

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 4 Activities: No additional activities proposed in Year 4.

BMP 6.2 Site Specific Water Quality Protocols

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

Status: Protocols for storm water practices were developed for the following facilities:

Table 6-1 Facility-Specific Water Quality Protection Protocols

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

Site	Location	Activities
Santa Barbara Road Yard	4415 Cathedral Oaks Road, Santa Barbara	Corporate yard
Santa Ynez Road Yard	5035 Zaca Station Road Santa Ynez	Corporate yard
Cuyama Road Yard	5073 Highway 166, Cuyama	Corporate yard

These facilities were selected from all County facilities because they do 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. As such, these facilities do not have site-specific Storm Water Pollution Prevention Plans as required under that permit. The format and content of the protocol was modeled after the Storm Water Pollution Prevention Plan. However, it does not include a section for water quality monitoring/reporting during storm events.

Proposed Modifications: No changes are recommended.

Planned Year 4 Activities: No additional activities Year 4.

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 4 Activities: No additional activities Year 4.

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 were found appropriate during Year 2 or 3.

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

Planned Year 4 Activities: Continue to review BMP Fact Sheets and develop 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 for facility managers to review BMPs and report on those which they responsible for, including BMPs implemented and a schedule for BMP implementation and reporting. An example of the input parameters was shown in the 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 3. The records will be used to ensure BMP implementation and retained to track implementation over time.

Proposed Modifications: None.

Planned Year 4 Activities: This MG was completed in Year 2 and implemented during Year 3 at select facilities. During Year 4, the program will continue to be used, evaluated, and modified as necessary.

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: Results from the BMP reporting (MG 6.4.2 and Table 6-2 below) combined with the audit results shown in Table 6-3 indicate that slightly less than 100% but more than 75% of County Departments implemented appropriate BMPs in Year 3. Therefore this measurable goal is complete for Year 3.

During Year 3, the web-based reporting system was employed by facility managers at the following locations:

Table 6-2 BMP Reporting

Location	Completed Report?
Flood Control Yard Santa Barbara	Yes

Location	Completed Report?
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

To help establish the web-based system and to augment the system for reporting BMP implementation per this Measurable Goal, PCW staff also conducted onsite audits of all major County campuses or facilities to assess BMP implementation with several additional facilities added from Year 2. Table 6-3 lists those facilities audited 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 (for a list of all County facilities originally audited, see Year 2 Annual Report Appendix 6B).

The audit consisted of a visual site inspection of outdoor facilities exposed to storm water. The inspection focused on 1) actual evidence of pollution, 2) indicators of pollution, or 3) potential sources of pollution. Where there were such indications, like wetness or staining, the potential source was investigated. Where potential pollution sources were identified, staff was notified and sources eliminated.

The nature and type of BMPs that were the basis for these inspections included the following from Santa Barbara County Municipal Operations BMP Fact Sheets (for complete description, see SWMP):

- SC-2. Building Maintenance & Repairs
- SC-4. Housekeeping
- SC-5. Kitchen, Restaurant & Deli
- SC-6. Landscape & Undeveloped Areas
- SC-7. Loading & Unloading
- SC-8. Material & Hazardous Waste Storage
- SC-9. Metal, Wood, Paint & Print Shops
- SC-10. Parking Lots & Garages

- SC-11. Spill Prevention & Cleanup
- SC-12. Storm Drains & Catch Basins
- SC-14. Trash & Dumpster Management
- SC-15. Vehicle & Equipment Fueling
- SC-16. Vehicle & Equipment Maintenance & Repairs
- SC-17. Vehicle & Equipment Washing & Steam Cleaning

Specifically, for effective BMP implementation the campus demonstrated:

- Parking areas free of debris including trash, greenwaste, and dirt
- Trash storage/containment areas kept clean
- Dumpsters and other trash containers closed
- Little / no evidence of pavement staining due to recent spills, dumping, or inappropriate housekeeping practices
- Little / no evidence of over-watering landscape
- Material storage areas protected from storm water
- Material storage containers covered and clean
- Catch basins and storm drain conduits clear and free of debris

Table 6-3 BMP Implementation - By County Department (Year 3)

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

Facility	Represented Department(s) at Facility	100% BMPs Imple- mented Effectively?	Was follow-up necessary?
South County Courts, downtown Santa Barbara	Child Support Services District Attorney Law Library / Courthouse Probation (ADMN) Public Defender Superior Court	Yes	No
Santa Barbara Corp Yard, Cathedral Oaks	Public Works Roads Maintenance Public Works Construction Public Works Flood Control General Services Facilities	Yes	No.
Santa Maria Corp Yard, Foster Road	General Services (Corp Yard) Public Works (Corp Yard)	Yes	Follow-up with site manager resulted in absorbent pads placed under dripping equipment, and clean- up of small volume of trash on ground.
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
New Cuyama	Sheriff Public Health Clinic Public Works	Yes	No
Fire Station 13, 4570 Hollister Ave. Santa Barbara	Fire	No	Memo and direct communication with Captain regarding washing equipment. To

