

BMP 6.1 Evaluation of Santa Barbara County Facilities (Self-Audit)

Measurable Goal 6.1.1: *Survey facilities to determine nature of activities and appropriate BMPs (year 0).*

Status: A survey of County facilities was completed prior to implementation of the SWMP. A description of the results from that survey can be found in the Year 1 Annual Report as well as the SWMP.

See also MG 6.4.5 for discussion of the South Coast Recycling and Transfer Station's Storm Water Pollution Prevention Plan per Central Coast Regional Water Quality Control Board letter dated January 28, 2008.

Proposed Modifications: No changes are recommended.

Planned Year 5 Activities: No additional activities proposed in Year 5.

BMP 6.2 Site Specific Water Quality Protocols

Measurable Goal 6.2.1: *Complete 100% of facility-specific protocols by year 3*

Status: The following facilities have protocols for storm water practices:

**Table 6-1
Facility-Specific Water Quality Protection Protocols (SWQPPs)**

Site	Location	Activities
Fire Department Construction Yard	99 Centennial Road, Los Alamos	Vehicle operations, corporate yard, et al.
General Services South County Garage	4568 A Calle Real Road, Santa Barbara	Vehicle operations
General Services North County Garage	912 West Foster Road, Santa Maria	Vehicle operations
Public Works Flood Control Yard	4568 D Calle Real Road, Santa Barbara	Vehicle operations, corporate yard
Santa Maria Corporation Yard	912 W. Foster Rd. Santa Maria	Corporate yard
Lompoc Road Yard	2010 Sweeney Road, Lompoc	Corporate yard
Santa Barbara Road Yard	4415 Cathedral Oaks Road, Santa Barbara	Corporate yard
Santa Ynez Road Yard	5035 Zaca Station Road, Santa Ynez	Corporate yard

Site	Location	Activities
Cuyama Road Yard	5073 Highway 166, Cuyama	Corporate yard

These facilities support activities such as vehicle or equipment operations, storage and handling of materials, etc. but are not regulated by the state through an NPDES Industrial General Permit although the format and content of the storm water protocol was modeled after the Storm Water Pollution Prevention Plan (SWPPP), a condition of the Industrial General Permit. The main difference between the protocols (SWQPPs) and a SWPPP is that the protocols do not include water quality sampling of storm events.

Proposed Modifications: No changes are recommended.

Planned Year 5 Activities: No additional activities Year 5.

BMP 6.3 Municipal Operations Best Management Practices Fact Sheets

Measurable Goal 6.3.1: *Prepare and publish BMP fact sheets (completed).*

Status: Complete. See summary Year 1.

Proposed Modifications: None.

Planned Year 5 Activities: No additional activities Year 5.

BMP 6.4 BMP Fact Sheet Implementation & Reporting

Measurable Goal 6.4.1: *Update and revise BMP Fact Sheets as necessary based upon staff input; revise or add based upon BMPs from other Phase I and Phase II municipalities as appropriate (year 1).*

Status: Complete. No revisions to the BMP Fact Sheets made.

Proposed Modifications: Ongoing updates will be made if necessary; no changes are recommended to this BMP.

Planned Year 5 Activities: Continue to use and review BMP Fact Sheets; prepare updates on as-needed basis.

Measurable Goal 6.4.2 *Develop an interactive web-based program for departmental reporting on BMP implementation as listed in the Fact Sheets, including BMPs selected, performance measures, or a schedule for BMP implementation and reporting (year 2).*

Status: As reported in Year 2, County staff used the BMP Fact Sheets to develop a web-based interactive reporting system, or BMP database. The database is used by facility managers to review BMPs and report on those which were implemented or a schedule for implementation. (See Year 2 Annual Report.)

Managers of facilities with protocols (see Table 6-2 below for list of those facilities) entered their BMP implementation data into the web-based system during Year 4. The records will be used to ensure BMP implementation and retained to track implementation over time.

Proposed Modifications: None.

Planned Year 5 Activities: This MG was completed in Year 2 and will continue to be implemented during Year 5 at select facilities. Operators of yards will continue to input into BMP database.

