff continued the practice of sending out pre-rainy season notices and inspecting all sites for the installation of BMP's per a current approved SWPPP. FY 05-06 - Again staff sent out pre-season notices and inspected 100% of the projects permitted. The attached data base will concur with our completion percentage.							
3.h	Post Storm Inspections	Inspect all Construction Sites Within 48 hours of a Storm Event of 1/4-inch of Rainfall.	Ensure 50% of Sites Are In Full Compliance	X			X		
Summary:		FY 04-05 - Staff has had the practice of inspection to a 100% compliance standard FY 05-06 - Staff again inspected 100% of all construction sites within the 48 hour period.							
4	Prepare an Information and Complaint Receipt, Distribution and Reaction Procedure	Prepare an Emergency Communication and Responsibility Flow Chart	Flow Chart and Phone Lists Published			X			
Summary:		FY 04-05 - Staff prepared the draft ERP with the responsibility flow charts FY 05-06 - Please see the Goals and Modification Section of the Annual Report for this Goals Modification and Justification. Staff has circulated the draft for comment and completion of the phone lists.							

III. Summary and Evaluation

Post Construction Storm Water Management

Activity / Best Management Practices		2005-2006 Implementation Plan	Quantifiable Target (QT) / Evaluation Tool	Status			Evaluation		
				Implemented	Not Implemented	Modified	QT Achieved	QT Not Achieved	Unknown
Guidance for Structural and Non-structural Storm water Controls									
2.a	Develop Guidance	Develop a Guidance Documents That Reflects Requirements for Development	Guidance Document Developed	X			X		
Summary:		FY 05-06 Staff developed the Development Application, Source Control Checklist and the treatment Control Design Guidance							
2.c	Develop a Program to Maintain Structural Controls	Conduct an Inventory and Develop a System to Integrate with a Schedule for Regular Maintenance	Conduct Four Inspections	X			X		
Summary:		FY 05-06 Staff has begun work on a plan, however, there currently are no such private structural facilities in the City to schedule inspections for or to inspect as the development applications were well in advance of the requirements for formal structural controls. However, the City still requires development to adhere to maximum extent practicable with no direct connections to the storm drain system and no increase in runoff from the pre construction to the post construction condition.							
2.d	Develop Standard Conditions of Approval	Create a Standard Set of Conditions of Approval to Apply to Development	Standard Development Conditions Created	X			X		
Summary:		FY 05-06 Staff developed the draft COA's for development							
2.g	Develop Inspection and Maintenance Schedule for Public Facilities	Develop an Inspection and Maintenance Schedule to Maximize Efficiency	Completed Inspection and Maintenance Schedule			X			
Summary:		FY 05-06 As mentioned above, staff has begun work on the plan but as of yet there are no such facilities in the City to schedule inspection and maintenance for.							
2.h	Develop Inspection and Maintenance Schedule on Private Developments	Develop an Inspection and Maintenance Schedule to Maximize Efficiency	Completed Inspection and Maintenance Schedule			X			
Summary:		FY 05-06 As mentioned above, staff has begun work on the plan but as of yet there are no such facilities in the City to schedule inspection and maintenance for.							

III. Summary and Evaluation

Post Construction Storm Water Management

Activity / Best Management Practices		2005-2006 Implementation Plan	Quantifiable Target (QT) / Evaluation Tool	Status			Evaluation		
				Implemented	Not Implemented	Modified	QT Achieved	QT Not Achieved	Unknown
2.i	Train Staff in the Inspection of Private BMP's	Develop a Training Program on Proper Inspection and Maintenance of Structural BMP's	80% Compliance with Schedule and BMP's on a Quarterly Basis			X			
Summary:		FY 05-06 - Staff has been trained as part of construction BMP inspections. As mentioned above, there are no facilities yet in the City for inspection							
2.j	Implementation Schedule	Inspect and maintain Structural Controls According to the Implementation Schedule	80% Compliance with Schedule and BMP's on a Quarterly Basis			X			
Summary:		FY 05-06 - As mentioned above, there are no facilities yet in the City for inspection							
3.b	Train Staff in Post Construction ERP	Conduct Training in Post Construction ERP	All Engineering and Building Inspectors Trained			X			
Summary:		FY 05-06 - This goal has been modified. Staff developed the second draft of the ERP and has it in circulation for comment and final revision. When the final review has been completed, training will be conducted. However, staff, through the review and comment period has become aware of the elements of ERP and has been implementing them as if there had been a formally approved document and training conducted.							

III. Summary and Evaluation

Municipal Operations Good Housekeeping Pollution Prevention

Activity / Best Management Practices		2005-2006 Implementation Plan	Quantifiable Target (QT) / Evaluation Tool	Status			Evaluation		
				Implemented	Not Implemented	Modified	QT Achieved	QT Not Achieved	Unknown
Address Problems that Affect Efficient Street Sweeping									
2.b	Parked and Abandoned Vehicles	Evaluate Success of Pilot Outreach Programs to Reduce Conflicts with Sweeping	Complete Evaluation			X			
Summary:		FY 05-06 This goal has been modified to be implemented in 2006-07. The City did not have the staff or funding to implement this Measurable Goal in this reporting year.							
2.b	Parked and Abandoned Vehicles	Modify as Appropriate	Reduce Total Number of Parked Cars by 40% Over Two Years			X			
Summary:		FY 05-06 This Goal has been modified to be implemented in 2006-07. The City did not have the staff or funding to implement this Measurable Goal in this reporting year.							
Pesticide Control									
2.c	Leaves During Leaf Season	Evaluate Success of Pilot Outreach Programs to Reduce Conflicts with Sweeping	Complete Evaluation			X			
Summary:		FY 05-06 This Goal has been modified to be implemented in 2006-07. The City did not have the staff or funding to implement this Measurable Goal in this reporting year.							
2.d	Trees Near Streets	Assess the Miles of Streets that have Trees Interfering with Street Cleaning	Complete Evaluation		X	X			
Summary:		FY 05-06 - Please see the Goal and Modifications Section. The City is no longer pursuing the implementation of this Measurable Goal. This decision reflects the conformance to the City's Tree Ordinance. Chapter 12.24							
2.d	Trees Near Streets	Investigate and Evaluate at Least Two Appropriate Methods to Reduce Tree Interference	Evaluate and Prioritize Methods		X	X			
Summary:		FY 05-06 - Please see the Goal and Modifications Section. The City is no longer pursuing the implementation of this Measurable Goal. This decision reflects the conformance to the City's Tree Ordinance. Chapter 12.24							

III. Summary and Evaluation

Municipal Operations Good Housekeeping Pollution Prevention

Activity / Best Management Practices		2005-2006 Implementation Plan	Quantifiable Target (QT) / Evaluation Tool	Status			Evaluation		
				Implemented	Not Implemented	Modified	QT Achieved	QT Not Achieved	Unknown
6	Record Keeping	Develop and Use Forms to Report Miles Swept, Volume of Material and Areas that Need Special Attention	Review Records Quarterly	X			X		
Summary:		FY 05-06 - Staff receives reports from the contract Street Sweeper on a monthly basis. Those records contain volumes of material and routes swept. The data is reviewed for any anomalies that would indicate a hot spot.							