Facility	Represented Department(s) at Facility	100% BMPs Imple- mented Effectively?	Was follow-up necessary?
Fire Station 15, 2491 Foothill Rd Santa Barbara	Fire	Yes	date, issue has not been resolved. No
Fire Station 18, 17200 Mariposa Reina, Gaviota	Fire	Yes	No
Fire Station 22, 1596 Tiffany Park Court. Orcutt	Fire	Yes	No
Fire Station 23, 5003 Depot Ave. Sisquoc	Fire	Yes	No
Fire Station 24, 99 Centennial, Los Alamos	Fire	Yes	No
Fire Station 32, 906 Airport Rd, Santa Ynez	Fire	Yes	No
Fire Station 41, 41 Newsome St. New Cuyama	Fire	Yes	No
Fire Station 51, 3510 Harris Grade Road. Lompoc	Fire	Yes	No

Proposed Modifications: None.

Planned Year 4 Activities: County staff will explore alternatives to vehicle washing at Station 13 with goal to eliminate or reduce the discharge of wash water into the storm drain by the end of Year 4. Audits of major County campuses will be continued in Year 4 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 4 Activities: No additional facilities will be audited during Year 4.

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 2008-09 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 6-3 Flood Control Maintenance and Revegetation Activities Performed Yr 3

South County	North County
Arroyo Burro Creek	Alamo Pintado Creek
Canada de la Pila	Bradley Canyon Creek
Carpinteria Creek	Corralitos Creek
Cieneguitas Creek	Cuyama River

South County	North County
Lagunitas Creek	Foxenwood 3 Basin
Las Positas Creek	Green Canyon Drainages
Lower Devereux Creek	Orcutt/Solomon Creek
Mission Creek	Pine Canyon Creek
San Antonio Creek - Goleta	San Antonio Creek – Los
San Jose Creek	Alamos
San Pedro Creek	Santa Maria Airport/Abex
San Ysidro Creek	Channels
Sycamore Creek	Santa Maria River
Tecolote Creek	Tanglewood Channel
	Unit II Channel
	West Main Channel
	Unit II Tailwater Channel
	East Ditch Channel

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 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 6-4 Culverts Inspected Yr 3

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

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 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 4 Activities: Reporting on ongoing programs and commitments will continue; no additional Year 4 activities are recommended.

BMP 6.5 Purchasing and Contracts

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

Status: See summary Annual Report Year 1 and Year 2.

Proposed Modifications: None.

Planned Year 4 Activities: As stated in the Year 2 report, the contract with Service Master for janitorial services countywide is up for renewal in 2009; therefore, an update will be provided in the Year 4 Annual Report to reflect such contract changes.

Measurable Goal 6.5.2: *Tabulate number of projects that require BMPs or plans (year 1).*

Status: Complete and ongoing. Tabulation of individual projects countywide is not possible. For example, there are more than 500 board contracts open at any time. Therefore, it was determined to target the *individuals* and *managers* most directly involved in contract administration and in the use of these contracts and services. Training was provided directly to all General Services Facilities Management staff by PCW. Training addressed the broad topic of the state regulatory program and the County's obligations and commitments under the SWMP with special emphasis on the role of General Services staff as caretakers of all County properties.

During Year 2, PCW staff met with the County General Services Support Services Supervisor to review types of contracted services that could result in polluted discharges. Small tasks, such as painting or surface cleaning, are typically contracted under small purchase orders by individuals within departments which make tabulating these projects difficult. Therefore, continued education to County staff (i.e. through Countywide newsletter) and targeted outreach to these types of service providers is the best approach.

Specifically, General Service’s staff is in a unique position to implement the SWMP through:

- Onsite building maintenance
- Oversight of sub-contractors, and
- Reporting all observations to PCW for assistance or follow-up

During the training, contractors working for the County involved with cleaning products, fleet vehicle cleaning, and fuel suppliers were identified as high-risk to storm water pollution. Activity-specific BMPs were highlighted during the training, based upon the following Fact Sheets:

- Alternative Safer Practices (SC1)
- Housekeeping (SC4)
- Parking Lots and Garages (SC10)
- Spill Prevention and Clean Up (SC11)
- Vehicle and Equipment Fueling (SC15)
- Vehicle and Equipment Washing and Steam Cleaning (SC17)

The training included distribution of the entire set of Fact Sheets in a bound notebook.

Training was held in North County and South County locations and captured 29 staff and their managers, representing 99% of all staff and 100% of all management of General Services Facilities.