Measurable Goal 6.4.3 *Tabulate number of BMPs implemented and report annually based on the following schedule: Achieve 50% implementation by County departments on BMPs by Year 2; achieve 75% by Year 3; and achieve 100% by Year 4.*

Status: During Year 4, the web-based reporting system was employed by facility managers at the following locations:

**Table 6-2
BMP Implementation**

Location	Completed Report and Implemented SWQPPs?
Flood Control Yard Santa Barbara	Yes
General Services Fleet Maintenance, North	Yes
General Services Fleet Maintenance, South	Yes
Fire Department Construction Yard	Yes
Lompoc Road Yard	Yes
Santa Ynez Road Yard	Yes
Public Works Yard, Santa Maria (includes Roads <u>and</u> Flood Control)	Yes
Santa Barbara Road Yard	Yes

Each facility manager completed a survey in Year 4, see Appendix 6A. Survey addressed such issues as whether training has occurred and the level of awareness of storm water issues and implementation of onsite BMPs. Results indicate a complete level of ongoing stormwater BMP training at all sites.

To verify continued good practices at all major County campuses, PCW staff also conducted onsite audits in Year 4, similar to audits conducted in Year 3. By focusing on these major County facilities, with representation from multiple County Departments, it was possible to address 100% of all County departments for BMP implementation. These facilities, in combination with the facilities evaluated through the Water Quality Protocols (Table 6-1), represent a complete audit of all major or significant facilities Countywide.

**Table 6-3
BMP Implementation - By County Department**

Facility	Represented Department(s) at Facility	100% BMPs Imple- mented Effectively?	Was follow-up necessary?
County Administration and Engineering Building, downtown Santa Barbara	Clerk Board Recorder - Assessor County Counsel Executive Office General Services Human Resources Planning & Development Public Works Treasurer Tax Collector	Yes	No
County Campus, Calle Real / Cathedral Oaks Santa Barbara	Agricultural Commissioner APCD ADMHS Probation Public Health Public Health Sheriff Social Services	Yes	No
South County Courts, downtown Santa Barbara	Child Support Services District Attorney Law Library / Courthouse Probation (ADMN) Public Defender Superior Court	Yes	No

Facility	Represented Department(s) at Facility	100% BMPs Imple- mented Effectively?	Was follow-up necessary?
Santa Maria Foster Road / California St.	Ag Commissioner ADMHS Planning & Development Probation Public Defender	Yes	No
Betteravia Govt Center, Santa Maria	Probation Public Health Clerk Board	Yes	No
Llewellyn Justice Center, Santa Maria	Superior Court District Attorney Jury Services Public Defender	Yes	No
Rocky Nook Park	Parks	Yes	No
4410 Cathedral Oaks	Fire (Administration)	Yes	No

Results from the BMP on-line reporting (per MG 6.4.2 and shown in Table 6-2 above) combined with the audit results shown in Table 6-3 indicate that all County Departments implemented appropriate BMPs in Year 4. Therefore this measurable goal is complete for Year 4.

PCW staff worked with Fire Department to develop options for vehicle washing at Station 13. Fire Department will pursue funding opportunities in order to implement recommendations.

Proposed Modifications: None.

Planned Year 5 Activities: Audits of major County campuses will be continued in Year 5 and BMP reporting will be continued for those facilities listed in Table 6-2.

Measurable Goal 6.4.4: *Evaluate the nature, type, and effectiveness of BMPs implemented through a system of PCW internal audits. Perform audits for each department for at least one facility by the end of each reporting year (years 2-5).*

Status: See discussion above, MG 6.4.3.

Proposed Modifications: None.

Planned Year 5 Activities: No additional facilities will be audited during Year 5.

Measurable Goal 6.4.5: *Continue to implement existing programs and activities that protect water quality (i.e., regulated flood control maintenance and Annual Plan activities; solid and hazardous waste collection, disposal, and recycling programs; maintenance of storm drain treatment control facilities), and include update of these ongoing programs and activities in annual reports (years 1-5)*

Status: Complete. A summary of existing programs that protect urban runoff water quality is provided below. Maintenance of storm drain treatment control facilities is addressed under BMP 6.7.

Public Works Flood Control & Water Conservation District. Annual maintenance plans are submitted to the U.S. Army Corps of Engineers, Ventura District Office, California Dept of Fish and Game, and the RWQCB to fulfill conditions of the Fish & Game Streambed Alteration Agreement No. R5-2002-0083, USACE Permit No. 200500145-JCM and Technically Conditioned Water Quality Certification from RWQCB under the requirements of the Routine Maintenance Plan Programmatic EIR (1991).

Because the Flood Control Maintenance and Revegetation Report is submitted to the RWQCB and is performed under numerous permits regulating and protecting water quality and mitigating for impacts, it is not included in this Annual Report. The Maintenance and Revegetation Report describes the maintenance and revegetation activities that occurred at the following creeks and channels. Those creeks and channels that had maintenance activities performed during 2009-10 are summarized in the Table 6-3 below. (A complete list of all district-maintained facilities is shown in Appendix J of the SWMP.)

**Table 6-4
Flood Control Maintenance and Revegetation Activities Performed Yr 4**

South County	North County
ARROYO PAREDON CREEK	ALAMO PINTADO CREEK
UPPER ATASCADERO CREEK	BRADLEY CANYON
BARGER CANYON CREEK	CHANNEL
CARPINTERIA CREEK	CEBADA CANYON CREEK
CIENEGUITAS CREEK	GREEN CANYON
LOWER DEVEREUX CREEK	DRAINAGES
MARIA YGNACIO CREEK	ORCUTT/SOLOMON CREEK
MISSION CREEK	SAN ANTONIO CREEK- LOS
MONTECITO CREEK	ALAMOS
REFUGIO CREEK	SANTA MARIA

South County	North County
ROMERO CREEK	AIRPORT/ABEX CHANNELS
SAN ANTONIO CREEK—GOLETA	SANTA MARIA RIVER
SAN PEDRO CREEK	UNIT II, WEST MAIN and UNIT
SYCAMORE CREEK	II TAILWATER CHANNELS
TECOLOTE CREEK ROUTINE	
TORO CANYON CREEK	

There were no revisions to the Flood Control maintenance program as described in the SWMP.

Public Works Roads Division Culvert Inspections and Maintenance. County tracks all routine maintenance activity to storm drain culverts by service area. Routine inspections are performed every year at every single culvert. There are 4,200 culverts in the County, many are routinely inspected more than once. Routine maintenance includes clean-out, if needed. In addition, during and after storm events culverts are inspected and cleaned-out, if needed. The need for cleaning is based upon visual inspections.

**Table 6-5
Culverts Inspected Yr 4**

Area	Number
South County	2,245
Lompoc / Santa Ynez Area	1,762
Orcutt / Santa Maria	<u>1,435</u>
Total:	5,442 ¹

Solid Waste Facilities. County of Santa Barbara accepts waste at the following five locations: South Coast Recycling Transfer Station, Santa Ynez Valley Recycling and Transfer Station, Tajiguas Landfill, New Cuyama Transfer Station, and Ventucopa Transfer Station. Practices to protect water quality at these facilities are implemented consistent with facility Storm Water Pollution Prevention Plans, as required by the State Water Resources Control Board consistent with the NPDES Industrial General Permit No. 97-03-DWQ.

The facility Storm Water Pollution Prevention Plans were evaluated during Year 2 to assure and maintain consistency with other municipal facility programs, where those facilities are located within the SWMP permit area. This includes the South Coast Recycling and Transfer Station. The Storm Water Pollution Prevention Plan was found to

¹ Same values as Yr 3

be consistent with the overall SWMP municipal facility program (MCM 6.0) including additional levels of inspection, reporting, training, monitoring, and record keeping.

Proposed Modifications: None.

Planned Year 5 Activities: Reporting on ongoing programs and commitments will continue; no additional Year 5 activities are recommended.

BMP 6.5 Purchasing and Contracts

Measurable Goal 6.5.1: *Complete contract revisions (year 1).*

Status: During Year 4, contract with the County’s janitorial services, Service Master, was not renewed. However, all scheduled janitorial contracts expire in June 2011. At that time, the following new provision will be included:

Pollution Prevention

Contractor will comply with the Municipal Operations Best Management Practices Fact Sheet SC4 “Housekeeping” (County of Santa Barbara’s Storm Water Management Program). Contractor shall include awareness training for storm water pollution prevention, and shall develop procedures for preventing discharges of any waste that could enter the storm drain system using Best Management Practices. Examples of Best management Practices are presented in Fact Sheet SC4 and include using sanitary sewer for disposal of waste water, using brooms or vacuums instead of hosing surfaces with water, and prompt cleanup of spills that occur in outdoor setting. Examples of waste include wastes from wash water, cleansers, degreasers, paint products, window cleaning water, rinse water, trash or other debris. Contractor must comply with federal, state, and local storm water rules including Porter Cologne and Santa Barbara County Code Chapter 29 Storm Drains and Sanitary Sewers. It is a violation of County Code Chapter 29 Storm Water Discharges to allow any discharge to the storm drain system that is not composed entirely of storm water, unless otherwise permitted or exempt.