Proposed Modifications: Because of the difficulty imposed by the wording of this measurable goal, the County proposes to revise as:

Tabulate number of County staff participating in training that addresses clean water BMP implementation through County contracts and purchasing practices

Planned Year 4 Activities: Training for those individuals responsible for maintenance of county facilities will continue. A questionnaire for management will be developed to begin tracking effectiveness of training.

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

Status: As described in Year 2 annual report, the contract for fleet vehicle washing service was completely revised to require recovery of discharges and the contractor’s performance was confirmed through a series of random checks whereby PCW staff appeared unannounced during a regularly-scheduled washing day (typically weekends). The fleet washing contractor continued to provide 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 4 Activities: Continued performance evaluation for maintenance, fueling, and service contractors.

Measurable Goal 6.5.4: *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 4 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 3.

During Year 2, 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, which consists of representatives from the County, City of Carpinteria, City of Goleta, City of Santa Barbara, UCSB, various South Coast school districts and community organizations such as the Pesticide Awareness and Alternative Coalition, meets quarterly to share best practices related to integrated pest management. In addition to sharing information internally, the group is currently developing various educational and outreach strategies related to public awareness regarding the use of pesticide and herbicide, including the development of a website. The website is expected to be launched in late 2009.

Proposed Modifications: None.

Planned Year 4 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. During Year 3, the transfer station unit did not require cleaning.

The following discussion describes the implementation of a cleaning schedule for County-owned and operated treatment control facilities for Year 3.

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 6-5 CDS Maintenance October 2008

Location	Treated drainage area (ac)	Date cleaned	Waste removed (lb)	Receiving waterbody
Turnpike	76 ac	Oct 7, 2008	5,850	Atascadero Crk / Goleta Slough
San Vicente (Rhoads E)	57 ac	Oct 7, 2008	6,720	Atascadero Crk / Goleta Slough

Location	Treated drainage area (ac)	Date cleaned	Waste removed (lb)	Receiving waterbody
San Ramon (Rhoads W)	80 ac	Oct 8, 2008	3,800	Atascadero Crk / Goleta Slough
Escondido Pass	25 ac	Oct 8, 2008	2,700	Ocean (Isla Vista)
Camino Del Sur	42 ac	Oct 8, 2008	4,140	Ocean (Isla Vista)
Camino Pescadero	25 ac	Oct 8, 2008	1,050	Ocean (Isla Vista)
Embarcadero	35 ac	Oct 8, 2008	1,560	Ocean (Isla Vista)
Transfer Station	Approx 6 ac	(Not cleaned in FY08-09)	0	Hospital Creek / Goleta Slough
Total		315 acres	25,820 lbs	

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 will apply a targeted mosquito larvicide as needed.

In April 2009, major 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
- Removal of willow in the bioswale invert

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).

On June 2, 2009, annual maintenance included replacing the bulbs and O-rings and cleaning the strainer basket.

Proposed Modifications: None.

Planned Year 4 Activities: 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.

Table 6-7 lists the lane miles swept and number of events during Year 3.

Table 6-7 Street Sweeping Results

Orcutt Area	Street	Length One-way (ft.)	Lane Miles	Sept08 (cy)	Jan09 (cy)	Apr09 (cy)
	Orcutt Rd.	5,560	2.11	3.5	3.0	3.0
Lakeview Rd.	1,031	.39	.5	0.5	0.5	
Clark Ave.	1,929	.73	1.5	1.5	1.5	
Broadway St.	594	.23	.5	0.5	0.5	
Clark Ave.	2,900	1.09	1.5	1.5	1.5	
Bradley Rd.	2,460	.93	1.25	1.0	1.0	
Totals		14,474 ft	5.48 mi	8.75 cy	8.8 cy	8.0 cy

Goleta Area	Street	Length One-way (ft.)	Lane Miles	Sept08	Jan09	Apr09
	Hollister Ave.	11,070	4.19	6	6.5	6.5
Turnpike Rd.	4,570	1.73	1.5	2	2	
Totals		15,640 ft	5.92 mi	7.5 cy	8.5 cy	8.5 cy

Montecito Area	Street	Length One-way (ft.)	Lane Miles	Sept08	Jan09	Apr09
	Olive Mill Rd.	1,060	.40	.5	0.5	0.5
	Olive Mill Rd.	2,590	.98	4	4	5
	Middle Rd.	2,835	1.07	0.5	0.5	0.5
	Hot Springs Rd.	6,240	2.36	4.5	4.5	5.0
	North Jameson Ln.	8,525	3.23	3	3	3
	San Ysidro Rd.	9,342	3.54	4	3.5	3.5
	East Valley Rd.	3,465	1.31	2.5	2.5	3
Totals		34,057 ft	12.89	19.0 cy	18.5 cy	20.5 cy

Summerland Area	Street	Length One-way (ft.)	Lane Miles	Sept08	Jan09	Apr09
	Ortega Hill Rd.	4,452	1.69	4.5	4.0	5.0
	Lillie Ave.	3,380	1.28	1.5	1.5	1.5
	Totals		7,832 ft	2.97 mi	6.0 cy	5.5 cy

Proposed Modifications: None.