Proposed Modifications: None.

Planned Year 5 Activities: Update contract language with janitorial services.

Measurable Goal 6.5.2: *Tabulate number of County staff participating in training that addresses clean water BMP implementation through County contracts and purchasing practices.*

Status:

**Table 6-6
Staff Participating in Training**

Dept	Division/Location	# Staff	Date
General Services	Lompoc Fuel Facility Roads, Santa Maria	8	5/24/2010
Public Works	Yard	12	4/29/2010
Parks	Mgrs, all areas	10	6/14/2010
Public Works	Roads, South County	12	5/26/2010
General Services	Vehicle Ops	10	4/26/2010
Public Works	Flood	10	5/17/2010
Public Works	Roads, Lompoc	8	6/30/2010
Public Works	Roads, Santa Ynez	4	6/30/2010

Training was also provided in last prior years to General Services facility managers and will be offered again in Year 5.

Proposed Modifications: None.

Planned Year 5 Activities: Training for those individuals responsible for maintenance of county facilities will be repeated in Year 5. The same (or similar) questionnaire used to assess training effectiveness for municipal SWQPP facilities will be used to track effectiveness of training to General Services staff (see Appendix 6A).

Measurable Goal 6.5.3: *Evaluate contractor compliance (years 2-5).*

Status: In Year 4, County facilities such as maintenance, fueling, and large corporation campuses were surveyed for compliance with onsite BMPs. The County’s fleet vehicle washing service was also surveyed to assure consistent performance recovering wastewater. As far as the janitorial services or fleet fueling, there were no incidents of improper performance reported.

Proposed Modifications: None.

Planned Year 5 Activities: Continued performance evaluation for maintenance, fueling, and service contractors.

Measurable Goal 6.5.4: *Take enforcement action on 100% of projects with BMP failures constructed under contract to the County, such as Notices of Violation, Stop Work Orders, or fines. Report the number of Notice of Violations or Corrective actions (years 2-5).*

Status: No violations or corrective actions (see MG 6.5.3).

Proposed Modifications: None.

Planned Year 5 Activities: No additional activities proposed.

BMP 6.6 Countywide Integrated Pest Management Plan

Measurable Goal 6.6.1: *Report pesticide use on a departmental basis and provide updates, if any, to the countywide IPM strategy (years 1-5).*

Status: Complete. Appendix 6A summarizes pesticide use by Department during Year 4.

In 2005, the Integrated Pest Management Focus Group was formed by Supervisors Carbajal and Wolf to facilitate collaboration among governmental entities and community organizations within their respective districts regarding pesticide usage. The group, eventually termed Santa Barbara County Green Landscape Consortium is coordinated by County Parks Department, and consists of representatives from the County, City of Goleta, City of Santa Barbara, various South Coast school districts and community organizations such as Lotusland.

The Santa Barbara County Green Landscape Consortium's mission is to promote sustainable natural strategies for the healthy growth of plants, while preventing pests and threats to humans, animals, businesses and the environment.

The consortium activities are organized by the County Parks Department, including quarterly meetings (since 2007) to share best practices related to integrated pest management.

In Year 4, the Green Landscape Consortium launched a website information to help anyone reduce or eliminate pesticide use at their home or business.

Through the website, the Consortium continues to pursue the following strategies:

- Share best practices for limiting the use of pesticides when safe alternatives are possible, cost-effective and more effective in managing pests;
- Analyze the costs and implementation of pesticide-reduction strategies so that green choices can be made to help reduce or eliminate pesticides, including such things as concrete mow strips, rodents control, water-wise plant choices, using beneficial insects, and hand weeding for parks, playing fields, picnic benches, tree basins and sidewalks;
- Provide a consistent methodology for local governments and the public to use in making decisions about reducing pesticides at priority, public locations;

- Update the website as a clearinghouse of information for agencies, residents and businesses on pesticide use and effective alternative strategies and costs;
- Educate the public by highlighting what Consortium members are doing, and
- Provide the public a way to know where pesticides are and aren't being used in parks and other community spaces.

Proposed Modifications: None.

Planned Year 5 Activities: Continue tracking pesticide use by type and amount and provide update in annual report.

BMP 6.7 Storm Drain Maintenance

Measurable Goal 6.7.1: *Establish and implement a cleaning schedule for County-owned and operated treatment control facilities (years 1-5).*

Status: The County owns and maintains eight CDS units, three bioswales, and one ultraviolet radiation treatment system, all located along the south coast. The schedule established for these includes annual clean-out of CDS units, biweekly inspection of bioswales with weeding or minor vegetation (cattail) removal as-needed for aesthetics and function, and monthly inspections with annual bulb replacement at the UV system. In the case of the transfer station onsite CDS unit, that unit is inspected prior to and throughout the rainy season to assure performance, and is cleaned on an as-needed basis, which varies from year-to-year.

During seasons of unusually heavy rainfall which can cause the CDS units to fill more rapidly, the County may clean out any individual CDS unit more often.

The following discussion describes the implementation of a cleaning schedule for County-owned and operated treatment control facilities for Year 4.

CDS Units. The CDS units perform by intercepting and straining large (>7mm diameter) particles from low to medium sized storm flows. Also, smaller particles such as sands and gravels settle out from gravity. The treated flows then return to the storm drain for additional treatment, in the case of the bioswales and UV system, or discharged directly to the ocean, in the case of three CDS units in Isla Vista.

The following table summarizes the dates and amounts of material removed from the storm drains from the County's CDS units.

Table 6-7
CDS Maintenance Year 4

Location	Treated drainage area (ac)	Date cleaned	Waste removed	Receiving waterbody
Turnpike	76 ac	Oct 20, 2009	800 lb	Atascadero Crk / Goleta Slough
San Vicente (Rhoads E)	57 ac	Oct 20, 2009	400 lb	Atascadero Crk / Goleta Slough
San Ramon (Rhoads W)	80 ac	Oct 20, 2009	400 lb	Atascadero Crk / Goleta Slough
Escondido Pass	25 ac	Oct 21, 2009	2,000 lb	Ocean (Isla Vista)
Camino Del Sur	42 ac	Oct 21, 2009	2,000 lb	Ocean (Isla Vista)
Camino Pescadero	25 ac	Oct 21, 2009	900 lb	Ocean (Isla Vista)
Embarcadero	35 ac	Oct 21, 2009	600 lb	Ocean (Isla Vista)
Transfer Station	Approx 6 ac	7/22/2009 and 6/3/2010	5,040 lb 3,660 lb	Hospital Creek / Goleta Slough
Total	315 acres		15,400 lbs 7.7 tons	

Bioswales. There are three storm water runoff treatment bioswales maintained by the County. The three bioswales include (1) Turnpike, which is located at the end of Turnpike Road before Atascadero Creek, (2) Rhoads East and (3) Rhoads West, both located within the Walnut Park Townhomes along Rhoads Ave. near Walnut Ave. The Turnpike bioswale was installed in the fall of 2002; the Rhoads Ave. bioswales were installed in spring of 2003. Each receives flow that is pretreated by a CDS unit at the upstream storm drain.

County staff makes visual inspections of the three bioswales on a bi-weekly basis. During the inspections, staff inspect for overall appearance (trash, vandalism), health of vegetation, and during warmer months, inspection for the presence of mosquito larvae. (staff apply a targeted mosquito larvicide if needed).

In July 2010, maintenance of the Turnpike bioswale consisted of:

- Removal of weedy annuals around native perennials
- Spreading mulch along banks and throughout upland planted areas
- Removal of several non-native shrubs and trees throughout

The Rhoads Ave. bioswales are maintained by the Walnut Park Homeowners Association. Unlike the Turnpike bioswale, there is little to no chronic low flow (non-storm flow) at the Rhoads Ave bioswales. Lack of water during the growing season, combined with routine landscape-related maintenance, limits excessive growth of weeds and vegetation, particularly cattails which are so prevalent at Turnpike bioswale. Other than that provided by the property owner, no additional maintenance was necessary.

UV Treatment. The third major treatment control device owned and operated by the County is a UV unit located at the downstream end of the Escondido Pass CDS unit in Isla Vista. The control box is inspected at least monthly in order to verify whether the equipment is functioning. A control switch display panel indicates the life expectancy of the bulb (in days).

In December 2009, annual routine maintenance included replacing O-rings and cleaning the strainer basket.

Proposed Modifications: None.