Planned Year 4 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 6-8 Street Sweeping Event Summary

Area	Volume (cy)			Weight (lb)		
	Sept08	Jan09	Apr09	Sept08	Jan09	Apr09
Orcutt	8.75	8.8	8.0	6,125	6,160	5,600
Goleta	7.5	8.5	8.5	5,250	5,950	5,950
Montecito	19.0	18.5	20.5	13,300	12,950	14,350
Summerland	6.0	5.5	6.5	4,200	3,850	4,550
Total	41.25	41.3	43.5	28,875	28,910	30,450

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

Proposed Modifications: None.

Planned Year 4 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 Year 3, the County did not offer the class due to a reorganization of the curriculum by EU staff.

Corporation Yard Leadership Training

As part of the Storm Water Quality Protocols (BMP 6.2), storm water training was provided to crew leaders or site managers by PCW staff, who in turn presented the message and material to their staff through onsite, mandatory “tailgate” or safety meetings. The format of the training followed the format of the protocol as it addresses appropriate BMPs to reduce or eliminate polluted discharges from site-specific activities. Materials included the Best Management Practices Fact Sheets, the muni ops pocket

guide, and magnets with the clean water hotline. This “train-the-trainer” leadership effort was performed for managers or supervisors representing the following municipal facilities:

- ☑ General Services Fleet Maintenance North
- ☑ General Services Fleet Maintenance South
- ☑ Fire Department Construction Yard
- ☑ Lompoc Road Yard
- ☑ Santa Ynez Road Yard
- ☑ Cuyama Road Yard
- ☑ Santa Maria Corporation Yard (Flood Control, Roads, General Services)
- ☑ Santa Barbara Corporation Yard (Roads)
- ☑ Flood Control District South

Field Crews and Maintenance Staff Targeted Training

Two primary groups of County employees were targeted for special training during Year 3: General Services Facilities Management staff, for their ongoing work at maintaining all County-owned structures, and Public Works Road Yard staff, for both their onsite activities at corporation yards and their offsite activities on County roads. For these targeted groups, training was provided by PCW staff directly to their staff (vs. “train-the-trainer”). These individuals from Public Works and General Services are important, not only for their role in protecting water quality from potentially-polluting municipal operations, but also because they are most likely to travel in unincorporated areas, and so have the opportunity and responsibility to report potential pollution sources throughout the permit area. Staff training, therefore, included awareness (i.e. what is pollution, why is it bad) and what to do (i.e. BMPs for County activities, forwarding complaints or discoveries to PCW staff for follow-up, etc).

Proposed Modifications: None.

Planned Year 4 Activities: During Year 4, PCW staff will provide refreshers and updates to managers of municipal facilities and corporation yards, and to managers of other key enforcement programs who received training in Year 2 (Resource Recovery, Environmental Health, and Fire Department) with focus on training of new employees. Due to their field presence at County open spaces and parks, County Park rangers will be trained on awareness of potential water quality pollution problems and appropriate reporting. PCW staff will develop a one-page survey to be distributed to leadership staff involved in key municipal activities in order to evaluate the effectiveness of four-years’ of training and outreach, and to determine areas of improvement.

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

Status:

	Public Works	General Services	Sheriff	Public Health	Fire	Parks
# sessions	6	4	2	2	10	2

Proposed Modifications: None.

Planned Year 4 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:

	Public Works	General Services	Sheriff	Public Health	Fire	Parks
# staff	71	53	18	19	85	15

Proposed Modifications: None.

Planned Year 4 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 2, the County’s Executive Office began electronic distribution of a new countywide employee newsletter, called the SBC E-Times. Although distribution of this countywide quarterly publication was anticipated for Year 3, it was not published or otherwise distributed in Year 3.

Therefore, as an alternative message on water quality, an outreach ad was placed on the County’s intranet home page. The ad ran for several months. It appeared on the first page automatically as employees first open the web via Internet Explorer. The ad included links to PCW website for additional contact. It is not possible to track how many website hits originated internally from the intranet. The appearance of the outreach ad on the County’s homepage is shown in Appendix 6B.

Proposed Modifications: None.

Planned Year 4 Activities: It is possible the Executive Office will resume publication of E-Times; this was their intention during Year 3. If so, another outreach ad may be appropriate at that time. Otherwise, or in addition to, staff will continue to look for opportunities to provide electronic messages on water quality such as the intranet.