Planned Year 5 Activities: In late September, cattails will be manually removed near the mouth of the Turnpike bioswale to improve hydraulic performance. Staff will continue to report maintenance activities.

BMP 6.8 Street Sweeping

Measurable Goal 6.8.1: *Report number of lane-miles swept and number of events per year, at minimum three events per year.*

Status: Complete, see tables below. The County sweeps commercial districts and heavily-used arterial streets three times per year, prior to storms likely to mobilize accumulated materials into the storm-drain system. These include areas of Orcutt, Goleta (unincorporated), Montecito, and Summerland but not Vandenberg Village, Mission Hills, Santa Ynez, or Los Olivos, which are primarily residential areas with relatively light traffic (on average, thousands of daily trips less than daily trips in areas swept). Isla Vista is swept every two weeks year-round by the Goleta West Sanitary District. In addition, Isla Vista Parks and Recreation District organizes weekly volunteer litter removal and monthly community cleanup events throughout the Isla Vista area.

The County’s street sweeping program was designed provide the greatest water quality benefit per dollar spent. In consultation with Transportation Division maintenance crews, areas were selected for street sweeping in commercial areas that typically produce more pollutants than residential areas due to more traffic movement with cars frequently coming and going (hot cars drip more than cold cars) and higher concentrations of people. Since the sweeper operates at night, the streets are generally free of vehicles, thereby avoiding more expensive signage, ticketing, and towing of cars.

Timing of street sweeping (prior to forecast rain and after at least four weeks of antecedent dry conditions) is also intended to maximize water quality protection. The County has focused on sweeping 27 lane miles in areas where the greatest benefit is derived with limited funds.

The contractor, A-1 Sweeping, uses a mechanical broom sweeper (Mobil M9E) followed by a regenerative air vacuum sweeper (Schwartz A7000). The dual sweep process collects a broader range of particle sizes, with the regenerative air sweeper able to collect the smaller sized particles (down to 10 microns) that are associated with more harmful contaminants.

The following table lists the lane miles swept and number of events during Year 4.

**Table 6-8
Street Sweeping Results**

	Street	Length One-way (ft.)	Lane Miles	Oct09 (cy)	Jan10 (cy)	Apr10 (cy)
Orcutt Area	Orcutt Rd.	5,560	2.11	4	4	4
	Lakeview Rd.	1,031	.39	0.5	.75	0.5
	Clark Ave.	1,929	.73	2	2	1.5
	Broadway St.	594	.23	.5	0.5	0.5
	Clark Ave.	2,900	1.09	1.5	1.5	1.0
	Bradley Rd.	2,460	.93	1.5	1.5	1.0
	Totals	14,474 ft	5.48 mi	10.0 cy	10.25 cy	8.5 cy

Goleta Area	Street	Length One-way (ft.)	Lane Miles	Oct09 (cy)	Jan10 (cy)	Apr10 (cy)
	Hollister Ave.	11,070	4.19	7	6	6
	Turnpike Rd.	4,570	1.73	2	2	3
	Totals	15,640 ft	5.92 mi	9 cy	8 cy	9 cy

Montecito Area	Street	Length One-way (ft.)	Lane Miles	Oct09 (cy)	Jan10 (cy)	Apr10 (cy)
	Olive Mill Rd.	1,060	.40	.5	0.5	0.5
	Olive Mill Rd.	2,590	.98	6	6	5
	Middle Rd.	2,835	1.07	0.5	0.5	0.5
	Hot Springs Rd.	6,240	2.36	5	5	4
	North Jameson Ln.	8,525	3.23	3.5	3.5	3
	San Ysidro Rd.	9,342	3.54	4	4	4
	East Valley Rd.	3,465	1.31	3	4	3
	Totals	34,057 ft	12.89	22.5 cy	23.5 cy	20 cy

Summerland Area	Street	Length One-way (ft.)	Lane Miles	Oct09 (cy)	Jan10 (cy)	Apr10 (cy)
	Ortega Hill Rd.	4,452	1.69	5	5.0	5.0
	Lillie Ave.	3,380	1.28	1.75	1.5	1.5
	Totals	7,832 ft	2.97 mi	6.75 cy	6.5 cy	6.5 cy

Proposed Modifications: None.

Planned Year 5 Activities: Streets listed in the tables above will continue to be swept a minimum of three times per year.

Measurable Goal 6.8.2 *Report weight and volume of materials collected for each event*

Status: The following Table 6-8 shows weight and volume of materials for each event.

**Table 6-9
Street Sweeping Event Summary**

Area	Volume (cy)			Weight (lb)		
	Oct09	Jan10	Apr10	Oct09	Jan10	Apr10
Orcutt	10.0	10.25	8.5	7,000	7,175	5,950
Goleta	9	8	9	6,300	5,600	6,300
Montecito	22.5	23.5	20	15,750	16,450	14,000
Summerland	<u>6.75</u>	<u>6.5</u>	<u>6.5</u>	<u>4,725</u>	<u>4,550</u>	<u>4,550</u>
Total	48.25	48.25	44	33,775	33,775	30,800

*Assume approx 700 lb/cubic yard; varies due to water content

Proposed Modifications: None.

Planned Year 5 Activities: Weight and volume of material swept will be reported.

BMP 6.9 Staff Training

Measurable Goal 6.9.1: *Achieve 100% completion of countywide training by year 3.*

Status: See below.

General Countywide Training for New Employees

All new County employees take a class through the Employees University entitled: the Business of Local Government (PERS-100). All new employees attending this class are provided a folder of various materials associated with County government including information on clean water concerns. During both Year 3 and Year 4, the County did not offer the class. However, the class is expected to be offered during Year 5.

Corporation Yard Leadership Training

In Year 3, storm water training was provided to crew leaders or site managers by PCW staff. In Year 4, crew leaders or superintendents in-turn provided training to crews during regularly scheduled shop or tailgate meetings. Leaders reviewed protocols for clean water (per BMP 6.2), best practices for the site including schedules and activities. Material provided included the Employee Pocket Guide “Recognizing and Reporting Storm Water Pollution” and the Project Clean Water hotline magnet. Staff were shown the 20-minute video “Storm Watch” (produced by ExCal Visual) which was loaded onto the County’s Intranet server for broadcast viewing during training sessions.

- General Services Fleet Maintenance North County (Santa Maria)
- General Services Fleet Maintenance South County (Santa Barbara)
- Fire Department Construction Yard (Los Alamos)
- Public Works Road Yard (Lompoc)
- Public Works Road Yard (Santa Ynez)
- Public Works Road Yard (Cuyama)
- Santa Maria Corporation Yard (Flood Control/PW, Roads/PW, Fleet/General Services)
- Public Works Road Yard (Santa Barbara)
- Public Works Flood Control District Yard (Santa Barbara)

Staff Targeted Training

During Year 4, PCW staff conducted targeted training to Parks (managers countywide), Environmental Health Services (technical support including food facility inspectors, liquid waste program, ocean water monitoring, and development review) and Resource Recovery (Illegal Dumping). Targeted training was also provided to Fire Department CUPA inspectors and LUFT/SMU staff by departmental leaders.

Survey

A one-page survey was distributed to leaders or superintendents who provided training. Results are shown in Appendix 6A. These indicate an overall effective training program over the past four years for both leaders and crews involved in storm water protection.

Proposed Modifications: None.

Planned Year 5 Activities: During Year 5, training will be provided to General Services staff who maintain and manage County facilities.

Measurable Goal 6.9.2: *Document number of training sessions presented (years 3-5)*

Status: In Year 4, the following training was provided to County staff

**Table 6-10
Staff Training**

	Public Works, Roads, Flood	General Services, Fleet Maintenance	Public Health, EHS Technical Division	Fire, CUPA and Haz Mat Inspectors	Park, Mgrs and Super's
# sessions	5	2	1	3	1
# staff	54	16	25	16	10

Proposed Modifications: None.

Planned Year 5 Activities: Training will be documented as per MG 6.9.1.

Measurable Goal 6.9.3: *Document number of staff attending (years 3-5).*

Status: See number of staff above.

Proposed Modifications: None.

Planned Year 5 Activities: The number of staff will be documented as per MG 6.9.1.

Measurable Goal 6.9.4: *Document number of email messages on water quality (years 3-5).*

Status: In Year 4 there were three intranet messages broadcast to all County employees each over a period of three weeks on water quality for rain barrel sale events, September 2009, November 2009, and February 2010.

Proposed Modifications: None.

Planned Year 5 Activities: Based upon the assumption that the highest website hits indicates topics of greatest interest (e.g., what you can do at home, car wash, County efforts to reduce pollution, etc.), staff will develop a message on water quality and broadcast to employees at various times throughout the year.